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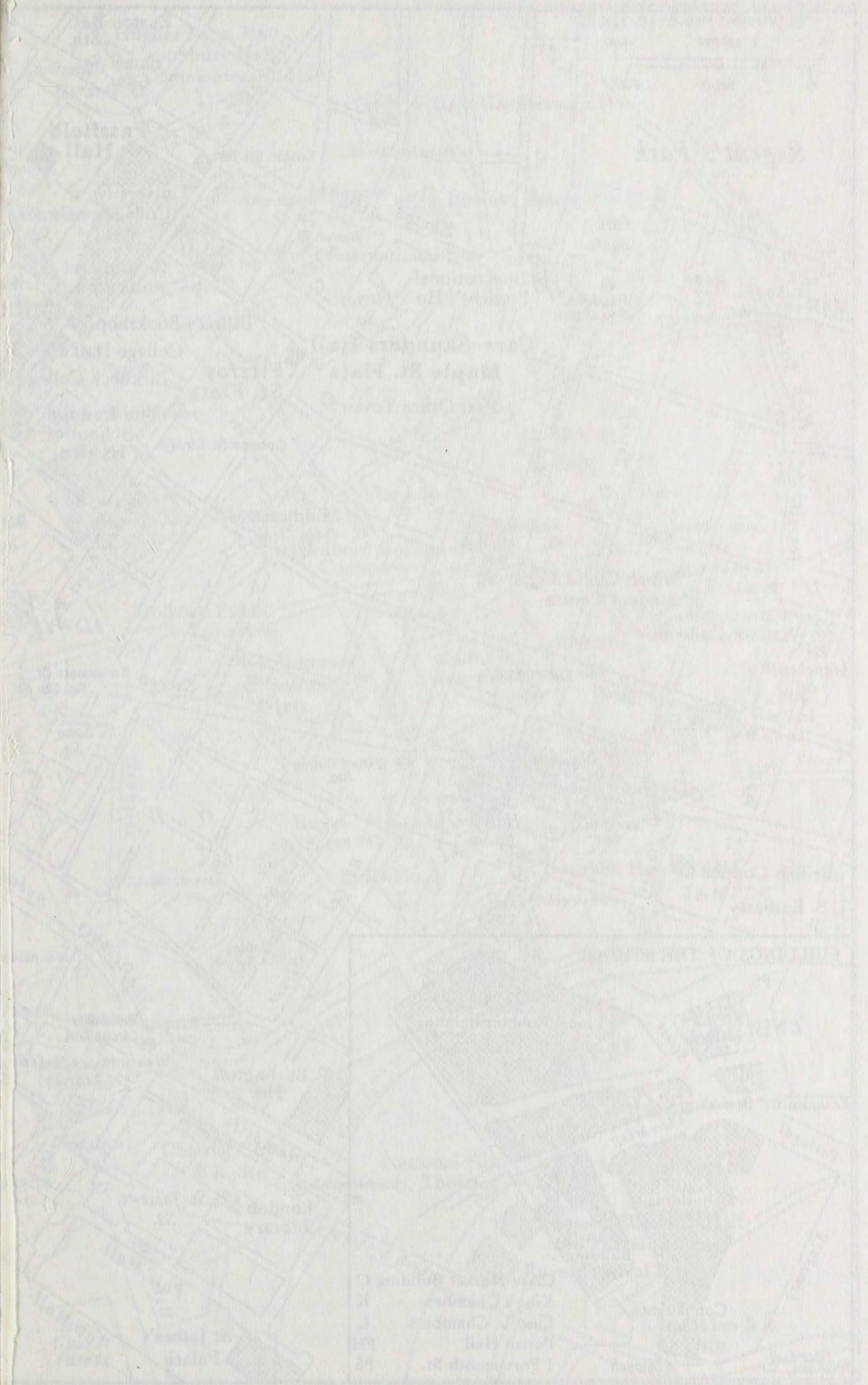
The London School of Economics and Political Science

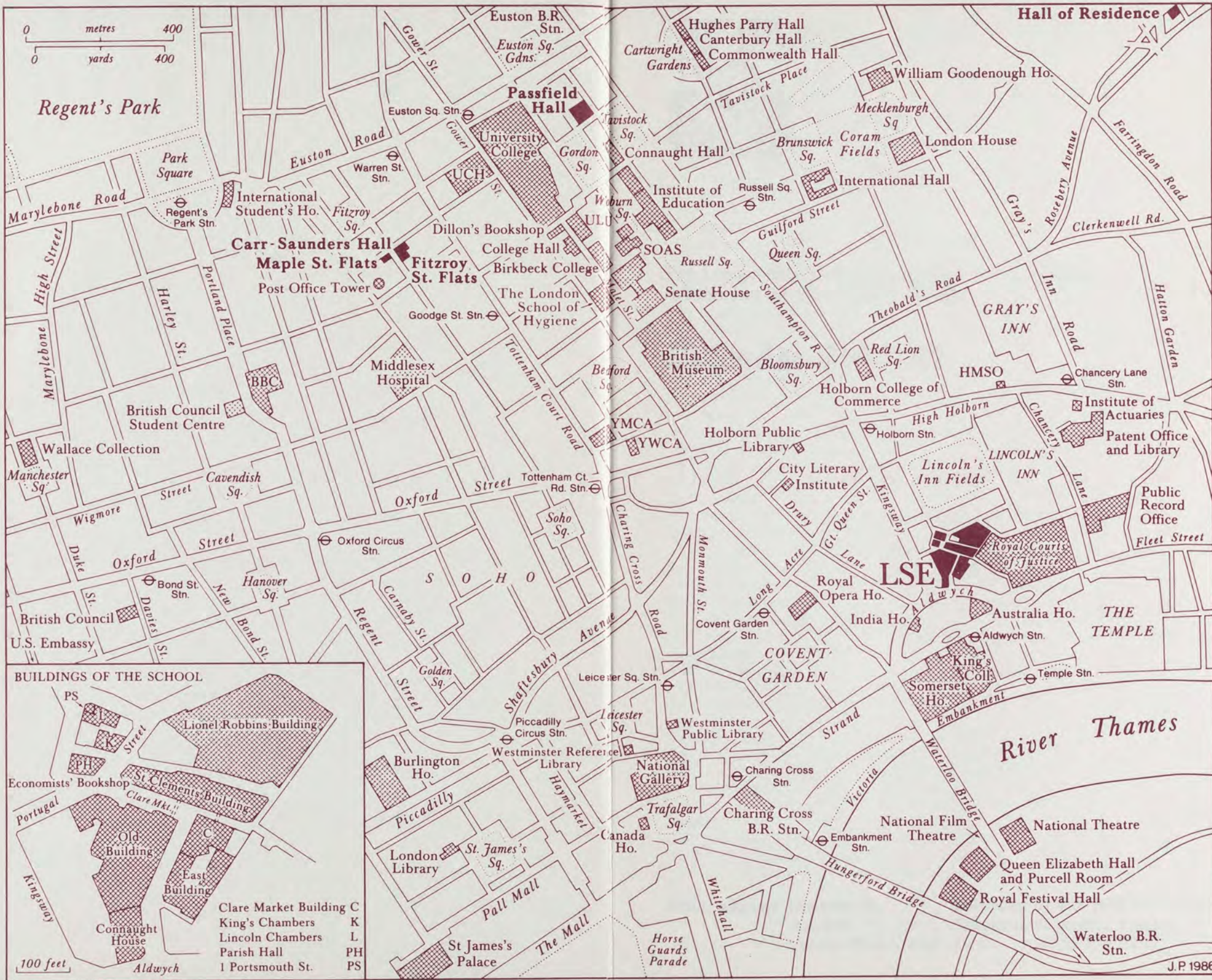


Calendar 1986-87

LSE/UNREGISTERED

27/5/12





0 metres 400
0 yards 400

Regent's Park

Marylebone Road

High Street

Wallace Collection

Manchester Sq.

Wigmore Street

Duke Street

Bond St. Stn.

British Council

U.S. Embassy

BUILDINGS OF THE SCHOOL



100 feet

Carr-Saunders Hall
Maple St. Flats
Post Office Tower

Fitzroy St. Flats

Passfield Hall

University College

UCH

Dillon's Bookshop

College Hall

Birkbeck College

The London School of Hygiene

Middlesex Hospital

BBC

British Council Student Centre

Wallace Collection

Manchester Sq.

Wigmore Street

Duke Street

Bond St. Stn.

British Council

U.S. Embassy

Oxford Street

Oxford Circus Stn.

Regent Street

Golden Sq.

Leicester Sq. Stn.

Westminster Reference Library

St. James's Palace

St. James's Sq.

London Library

St. James's Palace

The Mall

Cartwright Gardens

Hughes Parry Hall

Canterbury Hall

Commonwealth Hall

William Goodenough Ho.

Mecklenburgh Sq.

Coram Fields

London House

International Hall

Institute of Education

SOAS

Senate House

British Museum

YMCA

YWCA

Holborn Public Library

City Literary Institute

Royal Opera Ho.

India Ho.

Australia Ho.

King's Coll. Ho.

Somerset Ho.

National Gallery

Trafalgar Sq.

Canada Ho.

Charing Cross Stn.

Charing Cross B.R. Stn.

National Film Theatre

National Theatre

Queen Elizabeth Hall and Purcell Room

Royal Festival Hall

LSE

River Thames

J.P. 1986



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

Calendar 1986-87

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

Calendar 1986-87

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 Psychology (Social)
 Social Administration
 Sociology
 Statistical and Mathematical Sciences
 Sea-Use
 Subject Index for Study Guides
 Index to Teachers' Names
 794 General Index
 802 Books, Journals, Economists' Bookshop

Academic Officers

Director: Dr. I. G. Patel
Pro-Director: Professor R. A. Pinker
Vice-Chairman of the Academic Board: Professor K. Bourne
Chairman of the Graduate School Committee: Professor L. H. Leigh
Dean of the Graduate School: Dr. T. J. Nossiter
Dean of Undergraduate Studies: Dr. Celia M. Phillips
Advisor to Women Students: Dr. Janet E. Stockdale
Advisor to Disabled Students: Miss Sally B. Sainsbury

Dates of Terms

Session 1986-87

Michaelmas Term: Thursday, 2 October 1986 to Friday, 12 December 1986
 (Teaching begins Monday, 6 October 1986)

Lent Term: Monday, 12 January 1987 to Friday, 20 March 1987

Summer Term: Monday, 27 April 1987 to Friday, 3 July 1987

Session 1987-88

Michaelmas Term: Thursday, 1 October 1987 to Friday, 11 December 1987
 (Teaching begins Monday, 5 October 1987)

Lent Term: Monday, 11 January 1988 to Friday, 18 March 1988

Summer Term: Monday, 25 April 1988 to Friday, 1 July 1988

Opening Times of the School Buildings

The School buildings are normally open as follows:

In term: Mondays to Fridays- 9.30 a.m. to 9.30 p.m.
 Saturdays - 9.30 a.m. to 1.00 p.m.

In vacation: Mondays to Fridays- 9.30 a.m. to 6.00 p.m.

Calendar of Events 1986-87

(University functions in Italics)

September 1986

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

Academic Officers

Director: Dr. I. G. Part

Vice-Director: Professor R. W. F. ...

Vice-Chairman of the Academic Board: Professor ...

Chairman of the Graduate School Committee: Professor ...

Dean of the Graduate School: Dr. T. ...

Dean of Undergraduate Studies: Dr. C. M. ...

Dean of Women's Studies: Dr. ...

Dean of Business Studies: Dr. ...

Dean of Health Services: Dr. ...

October 1986

1	W	<i>University Michaelmas Term begins</i>
2	Th	School Michaelmas Term begins
3	F	
4	S	
5	S	
6	M	
7	T	5.15 p.m. Standing Committee
8	W	9.30 a.m. Information Technology Committee of the Academic Board 2 p.m. Standing Sub-Committee of the Appointments Committee 2.30 p.m. Board of Studies in Economics
9	Th	
10	F	
11	S	
12	S	
13	M	
14	T	1 p.m. Publications Committee 2 p.m. Academic Studies Committee
15	W	2 p.m. General Purposes Committee 4.30 p.m. Graduate School Committee
16	Th	
17	F	
18	S	
19	S	
20	M	2 p.m. Meeting of the Professors of Economics 5.30 p.m. Building Committee
21	T	10 a.m. Admissions Committee
22	W	2 p.m. Appointments Committee 4.30 p.m. Research Committee 8 p.m. Director's Reception for Academic Staff
23	Th	4 p.m. Athletics Committee
24	F	
25	S	
26	S	
27	M	4 p.m. Academic Council Meeting
28	T	10.30 a.m. Nursery Sub-Committee
29	W	2 p.m. Academic Board 4.30 p.m. Library Committee
30	Th	10 a.m. Committee on Administrative and Library Staffs 5 p.m. LSE/AUT Joint Negotiating and Consultative Committee 8 p.m. Director's Reception for Academic Staff
31	F	

1	S	
2	S	
3	M	
4	T	5.15 p.m. Standing Committee
5	W	10.30 a.m. Information Technology Services Users' Forum 2 p.m. Standing Sub-Committee of the Appointments Committee 4.30 p.m. Meeting of the Senate
6	Th	5 p.m. External Relations Committee
7	F	10 a.m. Committee on Student Numbers 2 p.m. Committee on the Welfare of Overseas Students
8	S	
9	S	
10	M	2 p.m. Meeting of the Professors of Economics 4.15 p.m. Student Health Service Committee
11	T	2 p.m. Academic Studies Committee 5 p.m. Committee on Undergraduate Studies
12	W	2 p.m. General Purposes Committee 4.30 p.m. Graduate School Committee
13	Th	2 p.m. Co-ordinating Committee
14	F	
15	S	
16	S	
17	M	2 p.m. Staff Research Fund Committee 5 p.m. Information Technology Panel
18	T	5.15 p.m. Joint Meeting of Standing Committee and Student Governors
19	W	11 a.m. Student Support Committee 2 p.m. Appointments Committee
20	Th	2.30 p.m. Board of Studies in Economics
21	F	2 p.m. Inter-Halls Committee
22	S	
23	S	
24	M	3 p.m. Catering Services Advisory Committee
25	T	10 a.m. Admissions Committee
26	W	9.30 a.m. Information Technology Committee of the Academic Board 12 noon Conference Grants Sub-Committee 2 p.m. Academic Board
27	Th	2 p.m. Committee on Accommodation 4 p.m. Careers Advisory Service Committee
28	F	2 p.m. Safety Committee
29	S	
30	S	

1	M	2 p.m. Meeting of the Professors of Economics 5.30 p.m. Building Committee
2	T	5.15 p.m. Standing Committee
3	W	Presentation Day
4	Th	5 p.m. LSE/AUT Joint Negotiating and Consultative Committee
5	F	2.15 p.m. Committee on Official Publications and Student Publicity
6	S	
7	S	
8	M	10 a.m. Committee on Administrative and Library Staffs 4 p.m. Academic Council Meeting
9	T	1 p.m. Publications Committee 2 p.m. Academic Studies Committee 5 p.m. Committee on Undergraduate Studies 5.30 p.m. School Carol Service
10	W	University Michaelmas Term ends 2 p.m. Graduate School Committee 4.30 p.m. Research Committee 4.30 p.m. Meeting of the Senate
11	Th	10.30 a.m. Nursery Sub-Committee 5 p.m. Court of Governors
12	F	School Michaelmas Term ends
13	S	
14	S	
15	M	
16	T	
17	W	
18	Th	
19	F	
20	S	
21	S	
22	M	
23	T	
24	W	9.30 p.m. School buildings close for Christmas holiday
25	Th	Christmas Day
26	F	Public Holiday
27	S	
28	S	
29	M	
30	T	
31	W	

1	Th	Public Holiday
2	F	
3	S	
4	S	
5	M	9.30 a.m. School buildings re-open
6	T	
7	W	<i>University Lent Term begins</i>
8	Th	
9	F	
10	S	
11	S	
12	M	School Lent Term begins
13	T	2 p.m. Academic Studies Committee 5.15 p.m. Standing Committee
14	W	<i>Presentation Day</i> 2 p.m. Standing Sub-Committee of the Appointments Committee 2.30 p.m. <i>Board of Studies in Economics</i>
15	Th	
16	F	
17	S	
18	S	
19	M	2 p.m. Meeting of the Professors of Economics
20	T	
21	W	9.30 a.m. Information Technology Committee of the Academic Board 12 noon Conference Grants Sub-Committee 2 p.m. General Purposes Committee 4.30 p.m. Graduate School Committee
22	Th	
23	F	
24	S	
25	S	
26	M	
27	T	5 p.m. Committee on Undergraduate Studies 5 p.m. Investments Committee
28	W	2 p.m. Appointments Committee 4.30 p.m. Library Committee 4.30 p.m. Research Committee
29	Th	2 p.m. Committee on Administrative and Library Staffs 4 p.m. Athletics Committee
30	F	
31	S	

1	S	
2	M	
3	T	10 a.m. Admissions Committee 5.15 p.m. Standing Committee
4	W	2 p.m. Standing Sub-Committee of the Appointments Committee
5	Th	5 p.m. External Relations Committee
6	F	2.15 p.m. Committee on Official Publications and Student Publicity
7	S	
8	S	
9	M	4.15 p.m. Student Health Service Committee
10	T	2 p.m. Academic Studies Committee
11	W	(all day) Standing Sub-Committee of the Appointments Committee 10.30 a.m. Information Technology Services Users' Forum 4.30 p.m. <i>Meeting of the Senate if required</i>
12	Th	5 p.m. LSE/AUT Joint Negotiating and Consultative Committee
13	F	9.30 a.m. Standing Sub-Committee of the Appointments Committee
14	S	
15	S	
16	M	2 p.m. Meeting of the Professors of Economics 4 p.m. <i>Academic Council Meeting</i>
17	T	
18	W	11 a.m. Student Support Committee 2 p.m. Academic Board 4.30 p.m. Graduate School Committee
19	Th	
20	F	2 p.m. Committee on the Welfare of Overseas Students
21	S	
22	S	
23	M	2 p.m. Staff Research Fund Committee
24	T	1 p.m. Publications Committee 5.15 p.m. Joint Meeting of the Standing Committee and Student Governors
25	W	9.30 a.m. Information Technology Committee of the Academic Board 2 p.m. Appointments Committee 2.30 p.m. <i>Board of Studies in Economics</i> 4.30 p.m. General Purposes Committee
26	Th	2 p.m. Co-ordinating Committee
27	F	10 a.m. Committee on Student Numbers 2 p.m. Safety Committee
28	S	

1	S	
2	M	3 p.m. Catering Services Advisory Committee
3	T	2 p.m. Academic Studies Committee
4	W	4.30 p.m. Graduate School Committee
5	Th	2 p.m. Committee on Accommodation
6	F	
7	S	
8	S	
9	M	6 p.m. Building Committee
10	T	5 p.m. Committee on Undergraduate Studies
11	W	Presentation Day 12 noon Conference Grants Sub-Committee 2 p.m. Academic Board 2 p.m. Inter-Halls Committee
12	Th	4 p.m. Athletics Committee 5 p.m. LSE/AUT Joint Negotiating and Consultative Committee
13	F	
14	S	
15	S	
16	M	2 p.m. Meeting of the Professors of Economics 5 p.m. Information Technology Panel
17	T	10 a.m. Admissions Committee 5.15 p.m. Standing Committee
18	W	University Lent Term ends 4.30 p.m. Research Committee 4.30 p.m. Meeting of the Senate
19	Th	10.30 a.m. Nursery Sub-Committee 2 p.m. Committee on Administrative and Library Staffs 5 p.m. Court of Governors
20	F	School Lent Term ends
21	S	
22	S	
23	M	
24	T	
25	W	
26	Th	
27	F	
28	S	
29	S	
30	M	
31	T	

1	W	
2	Th	
3	F	
4	S	
5	S	
6	M	4 p.m. Academic Council Meeting
7	T	
8	W	
9	Th	
10	F	
11	S	
12	S	
13	M	
14	T	
15	W	9.30 p.m. School buildings close for Easter holiday
16	Th	
17	F	
18	S	
19	S	Easter Sunday
20	M	
21	T	
22	W	University Summer Term begins
23	Th	9.30 a.m. School buildings re-open
24	F	
25	S	
26	S	
27	M	School Summer Term begins
28	T	2 p.m. Academic Studies Committee
29	W	2.30 p.m. Board of Studies in Economics
30	Th	

1	F	
2	S	
3	S	
4	M	May Day Public Holiday
5	T	5.15 p.m. Standing Committee
6	W	9.30 a.m. Information Technology Committee of the Academic Board 2 p.m. Standing Sub-Committee of the Appointments Committee 4.30 p.m. Graduate School Committee
7	Th	2 p.m. Co-ordinating Committee
8	F	2 p.m. Committee on the Welfare of Overseas Students
9	S	
10	S	
11	M	2 p.m. Staff Research Fund Committee
12	T	10 a.m. Admissions Committee 2 p.m. Committee on Administrative and Library Staffs 5 p.m. Committee on Undergraduate Studies 6.30 p.m. Graduand's Reception
13	W	<i>Presentation Day</i> 11 a.m. Student Support Committee 2 p.m. General Purposes Committee
14	Th	4 p.m. Careers Advisory Service Committee 4 p.m. Athletics Committee
15	F	11.30 a.m. Inter-Halls Committee
16	S	
17	S	
18	M	2 p.m. Meeting of the Professors of Economics 4 p.m. <i>Academic Council Meeting</i> 4.15 p.m. Student Health Service Committee
19	T	5.15 p.m. Joint Meeting of the Standing Committee and the Student Governors
20	W	10.30 a.m. Information Technology Services Users' Forum 2 p.m. Appointments Committee 4.30 p.m. Research Committee 4.30 p.m. <i>Meeting of the Senate</i>
21	Th	5 p.m. LSE/AUT Joint Negotiating and Consultative Committee
22	F	
23	S	
24	S	
25	M	Spring Bank Holiday
26	T	Undergraduate Examinations begin 2 p.m. Academic Studies Committee
27	W	2 p.m. Academic Board 4.30 p.m. Library Committee
28	Th	
29	F	
30	S	
31	S	

1	M	
2	T	1 p.m. Publications Committee 5.15 p.m. Standing Committee
3	W	2 p.m. Standing Sub-Committee of the Appointments Committee 4.30 p.m. Graduate School Committee
4	Th	2 p.m. Committee on Accommodation
5	F	
6	S	
7	S	
8	M	
9	T	2.15 p.m. Committee on Official Publications and Student Publicity
10	W	9.30 p.m. Information Technology Committee of the Academic Board 2 p.m. General Purposes Committee 2 p.m. Inter-Halls Committee 2.30 p.m. <i>Board of Studies in Economics</i>
11	Th	
12	F	Undergraduate Examinations end 10 a.m. Committee on Student Numbers
13	S	
14	S	
15	M	3 p.m. Catering Services Advisory Committee
16	T	
17	W	2 p.m. Appointments Committee
18	Th	5 p.m. External Relations Committee
19	F	2 p.m. Safety Committee
20	S	Open Day
21	S	
22	M	10 a.m. (all day) Committee on Administrative and Library Staffs 5.30 p.m. Building Committee
23	T	5 p.m. Investments Committee
24	W	12 noon Conference Grants Sub-Committee 2 p.m. Academic Board 4.30 p.m. Research Committee
25	Th	4 p.m. Athletics Committee
26	F	
27	S	
28	S	
29	M	2 p.m. Meeting of the Professors of Economics 4 p.m. <i>Academic Council Meeting</i> 5 p.m. Information Technology Panel
30	T	5.15 p.m. Standing Committee

1	W	<i>University Summer Term ends</i>
2	Th	5 p.m. LSE/AUT Joint Negotiating and Consultative Committee
3	F	School Summer Term ends
4	S	
5	S	
6	M	
7	T	<i>2 p.m. Meeting of the College Board</i>
8	W	<i>4.30 p.m. Meeting of the Senate</i>
9	Th	5 p.m. Court of Governors
10	F	<i>2 p.m. Meeting of the Collegiate Committee of Examiners</i>
11	S	
12	S	
13	M	
14	T	
15	W	
16	Th	
17	F	
18	S	
19	S	
20	M	
21	T	
22	W	
23	Th	
24	F	
25	S	
26	S	
27	M	
28	T	
29	W	
30	Th	
31	F	

History of the School

The founding of the School marked the conjunction of a need with an opportunity. The need was for a centre where political and social problems could be studied as profoundly as they were being studied in universities on the Continent and in America. The opportunity came when Henry Hunt Hutchinson, a member of the Fabian Society, died in 1894 leaving instructions that Sidney Webb and four other trustees were to dispose of the residue of his estate for socially progressive purposes, but otherwise more or less as they thought fit. Sidney Webb working without 'the formalities of charters and incorporations, of public subscriptions and government grants, boards of trustees and governors' collected subscriptions and started his School. Its aim was to contribute to the improvement of society by promoting the impartial study of its problems and the training of those who were to translate policy into action.

The School opened modestly in October 1895 in rooms at 9 John Street, Adelphi, moving next year to 10 Adelphi Terrace, later the home of George Bernard Shaw. It was here in November 1896 that the School's library, The British Library of Political and Economic Science, was started. From the first the School set itself to cater for older students as well as for those of normal university age, attracting them particularly from business and administration; and from the first held itself open equally to students of both sexes.

Once the University of London had reorganised itself in 1900 and established a Faculty of Economics and Political Science, the School joined the University, its three-year course providing the basis of the new B.Sc. (Econ.) degree. Since the formality of its new position required the School to regularise its constitution, it was incorporated as a limited company not trading for profit, on 18 June 1901, with Sidney Webb as Chairman of the Governors. The Memorandum of Association (Section 3 vii) authorised the School to promote 'the study and advancement of Economics or Political Economy, Political Science or Political Philosophy, Statistics, Sociology, History, Geography, and any subject cognate to any of these'. And Article 28 of the Articles of Association stated that 'no religious, political, or economic test or qualification shall be made a condition for or disqualify from receiving any of the benefits of the Corporation, or holding any office therein; and no member of the Corporation, or professor, lecturer or other officer thereof, shall be under any disability or disadvantage by reason only of any opinions that he may hold or promulgate on any subject whatsoever'. Sidney Webb may have hoped that the study of society and social problems would lead to social, economic and political developments congenial to him and other Fabians; but he firmly established the principle that the School was not to be the servant of any political or economic dogma, but only of the impartial pursuit of knowledge and understanding. This was emphasized in the adoption by the School in February 1922 of the motto from Virgil (*Felix qui potuit rerum cognoscere causas*, and of the coat of arms depicting books (for learning) and the beaver "as an industrious animal with social habits."

Much of the development of the social sciences in this country has its origins in work done at the School. Four Nobel Prizes in Economics have been awarded to former members of Staff at the School (Sir John Hicks, Sir Arthur Lewis, Professor J. E. Meade and Professor F. A. von Hayek); but, as the list of subjects in the original Articles of Association suggests, the School's work has concerned the social sciences in the widest senses of that term, both theoretical and empirical, quantitative and humanistic. Among further examples of the School's contribution the development of the Sociology department (the oldest in the country — the first lectureship was established in 1904), or of the department of Social Science and Administration, established in 1912 "for those who wish to prepare themselves to engage in the many forms of social and charitable effort" (later it offered one of the first university courses for professional social workers); Anthropology as it is currently practised owes much to the pioneering work at the School of Malinowski and others in the 1920s; in 1924, one of the first Chairs in International Relations was established at the School; in 1934, the first organized study of

Criminology began at the School. Among many distinguished former members of staff may be mentioned Sir Raymond Firth, Morris Ginsberg, Harold Laski, T. H. Marshall, Michael Oakshott, Sir Karl Popper, Lord Robbins, R. H. Tawney and Richard Titmuss.

The extent of the School's current research and teaching may be gauged from other sections of the *Calendar*. Neither is rigidly confined within departmental or subject boundaries. At first degree level, efforts have been made to ensure through the School's principal first degree, the B.Sc.(Econ.), and through course-unit degrees, that a broad training in the social sciences is combined with an element of specialization. The more specialized offerings, at first degree or graduate level, draw on the insights of other approaches to enable students to take a broader view; and for many years advantage has been taken of the federal structure of the University of London to offer teaching on an intercollegiate basis in some subjects.

From the first it was intended that the School's work should be of service to the community. As early as 1903, members of staff were offering expert advice to a Royal Commission on Taxation, and since then many have engaged in many forms of public service, in advising and participating in commissions and enquiries, in attachments as civil servants, in consultancy work at home and abroad; some have entered public life directly (Clement Attlee, later Prime Minister, lectured at the School in the early 1920s). Research at the School has been disseminated through a series of journals, starting with *Economica*, established in 1921. The School has also offered teaching designed to be of direct relevance to those in employment. At different times there have been special courses for specific groups such as railway staff, social workers, bankers, trades union officials, personnel managers and civil servants in many different branches of government. A B.Comm. degree was offered, combining vocational and general training for business and commercial life; and much of the apparently more academic research and teaching of the School has been of direct value to business and commerce. Many of the School's former students have held important positions in industry and commerce, in the professions and in public service in many parts of the world. Some of the world's major businesses — and many of its governments — have been led by alumni of the School. At any one time, several Governors of Central Banks, dozens of Government Ministers and several scores of Members of Parliaments may be former students — as are nearly 30 members of the present United Kingdom Parliament.

As the School's academic interests grew more various, so student numbers grew. In the first session, there were 300 students. Immediately after the First World War there were 2,900, and numbers remained at around that level for some years. In the early years, most students attended on an occasional basis, often at evening lectures; however, within the total number of students the patterns of study changed markedly. The proportion of students reading for degrees rose from a third in 1920 to a half in 1939, and two-thirds in 1946. The proportion of students attending evening teaching fell from a half in 1920 to a third in 1939, and to a quarter in 1946. As opportunities for full-time study expanded both in the universities and in the public sector and financial support for students increased, the composition of the School's student body came closer to the conventional pattern of primarily full-time studies for degrees and other awards (the separate organization of evening teaching for first degrees ceased in the 1960s).

However, the School is still in some important respects unusual among British universities. As the founders originally intended, the School welcomes 'mature' students — at present, about 14% of the undergraduate students are over 23. There is also a high proportion of postgraduate students (and, among them, of part-time students). From very early days, students have come to the School from many countries: in the 1920s and 1930s between 20% and 25% of students were from overseas, and in the 1960s, the proportion rose to about one-third and to 40% by 1984. Similarly, the range of countries of origin of students has been wide; in 1921 the Director claimed that at the School one could 'survey mankind from China to Peru' and among the countries represented were Albania and Georgia (in its brief period of independence). Nowadays,

as shown in the statistics published elsewhere in the *Calendar*, over 100 countries can be represented among the School's students, and though political and economic change may affect the fortunes of students from particular countries, the overall importance of the overseas student in the School's life has not diminished.

Similarly, there are many contacts between the School and overseas organizations and academic institutions. Every year, some 100 academic visitors come from abroad to work at the School, and many eminent scholars and public figures have come to lecture and debate, or to attend seminars.

One of the recurring themes in successive *Directors' Reports* has been the pressure of numbers and shortage of space. The School's situation close to the centres of government, finance, the law, business and journalism in central London is of obvious importance for the School's work; but space has always been a problem. At the beginning of the century, the area between Holborn and the Strand east of Covent Garden (which had in Dickens's day been notorious for its criminality and was still one of the poorest in London) was undergoing a general redevelopment, with the construction of Kingsway and Aldwych. In 1902, the London County Council provided the site in Clare Market for a building which was funded by Mr. Passmore Edwards and others, but by 1913 the Passmore Edwards Hall was seriously overcrowded: in 1919/20, some teaching had to be accommodated in disused Army huts on the site now occupied by Australia House. Houghton Street was at that time a street of small houses and shops with a public house (whose name, The Three Tuns, is still used for the Students' Union Bar) and a boys' grammar school. King George V laid the foundation stone of the Main Building in 1920, and the Building was opened in 1922; it was extended and remodelled more than once (the *Directors' Report* for 1924/5 refers to the remark that the School was 'an empire on which the concrete never set'). The East Building was erected in 1931 on the site of the boys' school.

In the Second World War, the School's buildings were requisitioned for Government use, and the School was evacuated, with other London colleges, to Cambridge. Teaching and residential accommodation, together with access to social and sporting facilities, were generously made available by Peterhouse, and special arrangements were made for the School in the Cambridge University Libraries. Some teaching continued to be offered in London, with the assistance of Birkbeck College.

After the return to Houghton Street, student numbers began to rise, as they did nationally. Indeed, by the late 1950s, there was extreme competition for admission to university and pressure on facilities, leading to the Government enquiry chaired by Lord Robbins which reported in 1962 and led to the policy of national expansion of University facilities of the 1960s and 1970s. The School experienced its fair share of such pressures, and continued to search for more space. The St. Clement's Building opened in 1961 after conversion following its acquisition from the St. Clement's Press, who published and printed *The Financial Times* there. In the early 1960's, new universities were being established on 'green field' sites in several parts of the country, and there was discussion of a plan to move the School to completely new premises on a site offered by the London Borough of Croydon; but a location in central London was held to outweigh the benefits of campus life in Croydon. Connaught House, where the School's administrative offices are now centred, was leased in 1966. The St. Clement's extension and Clare Market Building were opened in 1970 on the site of the former Government Laboratory and various houses previously rented by the School. One writer's view is that, as a result of piecemeal development over the years, 'the buildings bear the marks of growth by accident and accretion, connected by bridges and different levels, full of corridors that end abruptly, connections that no rational man could expect.' Other buildings have been used from time to time, notably on the 'Island Site' between Portugal Street and Sheffield Street. A little further afield, but still within walking distance of the School, are student residences (two of which were acquired through the generosity of the Anonymous Donor who has contributed so much to the wellbeing of the University of London). Land at New Malden has been used for playing fields since the 1920s.

Houghton Street remains, however, the focus of the School's life; and the most dramatic relief from overcrowding came in 1978, when the British Library of Political and Economic Science moved into Strand House, the former headquarters of W. H. Smith and Son, now renamed the Lionel Robbins Building, in honour of the distinguished former member of staff and Chairman of the Governors who had led the successful appeal for funds to acquire the building. In one move, the School obtained 60% more space; at last there was reasonable room not only for teaching, but also for general amenities for staff and students. In subsequent years, much has been done to improve the look of Houghton Street; the local authorities were persuaded to close the street to motor traffic in 1975, and in 1982, an anonymous donor enabled the stonework to be cleaned, the street to be paved over, and plants to be established, to make a pedestrian precinct at the School's centre.

Over the years, the School has owed much to the generosity of organizations and individuals. For many years, the former London County Council gave invaluable support, and as part of the University of London the School has enjoyed its share of government funding through the University Grants Committee; but private funding, much of it from overseas, has played its part. The Ratan Tata Foundation helped fund early work in Social Administration; many of the developments of the 1920s and 1930s could not have taken place without the help of the Laura Spellman Rockefeller Memorial. In recent years, the support given to research at the School by many different public and private organizations (pre-eminent amongst which is the support of Suntory Ltd. and Toyota Ltd. for the International Centre for Economics and Related Disciplines), and the response to the School's Library Appeal and 1980s Fund Appeal for financial support for students, testify to the importance attached world wide to the continuing vitality of the School's work, and to its standing as a major international institution in the Social Sciences.

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Economic History: Professor L. Hannah
Economics: Professor P. R. G. Layard
Geography: Professor D. R. Diamond
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Dr. D. F. Hartley

Officer Responsible: Mr. Quentin C. Maxwell-Jackson

nominated by the Academic Board

Co-opted members

LIBRARY PANEL (a sub-committee of the Standing Committee)

The Director

The Pro-Director

The Librarian

The Chairman of the Library Committee

(Mr. D. J. Sinclair)

Rt. Hon. Lord Dainton (Chairman)

Sir John Burgh

Mr. R. E. Bird

Professor R. M. Farr

Professor K. R. Minogue

Professor A. Hopwood

Officer Responsible: Mr. Adrian Hall

nominated by the Court of Governors

nominated by the Academic Board

nominated by the Standing Committee

ex officio

BUILDING COMMITTEE

The Director

The Pro-Director

The General Secretary of the Students' Union

(Mr. Peter Wilcock)

The Senior Treasurer of the Students' Union

(Mr. Rory O'Driscoll)

Mr. S. F. Wheatcroft (Chairman)

Mr. I. C. Clarke

Mr. D. J. Goldstone

Mr. J. Selier

Mrs. J. F. S. Day

Mr. C. J. Hunt

Dr. D. McKnight

Dr. A. E. M. Seaborne

Dr. M. Walker

Two student members nominated by the Students' Union

Officer Responsible: The Bursar

ex officio

nominated by the Academic Board

HONORARY FELLOWS COMMITTEE

The Chairman of the Court of Governors

The Vice-Chairman of the Court of Governors

The Director

The Pro-Director

The Vice-Chairman of the Academic Board

(Professor K. Bourne)

Rt. Hon. Lord Dainton

Sir Arthur Knight

Mr. A. J. L. Barnes

Dr. M. Leifer

Professor K. E. Thurley

Professor E. A. Wrigley

Officer Responsible: Miss Jennifer A. Pinney

ex officio

nominated by the Academic Board

INVESTMENTS COMMITTEE

- The Chairman of the Court of Governors
- The Vice-Chairman of the Court of Governors
- The Director
- The Pro-Director
- Sir Anthony Burney (Chairman)
- Mr. C. H. Barclay
- Rt. Hon. Lord Donoughue
- Professor C. A. E. Goodhart
- Mr. E. de Rothschild
- (Vacancy)
- Officer Responsible:* Finance Officer

} *ex officio*

Committees of the Academic Board

GENERAL PURPOSES COMMITTEE

- The Director (Chairman)
- The Pro-Director
- Vice-Chairman of the Academic Board
(Professor K. Bourne)
- The Dean of the Graduate School
(Dr. T. J. Nossiter)
- The Dean of Undergraduate Studies
(Dr. C. M. Phillips)
- The General Secretary of the Student's Union
(Mr. Peter Wilcock)
- The Graduate Affairs Officer of the Student's Union Executive
(Mr. John Hawkins)

} *ex officio*

Four student members nominated by the Students' Union

- Professor M. J. Desai
- Dr. A. L. Hall
- Professor J. Hobcraft
- Professor K. R. Minogue
- Ms. H. M. Scoging
- Dr. A. P. E. L. Sealy
- Mr. R. K. Stamper
- Dr. D. Stevenson
- Mr. P. Windsor

Officer Responsible: Dr. Catherine Manthorpe

CONFERENCE GRANTS SUB-COMMITTEE

- The Director
- The Pro-Director
- Professor D. A. Martin
- Dr. M. Leifer
- Dr. T. J. Nossiter
- Officer Responsible:* Mr. Bryan Pearce

} *ex officio*

CO-ORDINATING COMMITTEE

- The Director (Chairman)
- The Pro-Director
- The Vice-Chairman of the Academic Board
(Professor K. Bourne)
- The Vice-Chairman of the Appointments Committee
(Professor E. A. Wrigley)
- The Dean of the Graduate School
(Dr. T. J. Nossiter)
- The Dean of Undergraduate Studies
(Dr. C. M. Phillips)
- The Chairman of the Graduate School Committee
(Professor L. H. Leigh)
- The Chairman of the Academic Studies Committee
(Professor A. B. Atkinson)
- The Chairman of the Research Committee
(Professor D. R. Diamond)
- The Chairman of the Admissions Committee
(Mr. A. J. Beattie)

} *ex officio*

- Mr. D. E. Baines
- Mr. M. D. Donelan

} *nominated by the Academic Board*

The Committee may co-opt to its membership such persons and for such periods as it thinks fit.

Officer Responsible: Academic Registrar

ACADEMIC STUDIES COMMITTEE

- The Director
- The Pro-Director
- The Dean of Undergraduate Studies
(Dr. C. M. Phillips)
- Professor A. B. Atkinson (Chairman)
- Mr. R. F. G. Alford
- Mr. J. Davidson
- Mr. M. Falkus
- Mr. G. Grün
- Dr. B. S. Johnson
- Mr. D. K. C. Jones
- Dr. N. P. Mouzelis
- Mr. A. G. L. Nicol
- Mr. C. W. Noke
- Dr. A. N. Oppenheim
- Dr. J. Overing
- Mr. M. J. Reddin
- Dr. R. Richardson
- Mr. N. A. Sims
- Mr. E. Thorp
- Dr. J. Worrall
- (Vacancy)

} *ex officio*

Officer Responsible: Dr. I. L. Stephenson

COMMITTEE ON STUDENT NUMBERS

The Director
 The Pro-Director
 Professor K. Bourne (Vice-Chairman of the Academic Board)
 Mr. A. J. Beattie (Chairman of the Admissions Committee)
 Dr. P. G. Taylor (Vice-Chairman of the Admissions Committee)
 Professor L. H. Leigh (Chairman of the Graduate School Committee)
 Dr. T. J. Nossiter (Dean of the Graduate School)
 Dr. C. M. Phillips (Dean of Undergraduate Studies)
 Mr. J. Potter (Senior Tutor to General Course Students)
 Professor A. B. Atkinson (Chairman of the Academic Studies Committee)
Officer Responsible: Dr. I. L. Stephenson

COMMITTEE ON ACCOMMODATION

The Director
 The Pro-Director
 The Vice-Chairman of the Academic Board
 (Professor K. Bourne) } *ex officio*
 The General Secretary of the Students' Union (Mr. Peter Wilcock)
 Mr. D. W. Balmer
 Dr. B. S. Johnson
 Dr. D. McKnight
 Mr. D. B. O'Leary
 Dr. R. J. Paul
 Ms. M. E. Percival
 Miss S. B. Sainsbury
 Dr. D. Stevenson

Four student members nominated by the Students' Union
Officer Responsible: Mr. C. J. T. Braybrook

CAREERS ADVISORY SERVICE COMMITTEE

The Director
 The Pro-Director } *ex officio*
 Dr. C. M. E. Whitehead (Chairman)
 Mrs. J. Denton
 Miss L. M. Dugdale
 Mrs. K. F. Russell
 Mr. E. C. Sosnow
 Mr. S. F. Wheatcroft
 Mr. M. C. Burrage
 Dr. C. J. Hill
 Dr. J. Le Grand
 Dr. D. C. B. Lieven
 Mr. C. W. Noke
 Mr. M. J. Reddin
 Dr. D. Stevenson
 Ms. J. Temkin

} *nominated by the Court of Governors*

Nine student members
Officer Responsible: Academic Registrar

GRADUATE SCHOOL COMMITTEE

The Director
 The Pro-Director } *ex officio*
 Professor L. H. Leigh (Chairman)
 Mr. T. J. Nossiter (Dean)
 Professor R. J. Bennett
 Dr. P. W. Birnie
 Professor K. Bourne
 Professor M. Bromwich
 Dr. M. I. A. Bulmer
 Mr. A. L. Gooch
 Professor F. Halliday
 Dr. D. McKnight
 Mr. M. Murphy
 Dr. A. N. Oppenheim
 Dr. A. Swingewood
 Mr. L. A. Wolf-Phillips
 Dr. S. J. Wood
 Dr. E. G. Zahar
 Three vacancies (Economics and Economic History departments)
Officer Responsible: Mr. P. J. Wallace

INFORMATION TECHNOLOGY COMMITTEE OF THE ACADEMIC BOARD

The Director
 The Pro-Director
 Chairman of the Information Technology Users' Forum
 (Dr. C. Board) } *ex officio*
 Vice-Chairman of the Academic Board
 (Professor K. Bourne)
 The Librarian
 Professor A. Harvey (Chairman)

Ms. J. M. Aitchison
 Mr. R. F. G. Alford
 Professor R. J. Bennett
 Dr. G. D. Gaskell
 Mrs. D. Irving
 Mr. J. M. Jacob
 Professor D. Metcalf
 Dr. D. B. O'Leary
 Mr. S. C. Smithson
 Dr. M. Walker
 Dr. P. Crocker (Director of Information Technology in attendance at all meetings)
Officer Responsible: Mr. Quentin C. Maxwell-Jackson

NORTHERN STUDIES COMMITTEE

The Director
 The Pro-Director
 The Cultural Attachés of the Nordic Countries
 To be appointed (Chairman) } *ex officio*
 Mr. D. C. Bradley
 Mr. G. A. Grün

Dr. T. J. Nossiter
 Dr. R. R. Orr
 Dr. R. Richardson
Officer Responsible: Mr. Quentin C. Maxwell-Jackson

PUBLICATIONS COMMITTEE

The Director
 The Pro-Director } *ex officio*
 The Librarian }
 Mr. J. W. Carrier (Chairman)
 Dr. G. D. Gaskell
 Dr. S. R. Hill
 Professor I. N. Nish
 Dr. S. Ramon
Officer Responsible: Mr. P. D. C. Davis

STUDENT SUPPORT COMMITTEE

The Director
 The Pro-Director
 Mr. A. J. Beattie } *ex officio*
 (Chairman of the Admissions Committee)
 Dr. P. G. Taylor }
 (Vice-Chairman of the Admissions Committee)
 The Dean of the Graduate School }
 (Dr. T. J. Nossiter)
 The Dean of Undergraduate Studies }
 (Dr. C. M. Phillips)
 Dr. M. R. Ferguson
 Mr. G. A. Grün
 Professor F. Halliday
 Dr. F. E. I. Hamilton
 Dr. M. Hebbert
 Dr. E. H. Hunt
 Mr. W. T. Murphy
 Mr. C. W. Noke
 Dr. R. J. Paul
 Mr. M. J. Reddin
 Dr. S. A. Roberts
 Mr. J. J. Thomas
 Mr. Peter Wilcock
 Two other student members
Officer Responsible: Mrs. D. Rogerson

COMMITTEE ON THE STUDENT HEALTH SERVICE

The Director
 The Pro-Director } *ex officio*
 (Advisor to Disabled Students) Miss S. B. Sainsbury
 (Advisor to Women Students) Dr. J. E. Stockdale
 Dr. C. R. Harlow (Chairman)
 Dr. M. Hebbert
 Dr. J. Lewis
 Dr. S. J. Wood

Four student members
Officer Responsible: To be appointed

COMMITTEE ON UNDERGRADUATE STUDIES

The Director
 The Pro-Director
 The Dean of Undergraduate Studies (Dr. C. M. Phillips) (Chairman)
 Senior Tutor to General Course Students (Mr. J. Potter)
 The Academic Affairs Officer of the Students' Union } *ex officio*
 One member of the academic staff of each department in the School other than the
 Department of Economics
 Two members of the academic staff of the Department of Economics
 One student member from each department in the School other than the Department
 of Economics
 Two student members from the Department of Economics
Officer Responsible: Miss R. Nixon

Appointments Committee and its Committees

APPOINTMENTS COMMITTEE

The Appointments Committee consists of the Director, the Pro-Director, all professors, any other conveners of departments and other 'heads of departments' (including the Librarian).

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

The Director
 The Pro-Director
 The Vice-Chairman of the Appointments Committee } *ex officio*
 (Professor E. A. Wrigley)
 Professor A. G. Hopwood
 Professor I. M. Lewis
 Professor K. R. Minogue
 Professor T. P. Morris
 Professor I. H. Nish
 Professor P. M. Robinson
 Professor J. W. N. Watkins
 Professor Lord Wedderburn
Officer Responsible: Dr. A. C. Forbes

RESEARCH COMMITTEE

The Director
 The Pro-Director } *ex officio*
 The Librarian }
 Professor D. R. Diamond (Chairman)
 Professor M. Bromwich
 Dr. G. D. Gaskell
 Dr. M. Leifer
 Professor K. R. Minogue
 Mr. C. A. O'Muircheartaigh
 Dr. J. P. Parry
 Dr. S. A. Roberts
 Dr. N. A. Spence
 Professor K. E. Thurley
Office Responsible: Mr. Quentin C. Maxwell-Jackson

Committees Advisory to the Director**ADMISSIONS COMMITTEE (Undergraduate Courses)**

The Director

The Pro-Director } *ex officio*

Mr. A. J. Beattie (Chairman)

Dr. P. G. Taylor (Deputy Chairman)

Mr. R. F. G. Alford

Professor K. Bourne

Professor M. J. Desai

Mr. M. D. Donelan

Dr. G. D. Gaskell

Mr. G. A. Grün

Dr. C. R. Harlow

Mr. A. Harvey

Dr. S. R. Hill

Mr. K. Klappholz

Dr. M. Leifer

Dr. D. McKay

Professor K. R. Minogue

Mr. D. F. J. Piachaud

Mr. J. Potter

Dr. R. Richardson

Ms. J. M. Rutherford

Ms. H. M. Scoging

Mr. D. N. Schiff

Dr. J. E. Stockdale

Mr. J. J. Thomas

Mr. E. Thorp

Dr. J. C. Woodburn

Officer Responsible: Miss R. Nixon**ATHLETICS COMMITTEE**

Mr. C. A. O'Muircheartaigh (Chairman)

Dr. E. A. Kuska (Vice-Chairman)

The Pro-Director

Mr. D. W. Balmer } *nominated by the Academic Board*Dr. J. E. Stockdale } *nominated by the Academic Board*Professor K. R. Minogue (*representing the Senior Common Room*)

The President of the Athletic Union

The Internal Vice-President of the Athletic Union

The External Vice-President of the Athletic Union

The General Secretary of the Athletic Union

The Treasurer of the Athletic Union

The Assistant General Secretary of the Athletic Union

Mr. A. Macduff } *(representing the Economicals Club)*Mr. D. Phelps } *(representing the Economicals Club)**Officer Responsible:* To be appointed**COMMITTEE ON ADMINISTRATIVE AND LIBRARY STAFFS**

The Director (Chairman)

The Pro-Director

Chairman of the Library Committee (Mr. D. J. Sinclair)

The Vice-Chairman of the Academic Board (Professor K. Bourne)

The Vice-Chairman of the Appointments Committee (Professor E. A. Wrigley)

Professor D. R. Diamond

Dr. R. Richardson

The Librarian

The Secretary

Officer Responsible: Miss S. S. McKenzie**LIBRARY COMMITTEE**

The Director

The Pro-Director

The Librarian

The Chairman of the Library Panel (Rt. Hon. Lord Dainton)

The General Secretary of the Students' Union

(Mr. Peter Wilcock)

The Graduate Affairs Officer of the Students' Union Executive

(Mr. John Hawkins)

Mr. D. J. Sinclair (Chairman)

To be appointed (Vice-Chairman)

Mr. R. E. Bird

Sir Frederick Dainton

Mr. A. J. L. Barnes

Dr. M. I. A. Bulmer

Professor R. M. Farr

Mr. G. A. Grün

Professor A. G. Hopwood

Dr. C. M. Lewis

Mr. W. T. Murphy

Dr. C. M. E. Whitehead

An Academic Governor Member of the Library Panel

Two student members nominated by the Students' Union

(Up to two further outside members)

Officer Responsible: The Librarian**EQUIPMENT COMMITTEE**

The Pro-Director (Chairman)

The Vice-Chairman of the Academic Board (Professor K. Bourne)

The Chairman of the Information Technology Committee of the

Academic Board (Professor A. Harvey)

Dr. D. McKnight

Mr. R. J. Paul

Mr. C. G. Torrance

Officer Responsible: Mr. C. J. T. Braybrook

COMMITTEE ON OFFICIAL PUBLICATIONS AND STUDENT PUBLICITY

The Pro-Director (Chairman)
 Dr. C. M. Phillips (Dean of Undergraduate Studies)
 Dr. T. J. Nossiter (Dean of Graduate School)
 Dr. N. Barr
 Dr. P. Earle
 Dr. R. C. Estall
 Dr. G. Gaskell
 Mr. P. Muchlinski
 Mr. J. Potter
 Mr. J. J. Thomas

Two Student members nominated
 by the Students' Union

Officer Responsible: Mr. P. J. Wallace

INTER-HALLS COMMITTEE

The Director
 The Pro-Director
 The Warden of Carr-Saunders Hall (Dr. E. A. Kuska) (Chairman)
 The Warden of Passfield Hall (Dr. M. Perlman)
 The Warden of Rosebery Avenue Hall (To be appointed)
 The Academic Resident of Fitzroy Street Flats (Mr. L. A. Roberts)
 The Academic Resident of Maple Street Flats (Dr. P. M. Urbach)

} *ex officio*

Four student representatives resident in the Carr-Saunders complex and comprising two students resident in the Hall and one resident in each block of flats elected by the Hall Society.

Two student representatives resident in Passfield Hall and elected by the Hall Society.
 Two student representatives resident in Rosebery Avenue Hall and elected by the Hall Society.

Officer Responsible: To be appointed

CATERING SERVICES ADVISORY COMMITTEE

The Director
 The Pro-Director (Chairman)
 Dr. C. M. Phillips } *representing the Senior Common Room*
 Miss J. A. Pinney }
 Miss J. Breen } *representing the Administrative Staff Common Room*
 To be appointed }
 (One Vacancy)

Four student members

Officer Responsible: To be appointed

SAFETY COMMITTEE

Professor M. Zander (Chairman)
 One representative of the ASTMS
 Two representatives of the AUT
 One representative of the EETPU
 Two representatives of NALGO
 Two representatives of the TGWU
 One representative of the SOGAT
 One representative of the ACCTS
 The Bursar

The School Health Service Officer
 The Administrative Officer Residences and Catering
 The Administrative Officer (Personnel)
 The Assistant Bursar (House Management/Services)
 The Deputy Catering Manager
 The School Nurse
 The Safety Officer
 The Library Steward

Three student members

Officer Responsible: Mr. James A. Shaw

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS

The Pro-Director
 The Welfare Officer of the Students' Union Executive
 The Dean of the Graduate School (Dr. T. J. Nossiter)
 The Dean of the Undergraduate School (Dr. C. M. Phillips)
 (Advisor to Women Students)
 Mr. J. J. Thomas (Chairman)
 Dr. N. A. Barr
 Dr. A. L. Hall
 Professor I. H. Nish
 Mr. J. Potter
 Dr. S. A. Roberts
 The Chairman of the Students' Union Committee on Overseas Students' Welfare
 Three other members nominated by the Students' Union

} *ex officio*

Officer Responsible: Mrs. D. Rogerson

Report by the Director on the Work of the School During the Session 1984-85

Introduction

It is difficult to characterise the 1984-85 session at the LSE by a single phrase. At one level, the year marked a period of transition. A new Vice-Chairman of the Court and a new Director assumed charge at the beginning of the year. The senior administrative team, as it emerged after restructuring, comprising an Academic Registrar, a Bursar and a Finance Officer working under the leadership of the Secretary, could be assembled fully only towards the end of the year. The new Librarian joined the School during the Lent Term. As the academic year drew to a close, changes were in train in the committee structure of the School, in the office of the Pro-Director and in the Chairmanship of the Court.

At a deeper level, however, the year began with a widely shared feeling that, after years of financial difficulties, the School had arrived at a new plateau of operations from which it could look forward to a steady state of consolidation and renewed strength. This was reflected in the decision to appoint three new Professors in Economics, in addition to filling the newly created Norman Sosnow Chair in Banking and Finance, and filling chairs in each of the Departments of Accounting and Finance, Economic History, Geography, Industrial Relations, and International Relations. Despite the shifting mood as the year progressed, the momentum of consolidation and progress was kept up during the year. There now seems to be every prospect of maintaining the same positive trend in 1985-86. The year under review thus marks as much a point of arrival as a period of transition.

At the same time, the new equilibrium is by no means wholly satisfactory; and there is no assurance that it will prove to be stable or durable. The financial outlook beyond 1985-86 remains highly uncertain; and much will depend on how well we fare under the new and selective dispensation of the University Grants Committee which is currently engaged on the task of defining a new base-line for recurrent grant over the next several years. With declining real resources for the British university system as a whole, at the least till 1987-88, the chances of securing level-funding must be considered slender even for the institutions which rank as front-runners in research performance and potential. From a purely financial standpoint, therefore, the current predicament for the School is best described as one of animated suspense.

The visits to the School last May by the UGC after ten years and by the Court of the University of London for the first time in our history gave us valuable opportunities for a reaffirmation of our essential academic mission and our distinctive character as a British School of Economic and Social Sciences open to the world. It enabled us also to take stock and to define our priorities and aspirations for the coming years. By all accounts, we have struck, so far at least, a responsive chord with both the UGC and with our University Court. For LSE, 1984-85 can truly be regarded as a year of reaffirmation, and indeed of renewed recognition.

At the level of the national debate on higher education, the year proved rather disappointing and inconclusive. The stage was well set by the beginning of the year by the UGC in its advice on 'A Strategy for Higher Education into the 1990s' which reflected our own views as set out in our reply to the 28 questions posed by the Committee in 1983, and referred to in the Director's Report for 1983-84. The response of the Government in the Green Paper, issued rather belatedly in May 1985, was disappointing. Despite recent signs of a somewhat chastened mood on the part of Government, there is little reason to hope that the White Paper on higher education, if and when available, will bring much comfort to British universities. Meanwhile, the review of the UGC itself must cast some doubts on whether the Committee's promised review of base-line resources will carry the customary assurance of continuity for the medium-term future. The School, therefore, has no alternative but to steer through the

current spell of comparative calm in a manner which keeps all options open — to steer clear, in other words, of both panic and complacency while preparing itself for the uncertain future.

The Great Debate

For someone who comes to the British university scene for the first time, the current debate on the future of higher education presents something of a paradox. At the level of generality, it is difficult to quarrel with most things which Government spokesmen emphasise. And yet, there can be little doubt that they have aroused considerable resentment and suspicion among those who are charged with the responsibility for providing higher education.

While education, up to a point, is a basic necessity like nutrition or shelter, few people would argue that higher education, financed from the public purse, is a fundamental human right. As such, it must serve some social purpose even though this purpose is served through the enrichment of individual citizens. One can agree also with the Green Paper that this social purpose must include the obligation "to contribute more effectively to the improvement of the performance of the economy". In a democratic society, Government has the right and indeed the responsibility to decide from time to time whether it should influence, through its budgetary allocation, the broad pattern of education, including higher education. It has the right and the responsibility also to review and assess the appropriate level of funding in the light of national needs, demographic changes and other competing demands. Complete agreement on such vital but complex matters which involve both objective facts and subjective judgements is seldom possible and one can well understand some controversy and difference in emphasis or opinion whenever such questions are raised.

Nor can the universities rightly claim that they are not accountable or that considerations of efficiency or improved performance or proper managerial arrangements are inappropriate in their context. In itself, emphasis on quality and on selectivity should also be generally welcomed by a community which sets the highest store on academic excellence.

How then has the Government managed to raise so much heat and dust and produce so little light? An important part of the explanation certainly is a matter of style — the tendency in the Green Paper, for example, to over-simplify, to adopt a hectoring and censorious tone and to apportion blame rather unreasonably as far as the universities are concerned. If the relationship between the universities and industry is not as close as it should be, is it right to lay the major part of the blame at the door of the universities? A certain degree of good-humoured and even malicious bantering between groups which represent complementary but different cultures is an ancient and universal phenomenon; and one should not read too much into it. At the same time, if the relationship between universities and industry should not be that of the Brahmin and the untouchable, neither should it be one of the slave and the master or of the supplicant and the benefactor. There are, of course, many useful things that universities can do for industry. But the values of civilised societies are informed by broader cultural and moral perspectives than either industry or any other institutional sector can provide. In keeping with their responsibility to society at large, universities also must have a longer time horizon and a broader vision than private business can conceivably afford. If this is the case, then there will always be a legitimate area of activity which cannot be subsumed under vocational training or research funded by industry.

Again, while performance of the economy is important, it is not the product only or even primarily of what is generally understood by science and technology. Without a proper understanding of the economic and social sciences, it will be impossible to translate scientific or technical advances into operational practices. Economic progress depends also on the study of the humanities which, as the Green Paper recognises, "helps to set the moral and social framework of our society". To the extent that there is a conflict, there can be no presumption that it should be settled in favour of economic

rather than cultural progress. Much can thus be said against the tone and emphasis of the Green Paper.

But reducing the current debate to a matter of competing styles or relative emphasis diverts attention from some truly disturbing features of the present situation. The most disturbing aspect perhaps is the danger of a slow but certain erosion of academic freedom, the proliferation of bureaucratic control, the hasty and almost opportunistic assertion of spurious standards for measuring performance or quality and the mounting burden of meaningless attempts to prove this or that to the powers that be. All this deprives academic staff — already overburdened as a result of recent cuts — of the very valuable time needed for the research and scholarship without which the quality of teaching and its relevance to society are bound to suffer. While the consequent erosion of academic standards may not appear great in the short-run, it is bound to accumulate over time; and there are disturbing signs that these additional burdens, together with the serious and continuing erosion of salaries by any relative standards, are making it increasingly difficult for the universities to recruit and retain the best talent. The School cannot remain immune from these national trends and has, therefore, every reason to make its voice felt in the current debate.

Take the question of selectivity, for example. *Prima facie*, it makes sense to say that, if financial cuts have to be applied, they should be applied selectively. But is it really necessary to mount a gigantic exercise involving a judgement as to the relative research performance and potential of the entire university system based on made-to-order submissions of research plans and procedures? There is, first of all, no reason why research strength should be isolated from teaching strength. The two must go hand in hand, at least in institutions of higher learning.

What, again, is the unit for measuring relative merit? A university is surely too large and too heterogeneous an entity to be judged in the aggregate. If it is to be so judged, it can best be done on the basis of the record so far; and the judgement once made should continue for a reasonable period to provide time for building on strength. This might at best require singling out a few universities — and, if necessary, a few departments or units within them — for preferential treatment. What was done some time back for Imperial College and the Manchester Institute of Science and Technology provides a good illustration of this approach.

If the idea, however, is to close one or two universities, the question surely should be faced squarely rather than by relying on a protracted and generally debilitating process of strangulation in the hope that some will drop dead sooner than others. Apart from the unnecessary time and trouble involved, the process is unlikely to be convincing in the sense of appearing credible. Nor is it likely to be effective in that it may not produce any significant element of selectivity.

Unnecessary work is also generated in other ways. The harassed Vice-Chancellors and Principals, anxious to establish their *bona fides* with the authorities, appoint committees to examine this and that issue and to make recommendations on how things could be improved, say, in respect of the role of external examiners in maintaining standards or in regard to management structures. There is nothing wrong in periodic reviews and they can indeed be very useful. But when one is required to treat the reports of these reviews as if they were gospel truth in order to get one's *bona fides* established and to accept as self-evident the need for reporting regularly on how far their recommendations are implemented, one has moved too far in the direction of intervention for its own sake and a dangerous degree of uniformity and centralisation. The underlying lack of faith in the good sense of the universities encourages the growth of more bureaucracy — and more cynicism at every level.

The proliferation of spurious standards can perhaps best be illustrated with the emphasis on cost per student. Other things being equal, cost per student is certainly a measure of efficiency, although perhaps even here, one must speak of the cost of a graduate or a Ph.D. and not just the cost of teaching a student for a year. But the measure can also be used in a perverse way. Institutions which are subjected to serious cuts, like

the LSE, have had to tolerate a deteriorating staff/student ratio, thus reducing the cost per student and putting additional teaching burdens on the staff. It would be ironic if we came to regard this necessary evil as a sign of improvement in efficiency — and worse still, if others were enjoined to follow our example rather than to use it as a reason for redressing the balance in our favour. Since "other things" like the quality of degree and of teaching are difficult to measure, it is tempting to overlook them altogether; and the increasing tendency to compare the cost in universities with that in polytechnics or, indeed, to compare the cost as between different universities, is a clear indication that this is already happening. It is of course vitally important to develop standards or measures of efficiency or quality. It is, however, equally important to recognise that such standards are difficult to devise and that they have to be interpreted with great care because they will always need to be refined by reference to subjective criteria which cannot be quantified. Judgements of quality also make sense when they are based on experience over a number of years. Meanwhile, the temptation to use whatever standard serves one's immediate purpose has to be resisted.

This is perhaps the crux of the matter and explains why the current debate has produced more mutual suspicion than mutual respect. The universities feel, and on the whole rightly, that the centre-piece of Government policy is its decision to reduce Government expenditure, including the expenditure on higher education, and that the rest is an elaborate charade to justify this decision. It is a case, one feels, not of 'letting the punishment fit the crime', but of 'letting the crime fit the punishment'. The punishment is decided in advance. What then follows is a search for the crimes of the universities to justify the punishment.

In the recent Green Paper, for example, there is no connection between the statement of the Government's objectives and the financial provision it intends to make. The latter is just flatly stated as something derived from something else — which, in fact, it is; it is derived from Government's assumptions about the public sector borrowing requirement. The refusal to make realistic assumptions about inflation when determining the level of Government grant or to compensate the universities for the budgetary imposts that increase costs, such as VAT on building repairs and alterations and the increase in national insurance contributions at the upper end of the pay range, adds to the suspicion that the educational policy of the Government begins and ends with financial arithmetic.

One gets the impression that the *ad hoc* character of the Government's policy towards higher education so far is the outcome of a succession of *a priori* presumptions and Treasury directives. If a change towards a more competitive, selective and efficient as well as a freer and fairer system is desired, then the debate will have to be started all over again. The question of student support, for example, can hardly be separated from that of university finance. And indeed there are other questions that need to be answered. Who or what is to be financed? Are we talking of financing students or financing universities or are we considering linking both of them in some optimum proportion and in a complementary manner when we talk of financing higher education? Should the universities be free to compete for student numbers and to charge fees as they like? If so, what system of student support will provide a reasonable complement? In particular, how do we ensure that talent is not wasted for lack of means and that better-regarded institutions also attract students with the highest potential? How is the research element, so vital in the long-run, to be taken care of under any such competitive dispensation?

One can only hope that the White Paper, when it is finally issued, will raise the debate to a new and more constructive level. The inquiry into the role and functions of the UGC should also help to set the stage for the future. Meanwhile, the School, like the rest of the higher education system, must take stock of its strengths and priorities and prepare itself for any eventuality.

UGC and Court Visits

We welcomed the visits to the School by the UGC on May 1, and by our University

Court on May 31. Our objective at these meetings was clear and was indeed foreshadowed in our earlier reply to the UGC's 28 questions. We wanted to impress upon all concerned that:

1. As the only institution of higher learning in the U.K. specialising exclusively in the Economic and Social Sciences, we have a special mission to uphold and to enhance the fundamental importance of these sciences.
2. We propose to continue to pursue this mission by insisting on the highest standards of academic excellence, by remaining at the frontiers of our disciplines through scholarship and research of the highest quality and by developing new teaching methods and courses based on such research and scholarship. Only thus can we remain relevant in a rapidly changing environment.
3. The School has always taken a comprehensive view of social sciences. Apart from the disciplines of economics and political science enshrined in our name, we specialise in a number of other social sciences such as law, sociology, psychology, geography and social anthropology. Disciplines necessary for an understanding and development of social sciences such as mathematics, philosophy, history, languages, statistics, operational research, systems analysis and the like also occupy a pride of place. These subjects cannot flourish in isolation from each other and that is why the School has always attached such importance to interdisciplinary cooperation in teaching and research — an approach which over the years has given the School its special coherence and interdependence.
4. This coherence and interdependence, in turn, has been reflected in our management style which has avoided compartmentalisation of the School into semi-autonomous departments with separate budgets or appointment procedures. It follows that, no matter what the financial constraints, we would hope to maintain our present departmental spread and even to enlarge it where necessary while ensuring that each discipline retains a certain minimum critical size. Our long-standing policy of cooperating with other institutions in the University will be continued as we seek to maintain a balanced, comprehensive, and cohesive academic structure.
5. The academic culture of cohesiveness and cooperation extends throughout the School, to academic-related and other supporting staff as well as to students and members of the Court. It is this environment of cooperation, mutual respect and good will which has made it possible to develop a truly participatory and decisive style of governance. The same environment has helped to create the unique bonds of loyalty between the School and successive generations of its students, teachers, and other staff.
6. The School has come to acquire, and will do all in its power to retain, a truly international identity. This identity has been shaped not just by the composition of its student body or academic staff, but also by virtue of the internationally recognized standards of its teaching and research and by the close contacts the School maintains with the international community of scholars in the economic and social sciences.
7. These strengths of loyalty, cohesiveness and a sense of purpose come to the fore in times of adversity and have already helped greatly in overcoming the financial difficulties of the early 1980's. Nevertheless, it should not be presumed that the same process of attrition matched by extraordinary response can be carried any further. Already, the staff/student ratio is much worse than in most U.K. universities, the academic and administrative staff are over-extended, lack of space inhibits new research activity, the provision for the Library and computing facilities is lagging behind and the maintenance of the fabric and the availability of student residential accommodation leave much to be desired.
8. While the School will endeavour to help itself to the utmost by exercising economies and managerial vigilance, by mobilizing private sources of finance, by charging economic fees and by rationalising its working procedures and teaching, there is no doubt that it cannot maintain its international competitive position for long unless

Government undoes the damage that has already been done and helps to preserve and, indeed, to enhance the special status of this uniquely British institution which is at the same time a recognised international asset.

It is, I think, fair to claim that our point of view as summarised above was appreciated by the UGC and the University Court. The Chairman of the UGC congratulated us "on the fact that LSE is a world class institution in a country in which there are not many world class institutions". Our non-academic staff were praised for their "lucidity, loyalty and concern for students". Our desire to continue with our unique style of management, despite what Jarratt and other expert reports might or might not say, was recognised: "any successful educational institution is something of a mystery and no one from outside should tamper with the individual components of a mystery". There was also recognition that our staff/student ratio of 1:14 was among the worst in the country and needed to be improved. There has never been any suggestion that any of our departments can be excised in the interest of rationalisation. Some of our longer-term requirements, such as those concerning the renewal of our leases, were noted with greater sympathy than in the past. Altogether, the UGC left us with the impression that LSE must come out well from its assessment of excellence. These sentiments were generally echoed by the University Court at the end of their visit.

The Options Before Us

During the summer months, a great deal of attention was paid to drafting the submission to the UGC in relation to their new 1986-87 base-line. A full story of our submission (finally presented in November) and the response thereto belongs more appropriately to next year's Report. Meanwhile, we have been exploring alternative strategies in order to prepare more effectively for the future. The various committees of the School have been involved in this exercise and a special *ad hoc* Working Group under the Chairmanship of the Pro-Director, Professor Wise, has already made some suggestions. This work will undoubtedly have to continue. Meanwhile, we have made some progress, and a brief outline of the task and the options open to us may be useful as providing reference points for developments in 1984-85 and beyond.

There is no doubt that the major task before the School at the present moment is to make it possible for its academic staff to devote more time to pursuing their scholarly and research activities. Without that, we cannot maintain our dynamism and excellence. An improvement in the staff/student ratio is not the only method of achieving this goal. Rationalisation of our work procedures can save time for teachers. Some progress in this direction has already been made as a result of the decisions taken during the year to rationalise the committee structure, particularly with regard to the committees of the Academic Board; and the scope for further rationalisation will be kept in view. Similar progress in relation to the committees of the Court should be possible. It is heartening for us that the Vice-Chancellor, Lord Flowers, has already initiated similar action at the University level.

Teaching loads can also be reduced without impairing quality by rationalising the course and degree structure and by exploring possibilities for further cooperation with other Schools in the University. This is being done. A review of the B.Sc. (Econ.) degree, for example, has been taken in hand, discussions have been held with King's College (now KQC) for further cooperation, and similar initiatives will be launched as necessary.

Nevertheless a major part of the improvement in the staff/student ratio — or greater room for research and scholarship — can come only if our income increases faster than expenditure. With the best will in the world, it would be difficult to prevent recurrent expenditure from rising in pace with inflation. Whatever scope there may be for further economies — and there is hardly any — will in fact be more than offset by the need to make good a part of the back-log in areas like library acquisitions and computer services. It is, therefore, imperative that all areas of our income increase somewhat faster than inflation.

Financial Outlook

In recent years, there has been a dramatic shift in the composition of our current income. Recurrent grant from the UGC/Court accounts now for only some 45% of our current income as against approximately 85% only a few years ago. Another 45% of the income comes from student fees, mostly overseas students' fees and the balance of 10% from research grants, contracts, donations and the like. We should certainly make every effort to ensure that research grants, contracts, donations etc., increase significantly from year to year in real terms; and this will require strengthening our external relations activities. Nor can we overlook the need to ensure that the fees for overseas students represent the economic cost. If Government policy permits, we can also earn a little more in real terms from domestic and EEC student fees. But with all that, Government recurrent grant must also increase in real terms if there is to be any significant improvement in our staff/student ratio. In short, the task before us is not one of choosing between alternative strategies but one of pressing ahead as far as we can on several fronts at the same time.

The year 1983-84 ended with a small deficit, mainly as a result of the large unexpected expenditure associated with the repair of some of the Library building ceilings. The prospect, as seen in November 1984, was that of a continuance of a similar trend on the assumption of level funding. At the beginning of May 1985, when the UGC visited us, the financial outlook, however, appeared particularly grim. For the first time in several years, the Court recurrent grant to the School for 1985-86 was set to increase at a rate lower than the rate at which the grant for the University as a whole increased. Apparently, the University had shielded us to some extent in earlier years from the full impact of the disappearance of the grant element in respect of overseas students and this protection had now come to an end. None of our requests for academic initiative posts was granted by the University. At the instance of the UGC, the Court also had to disregard — albeit with an element of tapering — overseas student numbers in the distribution of other elements of the Court grant such as the grant for furniture and equipment. The increase in National Insurance contributions on higher salaries introduced in the April Budget meant an additional expenditure of some £170,000 during a full year.

There has been some improvement in the financial outlook since then and the year 1984-85 has ended with a small surplus after providing additional amounts for a number of urgent requirements. The main reason for the improvement is an additional provision by the Court for the repair of Library ceilings which has enabled us to recoup expenditure already made. At the same time, it has been necessary to provide additional amounts during 1984-85 for such urgent purposes as Library acquisitions, the Staff Research Fund, and the enhancement of the computing services. Taken together, 1983-84 and 1984-85 roughly yield a balanced budget. The outlook for 1985-86 suggests continuation of the same trend, although it must be noted that this has been possible only as a result of the decisions already taken to raise overseas student fees to more realistic levels and to continue the economy measure of allocating only 90% of savings from vacant posts for new appointments. At the same time, the policy of promotion on merit for academic as well as academic related and non-academic staff is being maintained. What happens beyond 1986-87 will depend essentially on Government policy and the decisions of the UGC and the Court on our base-line grant for 1986-87.

Capital Requirements

It is particularly difficult in a period of financial stringency to meet the capital requirements of the School. By its prudent policy of making periodic provision for the maintenance of fabric and for the repair and replacement of major assets, the School has maintained its property in not too unserviceable a state. The rewiring of two of the School's buildings, started in 1983-84, is now complete and some of the major lifts have been refurbished; but perhaps the most important and noticeable improvement of all

has been the installation of a new telephone system. Removal of asbestos, major overhaul of some ventilation plant, a further phase in re-roofing the Old Building, improvement of catering facilities and a number of smaller but significant improvements should also be reported. Although we have not been able to undertake radical improvements in our physical environment, we have, nevertheless, sustained the tempo of modest improvement which has been a feature of recent years.

The most glaring deficiency is student residential accommodation. In January 1985 the Standing Committee of the Governors considered a survey of students' needs for accommodation. The survey gave ample evidence of the urgent need for acquiring additional student accommodation, particularly flats for married students. Yet at the same time, residential accommodation, at rates which students can afford and within reasonable distance of the School, is increasingly difficult to find in London, where property prices, rental values and transport costs are rising rapidly. In this context the Standing Committee took the view that, looking to the long term future, the School could not continue to attract high quality home and overseas students unless decisive action was taken to increase student residential accommodation.

In March 1985, professional advisers were briefed to conduct a progressively widening search for student accommodation within the Greater London area, including single large residential properties, blocks of flats and groups of terraced properties. 100 firms of surveyors and estate agents, trusts and property companies were contacted plus 30 of the largest public companies who might have had surplus accommodation. Out of the many replies that were received, a total of 23 properties were selected for inspection and detailed financial scrutiny. The majority of these turned out to be unsuitable for conversion or failed the financial viability tests. Towards the end of the 1984-85 session, however, there were grounds for some encouragement. A number of opportunities for adding significantly to the School's residential accommodation had been identified and were being pursued. The task of reconciling the London property scene with what the students can afford is by no means an easy one. Nevertheless, with the cooperation of all our friends and well-wishers and of the students, we hope to record some success in the next report.

Meanwhile, we have tried to improve our machinery for promptly locating suitable accommodation for rent by students on arrival by increasing the grant to the Students' Union to enable them to employ an additional Accommodation Officer, initially for a period of three years with a review at the end of the second year.

Accommodation requirements for academic and administrative purposes are also increasing. New research activity generates demands for additional space as does the much-needed improvement in computer and Library facilities. Here again, renting or buying new property in the heart of London is beyond the means of an educational institution. Some imaginative solutions do come in view from time to time; but they too require substantial initial pump-priming. We intend, however, to pursue all possible leads in the hope and expectation that, when opportunities arise, we will be able to count on generous support from our friends and well-wishers as well as from the Court and the UGC.

An important development during the year was the Report of the Computer Services Review Panel under the Chairmanship of one of our Governors, Mr. Q. Morris. The Report, which is the result of a great deal of dedicated and expert work, has made a number of suggestions for ensuring that the School does not lag behind in deriving optimal benefit from developments in computer and information technology with regard to both its academic and administrative needs. The recommendations of the Panel have been approved by all concerned and their implementation has already begun. It is only fair to note that their implementation will add significantly to recurrent as well as capital expenditure for several years to come and that the benefit will accrue more in terms of better and greater output for the School than through corresponding economies elsewhere in staffing and the like. Indeed, in some respects, it will generate additional demands for space and other facilities which can only be met by economies elsewhere.

Academic Developments

Perhaps the most important academic developments in 1984–85 centre round the new professorial appointments, particularly in Economics and related subjects and in Accounting. In recent years, Economics at LSE has had its strongest roots in pure theory. At the same time, the need has been felt to strengthen applied economic research for which our proximity to the City, to Westminster and to Whitehall places us in a very favourable position. Already, the Centre for Labour Economics and the Suntory-Toyota International Centre for Economics and Related Disciplines had given a great stimulus to both applied and theoretical research. The ESRC-financed Centre in Economic Computing, which began its work in 1983, will undoubtedly assist economic research at the School as well as nationally.

The new professorial appointments have been so made as to provide a critical mass of talent in newly emerging areas of importance. Thus, with growing freedom of capital movements, floating exchange rates and deregulation of financial institutions, the study of financial and capital markets and of macroeconomic trends requires greater emphasis and more innovative approaches. With Professor A. B. Atkinson who came to the School earlier and Professor Mervyn King who joined in October, 1984, a strong leadership in this task was already at hand, and our position will improve greatly in 1985–86 when Professor Charles Goodhart takes up the new privately-financed Norman Sosnow Chair in Banking and Finance and Professor Nicholas Stern brings to the School his special expertise in public finance, with special reference to developing countries.

During the year, we were able to convert the original intention to establish one additional Chair in Accounting into two Chairs as a result of donations from Arthur Young and the Institute of Cost and Management Accountants. The appointment of Professor A. E. Hopwood and Professor M. Bromwich to these posts will strengthen the Department of Accounting and Finance and also its links with the Department of Economics. One of the two new Chairs is intended for specialisation in the international aspects of accountancy which have assumed significance with greater freedom of capital markets.

The appointment of Professor D. Metcalf to a Chair in Industrial Relations will strengthen the links of his department with the Centre for Labour Economics; and the arrival of Professor A. S. Milward as Professor of Economic History in October, 1986, with his special interests in post-war economic history, will create new possibilities for collaboration with the Department of Economics as well as with the Department of International Relations which itself has been strengthened with the appointment of Professor S. F. P. Halliday as an additional professor. It is perhaps not an accident that our new and young Professor of Geography, Professor R. J. Bennett has, among his other concerns, a special interest in the finance of local authorities in several European countries. The interdisciplinary nature of the work of the School is thus fully reflected in these and other non-professorial appointments.

At the same time, it has to be recognised that we are finding it increasingly difficult to recruit and retain talent of the highest order in some areas where national and international competition is strong in financial terms as well as in relation to work-loads. This is already true of Economics where we have recently lost professors to Cambridge, Oxford, Massachusetts Institute of Technology and Yale and where two offers of professorial appointment have not been taken up. Similar problems may well arise in other disciplines.

Examples of creativity and new initiatives in teaching every year are too numerous to mention in the Annual Report. Attention, however, can be drawn to two new postgraduate courses developed during the year by the Department of Social Science and Administration; one on the financing of health services in collaboration with the London School of Hygiene and Tropical Medicine to start in 1986–87, and the other on housing commencing in 1985–86 for which the Department of the Environment has already announced the award of fifteen bursaries.

Towards the end of the year, a committee under the Chairmanship of Professor D. J. Bartholomew was appointed to review the future shape and size of the Systems Analysis and Computing sub-group which is bound to have increasing and important ramifications in all areas of social science teaching and research in view of the rapid strides in computer and information technology. The review could not have been more timely coinciding as it did with a supplementary recurrent grant to strengthen this area. Taken together, the proposed expansion of computing facilities at the School, the academic developments in response to the review referred to above and the additional UGC grant, should initiate a new era in the School in information technology.

Student Welfare

Attention has already been drawn to the acute problem of residential accommodation and the limited progress in mitigating this situation. Relations with the Students' Union and the student body in general remained cordial throughout the year. The School has endeavoured, despite its financial difficulties, to meet the major financial needs of the Union; and the Union, in turn, has shown financial skill and prudence in managing its affairs.

A survey conducted by students drew attention to the problem of sexual harassment of women students. While the incidence of such harassment at the School was low in comparative terms, there was genuine concern that unacceptable behaviour in this area should be promptly checked, with provision for urgent counselling as well as appropriate action in the event of actual harassment and preventive measures such as training in self-assertiveness. The School has responded promptly to these concerns. Similarly, catering facilities and charges were reviewed at the instance of the students.

The question of student representation in the governance of the School has been referred to on a number of occasions in these annual reports, and this was one of the first issues which I had to tackle. It soon became apparent that any major change of a procedural nature or in the committee structure of the School was neither necessary nor desirable. By itself, it would solve nothing and indeed give rise to new problems. What was important was to make the existing system work more effectively with due regard to the interests and sensitivity of all concerned. To this end, most matters of concern to students were considered earnestly in all the committees on which they are currently represented, and particularly in the General Purposes Committee of the Academic Board. Consultations with students before the meetings of the Academic Board and with the Standing Committee of the Court have also been thorough and in a spirit of mutual confidence. Now that the committees which report to the Academic Board have been redesigned and their work rationalised, it is reasonable to hope that the question of student representation is settled to everyone's satisfaction — recognising always that the task of maintaining mutual confidence is a continuing one.

The financial difficulties of students, whether overseas or home/EEC, have always been a matter of concern to the School, but more especially in recent years when nearly all students have had to contend with new difficulties. The LSE 1980s Fund is making satisfactory progress. But it is clear that it cannot help greatly in attracting a sufficient number of students from very poor countries or families. There is no substitute for governmental action in their case, although a little can be done by private endowments and by taking into account the special needs of poor but meritorious students when fixing fees. The need for financial assistance to the students will also undoubtedly continue beyond the 1980's.

Financial provision for student support thus needs to be put on a more durable footing. The decision of the British Government to announce a scheme for helping Commonwealth postgraduate students on the basis of matching assistance by the universities is welcome in this context. Similar arrangements should also be made for equally deserving students from other countries such as China and Pakistan which are not members of the Commonwealth and for British postgraduate students who have suffered from cuts made in Research Council grants. Research is also bound to suffer

without an adequate number of Ph.D students. Although our own postgraduate student numbers have been satisfactory in the aggregate, most of them stay for only a year or at the best for two so that the total research environment is no longer what it used to be.

We have attempted to meet the needs of some British postgraduate students by initiating a Company Loan Scheme. It is gratifying that contributions to the scheme have already been pledged and we hope to make a beginning in 1985-86 with loans to some eight or ten students if suitable applicants are forthcoming. It has to be recognised, however, that no loan scheme can cater for the needs of high calibre Ph.D. students on whom the future of higher education ultimately depends.

Alumnus Activities

One of the most gratifying discoveries of my first year as Director has been the strength of the School's alumnus activities at home and abroad. It was a privilege to be invited to give the LSE Society's Special Lecture in May and to attend its annual dinner in July when alumnus Mr. John Moore, MP, the Financial Secretary to H.M. Treasury, was the Guest speaker. The School's reception for alumni who went down in 1971, 1972 and 1973 provided an opportunity for meeting graduates of those years. Although as yet I have only been able to visit our overseas Friends of LSE groups in the USA and India, I have met a number of the dedicated leaders of other groups in London and look forward to further contacts with both the long established and the newly forming Friends in nearly 40 countries and twice as many cities. Our annual mailing to alumni is obviously highly valued by the recipients and has this year produced offers to develop alumnus activities in half a dozen further countries. The School is greatly indebted to its alumni and relies heavily on them to maintain interest in LSE through mutual association and visitors from London, to foster the School's standing throughout the world, to encourage students to come to LSE and to give their financial support.

Other Events

One of my first tasks as Director was to attend the Memorial Meeting for Lord Robbins on 11 October 1984 at St. John's, Smith Square. Among the tributes paid, perhaps the most notable from the point of view of the School was that of Professor Will Baumol, who paid special tribute to Lord Robbins's role as a teacher. It is, however, equally noteworthy that among those who spoke so movingly on the occasion were two other Honorary Fellows of the School, Professor James Meade and Sir Claus Moser. It is gratifying also that the Lionel Robbins Memorial Fund appeal has met with prompt and generous support. The School is privileged to manage this Fund as trustee and it is a matter of great satisfaction that the first scholarship from the Fund has already been awarded and the first series of lectures in honour of Lord Robbins will be given early in 1986 by Professor Rudi Dornbusch of M.I.T.

The Michaelmas Term marked another sad loss for the School, that of Professor Alan Prest so soon after his retirement. A Memorial was held in the Founders' Room on 27 February under the Chairmanship of Professor Michael Wise.

As usual, the Honorary Fellows Dinner on 14 May was a gracious occasion, mixing memory with pride and hope. Among the new Honorary Fellows, we were privileged to welcome this year M. Etienne Dalemont, Professor Ragnhild Hatton, Sir Arthur Knight, Mr. Hasmukh Parekh, H. E. Professor Gordon Reid and Professor Alan Stuart, who, with the exception of Mr. Parekh and Professor Reid, were fortunately present with us.

Right at the end of the 1984-85 session (technically in fact one day after), came an event unique even in the history of an institution such as this. At a ceremony in Euston Station, Sir Huw Wheldon unveiled a plaque on British Rail Inter City Class 86 locomotive 86 421; it now carries the name 'London School of Economics'. The occasion owed much to the initiative of Jonathan Bray and Christopher Zarebski of the

Students' Union Transport Society, and the good offices of Professor Michael Wise; it paid tribute to the long-standing contribution of the School to transport studies.

The School is very well served by its teachers who, in addition to their heavy load of teaching and research, are always willing to accept responsibilities in the governance of the School. I cannot fail to mention in this connection the immense contributions of Dr. R. C. Estall who this year completed his term of service as Chairman of the Admissions Committee after 13 long years and of Professor W. R. Cornish who ended his very fruitful term of office as Vice-Chairman of the Academic Board.

It is with the greatest pleasure and gratitude that I record here the friendship, advice and unstinting support that I received during the year from Professor Wise who completed his post-retirement two-year term as Pro-Director at the end of the session. This somewhat unusual arrangement was made with a view to having as Pro-Director, during a period of transition, a person who could transmit to the new administration — and to the Secretary and Director, in particular — the culture and traditions of the School. In a way, this intention understates Professor Wise's contribution; what he represents *par excellence* is the culture and traditions of all good men and good societies everywhere. His services to the School during thirty-five years of association are manifold; and the affection and regard in which he is held throughout the School was amply evident on many occasions on the eve of his handing over charge as Pro-Director to Professor Robert Pinker.

I. G. PATEL

November 1985

Scholarships and Studentships Awarded in 1984-85

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Lee Mark Bamber
 Brian Gerard Bolger
 Robert William Carroll
 Paul Arthur Catterall
 Erica Fiona Chester
 Jonathan Patrick Ford
 Julian Roger Hallam
 Nigel Norman Kilby
 Jacob Samuel Knee
 Rachel Ann Lloyd
 Nicola Jane Orum
 Dominic James Pegler
 Mark Llewellyn Rogers
 Neville Conor Scott
 Akhil Shah
 James Frederick Shea
 Nicolas Shore
 Richard Stephen South
 Perminder Singh Thandi
 Martin David Thomas

Delia Ashworth Scholarship
 Elizabeth Cowan

UNDERGRADUATE AWARDS

Senior Scholarships
 Ronald Aaron Aziz
 Anita Margaret Barker
 Emma Francis Casdagli
 Richard Jonathan Clark
 Anna Jenkins
 Nicholas Mallory
 Bryan Robert Martin
 Helen Ruth Pitt
 Peter Raymond Robinson
 Michael Harold Saunders
 Atul Manilal Shah
 Timothy John Twentyman

*Institute of Chartered Secretaries and
 Administrators' Scholarship*
 Rory Thomas O'Driscoll

C. S. Mactaggart Scholarships
 Richard Martin Bache
 Mamdouh Taysir Barakat
 Timothy William George Collins
 Annette Au-Liang Niem
 Alan John Peakall
 Michael Harold Saunders
 Mohamed Azman Yahya

Undergraduate Scholarships
 Abdullah Nouri Al-Othman
 Pipa Estelle Doubtfire
 Andrew Philip Le Sueur
 Maria Therese Nawrocka
 Kristina Parka
 Daniella Habie Schwarz

GRADUATE AWARDS

*Montague Burton Studentship in
 International Relations*
 Mary Alison Anderson
 William Bloom
 Carla Garapedian
 Hayo Benedikt Ernst Desiré Krombach

Morris Finer Studentship
 Wayne Joseph Morrison

Graduate Studentships
 Alexa Jean Robertson
 Fernando Santos Granero
 Masakazu Tanaka

Graduate Studentships in Social Studies
 Frank Willem Arntzenius
 Jan Gregerson Cherim
 Hiroka Kawanami
 Ilsa Amelia Schumacher

C. K. Hobson Studentship
 Martin Anthony Surr

Hutchins Studentship for Women
 Hiroka Kawanami

*LSE Students' Union South African
 Scholarship*
 Meena Vasi Singh

Jackson Lewis Scholarships
 Jigal Mauro Ami Klin
 Kit Nam Leung

*Malinowski Memorial Fund Research
 Awards*
 Susan Kuchler
 Fernando Santos Granero

Robert McKenzie Studentships
 Luciana Ballini
 John Douglas Belshaw
 Dawn Heather Currie

Eileen Power Memorial Studentship
 John Banasik

Michael Postan Awards
 John Douglas Belshaw
 Kathryn Ruth Kissane

THE LSE 1980s FUND

*The LSE 1980s Fund Undergraduate
 Scholarship*
 David Tat Ieong Vong

*The LSE 1980s Fund Graduate
 Studentship*
 Andrzej Wrobel

American Friends of LSE Awards
 Bjorn Roberstad Aune
 Karen Valentia Clopton
 Wendy Coleman
 Moira Ann McNamara
 Wei-Li Pai
 Doreen Dorothea Schmelz
 Kenneth Strong

Argov Studentships
 Doran Shlomo Arazi
 Tamar Kennet

Baxter Edey Awards
 Hon-Kwong Tommy Fung
 Christakis John Hijiiossif
 Foo Weng Koh
 Demetrios Nicolaou Kouselinis
 Mark Victor Rosario
 Lorne David Siebert
 Tse Kai Chi

Lauchin Currie Studentships
 Bernardo Guerrero
 Santiago Javier Montenegro

W. G. Hart Bursary
 Wayne Joseph Morrison

Honda Awards
 Michael Richard Gibson
 Prakash Ambadas Shimpi

Japan Air Lines Travel Awards
 Lam Cheung Ling
 Masakazu Niwa

Chiletabacos Scholarships
 Juan-Ignacio Vergara Lira
 Rodrigo Manubens

Hatton-Medlicott Award
 Alexander Perry Biddiscombe

Leonard Schapiro Graduate Studentships
 Ann Connelly
 Adam Craig Elstein
 Gordon Tobias Platt

Rees Jeffreys Road Fund Studentship
 Caralampo Focas

Unilever-Is Studentship
 Ahmet Dervis Erelcin

Henry Luce Foundation Award
 Qin Fang Fang

Harry G. Johnson Studentship
 John Denison Montgomery

Daniel Patrick Moynihan Studentship
 Erica Ira Blank

Edward Shils Studentship
 Keith Robert Bauer

Suntory-Toyota Studentships
 Manuel Arellano Gonzalez
 Francisco Javier Fernandez Macho
 William Van Vugt

*The Third World Foundation Research
 Award*
 Carmen Angelica Li Lau

(b) Awarded by the University

Bryce Memorial Scholarship
Andrew Philip Le Sueur

Metcalf Studentships
Jo Anne Laws } Joint
Deborah Littman } Award

Prizes Awarded
in 1984-85

Allyn Young Prize
Leng Seng Choon

Arthur Andersen Prizes
Rory Thomas O'Driscoll
Martin Robert Walton

Bassett Memorial Prizes
(i) Trade Union Studies
James Gerard Bradley
(ii) Government
Richard Quentin Lewis

Christie Exhibition
Anthony John McCaffrey

Coopers and Lybrand Prizes
Tejit Singh Bath
Stephen Paul Robinson

Deloitte Haskins & Sells Prizes
Tejit Singh Bath
Douglas Terence Dean

Ely Devons Prizes
Donald Robertson
Arthur Grimes } Joint
Richard Keith Timmins } Award

Ellicott-Hollows Memorial Prize
Kristina Parka

William Farr Prize
Bijal Shah

Morris Finer Memorial Prize in Law
Bernadette Baxter

Maurice Freedman Prize
Rafael Runco Galvan

Gonner Prize
Paul Michael Sawyer

Percy Gourgey Essay Prize
Tracy Sheridan Lambert

Hobhouse Memorial Prizes
Peter Irvine
Timothy Peter May

Jessy Mair Cup for Music
Lee Cheong Hooi

Maxwell Law Prize
Paul Sebastian Stefan Booth

Mostyn Lloyd Prize
Lesley Joy Owen

George and Hilda Ormsby Prizes
Undergraduate
Peter Charles Oppenheimer
Daniel Paul Burns

Hughes Parry Prize
Nicola Shaldon

Peats Prizes
Kon Ying Tong
Alexander Joachim Rupp

Raynes Undergraduate Prize
Timothy William George Collins

Norman Sosnow Travel Scholarships
Paula Margaret Davidson
David Fitzgeorge Gregory
Melanie Ann Jones

Foundation on Automation and Human
Development Annual Award
Trade Union Studies:-
Christopher John Aspinall

Firth Award
Peter George Gow

School Prize for Mathematicians
Sonia d'Emilio

Gilbert Ponsonby Prizes
Paul Michael Sawyer
Masako Kurosawa

Janet Beveridge Awards
(i) Rose Keane
(ii) Fiona Littlefield } Joint
Melinda Marincowitz } Award

Stern Prize
Sonia d'Emilio

Premchard Prize
Andrew John Crawford Clarke

Robert McKenzie Prizes

Research Students:-

Helena Sheiham

Livi Nancy Mary Rodrigues

Mary Horton

Master's Students:-

Arthur Grimes

Kwong Leung Tang

First Degrees Awarded 1985

B.Sc. (Economics) Final Examination

Honours

Special Subject: Economics, Analytical and Descriptive

FIRST CLASS

Paul Michael Sawyer

SECOND CLASS

(Upper Division)

David Ashworth

Varsha Madhav Bhanoo

Andrea Margaret Furmage Blance

Fiona Louise Keyte

Jonathan Allen Latter

Miles Julian Shephard

Harvey Dermot Martin Thomas

Sidhartha Varadarajan

Robert John Wood

SECOND CLASS

(Lower Division)

Abisola Adelekan

Phillip James Cutting

David Davies

Mark Gerard Hoban

Il Houg Lee

James Hugh McCallum

Stephen James Newell

William Edward O'Keefe

Peter John Ratcliff

Timothy John Wheeler

David Andrew Williams

Abid Shahid Zuberi

PASS

Alexander Wallace

Special Subject: Econometrics and Mathematical Economics

FIRST CLASS

Masako Kurosawa

Kuo Chuen Lee

Mushtaq Shah

SECOND CLASS

(Upper Division)

Charalambos Socrates Constantinides

Simon Evans

Theodoros Costa Parperis

Steven Warbrick

SECOND CLASS

(Lower Division)

Nicholas Gerard Herbert

Alexander Pappas

THIRD CLASS

Anna Giannopoulou

Lai Yee Liu

Special Subject: Monetary Economics

FIRST CLASS

Andrew John Crawford Clarke

SECOND CLASS

(Upper Division)

Stuart John King

Geeta Ghandi Kingdon

Shahid Anwar Ali Mian

Shaun Richards

SECOND CLASS

(Lower Division)

David Alan Branch

Michael Edwin Goar

James Mathew Hedley Love

Batool Mahmood

Anthony Robert Viet-Anh

Christopher D'Arcy Porter

David Michael Thorpe

PASS

Mathee Supapongse

**Special Subject:
Industry and Trade**

FIRST CLASS

Ersin Akyuz
John Pluthero
Richard Owen Wilkins

SECOND CLASS

(Upper Division)

Levon Michael Antonian
Richard Charles Blundell
Andrea Ruth Isaacs
Dancil-Zeev Mazin Y Mor
Beatrix Diane Moran
Nicolo George Damiano Nisbett
Remi Gaston Paris
David Adeyemi Lionel Cecil Rickford
Timothy Scholefield
Shalini Shivan Sujanani
Peter Dominic Williams
Richard John Woolnough

SECOND CLASS

(Lower Division)

Javier Bosch Carrera
Xavier Bosco Da Gama
Michael Beresford Gillam
Deborah Leigh Hindson
Alison Jane Hughes
Leonidas Kyprianou
Marcos Tavares De Almeida Lagoa
Kai Lam Cecilia Lee
Liane Ruth Levy
Jose Maria Antonio Rueda Manotok
Alvaro Martinez Perez
Marinos Andrea Menelaou
Mark Stephen Palmer
Josefina Santos
Marilena Therapon Theodoulou
Mary Wong

THIRD CLASS

Antonios Christou Konteatis
Pedro Manuel Martins Pinheiro Silveira
Spyridon Xanthis

PASS

Chi Hung Tam

**Special Subject:
International Trade and Development**

FIRST CLASS

Charlotte Benson

SECOND CLASS

(Upper Division)

Paula Margaret Davidson
Leena Nehru
Neil Kumar Saker
Peter James Searle
Jaya Sharma
John Patrick Sheridan

SECOND CLASS

(Lower Division)

Sarah Abelesz
Hernando-Alfredo Barrios Y Prieto
Nutan Das Gupta
Keyvan Hedvat
Hui Wei Chee
Hasdai Kapon
Shih Rome Long
Biljana Milojkovic
Kevin William Motte
Richard John Oswald
Richard Ian Roffey
Eroni Tevitai Alan Sotutu
Felicia Tai Siew Lin
Sangita Thakkar

THIRD CLASS

Mou Banerjee
Altamash Kabir

**Special Subject:
Economic Institutions and Planning**

SECOND CLASS

(Upper Division)

John Richard Sheehy

THIRD CLASS

Louis Jeremy Bowie Dobson

**Special Subject:
Accounting and Finance**

FIRST CLASS

Tejit Singh Bath
Douglas Terence Dean
Deepakkumar Haria
Christakis John Hjiiossif
Demetrios Nicolaou Kouselinis
Stephen Paul Robinson
Tse Kai Chi
Mohamed Azman Yahya

SECOND CLASS

(Upper Division)

Daniel Graeme Daglish
Kenny Tsz Chun Fok
Hon Kwong Tommy Fung
Stacey Lee Gainham
Andreas Hadjixenophontos
Aaron Hammer
John Brian Harvie
Michael Brian Victor Hirschfield
Rustom Shapoor Kharegat
Koh Foo Weng
Parag Kotecha
John Clive Lewis
Wei Li Ng
Chee Seong Tan
Andrew Dennis Wood

SECOND CLASS

(Lower Division)

Christopher William Adamson
Neil Robert Armstrong
Rachelle Nadine Borgenicht
Kai Wah Chan
Terence Tai Yin Chan
Wai Yin Monique Cheung
Romeo Ramon Martin Co
Madeleine Honey Cohen
David Aidan Conway
Paul Daffern
Tina Das
Mark Peter Dorey
Charles Bernard Raoul Deschamps
David Mark Evans
Jayant Gohil
Constantinos Hadjimarkos
Normah Hashim
Raymond Houldsworth
Shamit Satya Pal Jagpal

Christopher Henry Reveley Johnson

Balvinder Kaur
Simon Paul Kember
Anna Sofokli Kouspi
Tsz Bun Liu
Keith George McLeod
Meera Menon
Joe Kuen Richard Mok
Richard Glyn Morgan
Cune Chue Ng Cheong Wong
Richard Nicholas Perry
Russell Charles Prior
Kai Chung Pun
Ahmet Ratib
Stylianios Stephanou
Hasanain Sultanali Mohamedali Amersi
Sunderji
Catherine Wing Yee Tam
Hazel Jane Wakefield

THIRD CLASS

Stephen Francis George Colonna
Jean Antoun Doumar
Lysandros Ioannou
Krisada Lirapirom
Lau Theng Thong
Martha Jane Wooding

PASS

Wendy Suit Lan Choo

**Special Subject:
Economic History**

SECOND CLASS

(Upper Division)

Julian Bird
Simon Alastair Brewer
Yvonne Patricia Castle
Angela Clare Edwards
Alisdare Edward Hickson
David Andrew Thompson
Nicola Clare Turner
Kenneth Venables
Corinna Wraight

SECOND CLASS

(Lower Division)

Philip Ashley Cheadle

THIRD CLASS

John Graham Cooper

**Special Subject:
Government**

SECOND CLASS

(Upper Division)

Guy Julian Claude Ashton
Catharine Ann Bell
George Jozef Bieszczad
Lynette Karen Charlotte Boyles
Jeffrey Colegrave
Lynn Davison
Wayne Bernard Giesbrecht
James Bernard Kirk
Richard Quentin Lewis
Michele Mary Low
Frances Elizabeth Rout
Adam Abraham Burl Bradbury Swirsky

SECOND CLASS

(Lower Division)

Alia Baig
Kevin Peter Brooks
Richard Evans
Sheila Karen Gowland
Bridgette Lawrence
Wieslaw Jerzy Miluski
Paul Parashar
Georgiana Marie Pardo
Katharine Park
Caroline Paterson
Helen Jane Phillips
Alyson Rudd
Anthony Kenneth Smith
Jerome Robert Treherne
Sarah Rachel Wright

THIRD CLASS

Andrew Timothy Cooper

**Special Subject:
Sociology**

SECOND CLASS

(Upper Division)

Michael Ernest Hows
Catherine Jane Lincoln
Timothy Peter May

SECOND CLASS

(Lower Division)

Nathalie Anne Francoise Guimard

**Special Subject:
Statistics**

FIRST CLASS

Bijal Shah

SECOND CLASS

(Upper Division)

Nicola Sears

**Special Subject:
Computing**

FIRST CLASS

Mary Ann Patricia Chan Koon Chan Yuk
Peter Marius Knox

SECOND CLASS

(Lower Division)

Robert McMahon
Owen Gwyn Watkins
Jonathan Derek Wood

**Special Subject:
International Relations**

FIRST CLASS

Timothy William George Collins
Anthony Delahunty
Raymond John Keitch
Irene Nyborg Andersen
Jonathan Stuart Sleeman

SECOND CLASS

(Upper Division)

Radhika Ajmera
Burkhard Brauch
Emma Louise Broome
David Anthony John Castle
Asita Ruan De Silva
Timothy Fox

Beverley Anne Fulton
Martin Paul Graham
Simon Rex Guy
Janette Marie Helly
Peter Alexy Liss

Christine Hania Mary Lukasiewicz

Joelle Shona MacCallum

Susan McCreadie

Christos Panagopoulos

Shahrashoub Razavi
Charles John Philippe Redfern
David Henry Rutley
Emmy Takahashi
Wanda Wai Oi Tong
Guy Murray Warrington
Delia Marie Wragg
Sofia Gabriella Alice Zoghbi-Engestrom

SECOND CLASS

(Lower Division)

Stuart David Allaway
Michal Barlowski
Marco Bracco
Faisal Charara
Paula Emily Cohen
Steven Andrew Cohen
Simon Jack Day
Marina Galanti
Geri Claire Gibbons
Richard Charles Hewitt
Vijee Carol Manuel
Filippo Umberto Messi
Paul John Murphy
Paul Brett Reid
Maria Theodorou

THIRD CLASS

David Glyn David
Matthew Peter Taylor

PASS

Jonathan Piozzi Leak

**Special Subject:
Social Anthropology**

FIRST CLASS

Deborah Edith Rutter

SECOND CLASS

(Upper Division)

Alexandra Helen Louise Ainsworth
Alison Carr
Mary McArthur
Janis Stella Judith Williams

SECOND CLASS

(Lower Division)

David Alan Oakensen
Claire Helen Thomas

**Special Subject:
International History**

FIRST CLASS

Sandra Dorothy Onslow
John Nicholas Sturzaker

SECOND CLASS

(Upper Division)

Miles Bullough
Glyn James
Donald Victor McGonagle
Mark Patrick Pearce
Richard Michael Tull

**Special Subject:
Geography**

FIRST CLASS

Peter Charles Oppenheimer

SECOND CLASS

(Upper Division)

Andrew Maginn
Nicholas James Veitch

SECOND CLASS

(Lower Division)

John Francis Baguley
Howard Peter Clegg
Maria Frances Lewis
Tracey Margaret Wright

THIRD CLASS

Neil David Borthwick

**Special Subject:
Philosophy**

FIRST CLASS

Mark Hammonds
Herman Werner Siemens

SECOND CLASS

(Lower Division)

Nigel Vincent Knight

THIRD CLASS

Alev Adiloglu

PASS

Paul Thomas Walter Houghton

**Special Subject:
Government and History**

FIRST CLASS

Martin Christopher Hodgson

SECOND CLASS

*(Upper Division)*Virginia Louise Baumann
Elizabeth Mary Scott Caldwell
Edward Arnold Fisher
Keith Aubrey Pearson
Katrina Mary Ring
Robert Gideon Shrimley
Nina Audrey Taylor
Barry Richard Vincent

SECOND CLASS

*(Lower Division)*David Thomas Bull
Mary Beth Christie
Adele Suzanne Dodd
Sally Ann Elvidge
Philip William Groves
John Anthony Lynch
Caroline Jane Miller
Simon Heywood Morris
Sandra Lesley Pannell

THIRD CLASS

Mark Alexander Austin

PASS

Basil Lancelot Bollers

**Special Subject:
Economics and Economic History**

SECOND CLASS

*(Upper Division)*Rebecca Jane Endean
Elizabeth Ann Lewis

SECOND CLASS

(Lower Division)
James Gordon Wheaton

PASS

Patrick Henri Louis Van Der Wyck

**Special Subject:
Philosophy and Economics**

SECOND CLASS

*(Lower Division)*Simon Andrew Gardner
Karen Diana Shaw**Special Subject:
Social Policy**

SECOND CLASS

*(Upper Division)*Karen Elaine Alcott
Geraldine Elizabeth Chadwick
Karen Marie Eldridge
Susan Emmott
Glyn Paul Jones
William Thomas Quinn
Howard Paul Stevenson

SECOND CLASS

(Lower Division)

Jane Stephanie McKenzie-Hill

**Special Subject:
Population Studies**

SECOND CLASS

*(Upper Division)*Nicola Melanie Fasey
Annika Gun Ignell
Alexandra Louise Marks**Special Subject:
Industrial Relations**

SECOND CLASS

*(Upper Division)*Kevin John Cooper
Stephen John Smith
Adrian John Wilkinson

SECOND CLASS

(Lower Division)
Stuart John Clec

THIRD CLASS

George Galides
Lynn Patricia Marchant**Special Subject:
Mathematics and Economics**

SECOND CLASS

(Upper Division)
Dan Flowerdew**B.A. Honours in History****Branch II**

SECOND CLASS

*(Upper Division)*Nigel Rainsford Ball
Detmar Hamilton Lorenz Arthur Blow
Mandy Elizabeth Gill
Lucy Elizabeth Hannan
Tanya Joseph
Richard Ian Neilson
Andrea Mary Sutcliffe

SECOND CLASS

*(Lower Division)*Simon John Finberg
Anne Teresa Gorst
Saeeda Yasmin Hassany
John Stephen Hughes
Monica Katz
Robert Anthony Pryor
Karen Julie Nicola Rees
John Nicholas Roger Sadler
Brendan George Smith
Simon Andrew Topham

THIRD CLASS

Diane Lorna Moulton

LL.B. Final Examination

FIRST CLASS

Paul Eugene Lai Chin Look

SECOND CLASS

*(Upper Division)*Nicola Kate Akroyd
Adegboyega Oluwarotimi Austen-Peters
Alicia Valerie Baker
Claire Louise Burnett
Narinder Cheema
Antonios Evagoras Christodoulides
Danny Chin Kiat Chung
Joanne Crawford
Prachi Desai
John Anthony Donkersley
Claire Helen Downey
Kate Tamar Duncan
Alexander Vincent D'Ombraine-Hewitt
Jan Grozdanovic
Simon Richard Hartley
Gary Henderson
Narinder Pal Kaur Hothi
Patrick Kalu Ibekwe
Paul Alexander Carl Jaffe
Sarah Alison Jones
Vivien Lee
Iain George Miller
Timothy James Morley
Kishore Sharma
Guy Zander McDonald Smith
Michelle Stevens-Hoare
Kevin Lester Studd
Christopher Shaun Taylor
David Tat Jeong Vong
Andrew David Wilson

SECOND CLASS

*(Lower Division)*Gloria Abdullah
Naveena Ahmed
Adebisi Akerele
Kwesi Obentsil Amihyia
Michael Ernest Anderson
Nicholas Aspinall
Adrian Leon Cohen
Caroline Susan Grace Davies
Caroline Deborah Falkus
Eileen Mary Fay
Nicholas John Forster
Elias Ignatius Galy
Matthew Phillip Gold
Yin Hwang
Claudia Louise Keenan
Andrew John Levy
Susan Anne Wanjiku Matiba
Jan Axel Mellmann

Anthony Hugh Michaelson-Yeates
Ong Chin Huat
Robert Charles Perry
Michelle Marguerite Pindling
Anne Frances Renton
Maisie Elaine Robinson
Jonathan Peter Rose
Alan Abraham Samson
Matthew Braddock Sidebottom
Peter Andrew Simmonds
Anthony Howard Slone
Kirk Ian Elliott Soundy
Ruth Symons
Robert Tsang
Ann Denise Williams
Avril Helen Winifred Winson
Vivian Wong
Audrey Wong Chin Eng

THIRD CLASS

Bart Jonathan Clarence Linton
Michael James Waring

**LL.B. with French Law,
Final Examination**

FIRST CLASS

Ian Bell
Maria Juana Da Cunha Y Da Silva

SECOND CLASS

(Upper Division)

Chiara Saliba
Nicolas Guillaume Taylor

SECOND CLASS

(Lower Division)

Francoise Norah Lemagnen
Timothy James Ross Oldridge
Julie Karen Samnadda
Richard William Henry Shaw
Elizabeth Clare Weightman
Guy Duncan Willets

B.A. French Studies

FIRST CLASS

Daniella Habie Schwarz
Debra Louise Whitaker

SECOND CLASS

(Upper Division)

Sara Belinda Bleakley
Elizabeth Anne Dorsett
James Malachy Hargadon
Janet Elizabeth Rowley
Philip William Thompson
Alka Varma

SECOND CLASS

(Lower Division)

Caroline Jane Wille

**B.Sc. Main Field
Actuarial Science**

FIRST CLASS

Timothy Andrew John Dawson
Vincent Alain Yvan Legris
Brian Michael May
Tian Keat Aun

SECOND CLASS

(Upper Division)

Lean Wan Ong
Rachel Siviter

SECOND CLASS

(Lower Division)

Karim Dhanani
Schehrezade Sadeque

PASS

Yuen Ying Tsui

**B.Sc. Main Field
Actuarial Science and Mathematics**

SECOND CLASS

(Lower Division)

Mohamed Koker

B.Sc. Main Field Computing

PASS

Anthony Man Hoo Leung

B.Sc. Main Field Mathematical Sciences

SECOND CLASS

(Lower Division)

Andrew John Nicholson

B.Sc. Main Field Mathematics

FIRST CLASS

Abdullah Nouri Al Othman

SECOND CLASS

(Upper Division)

Marian Angela Rosenberg

**B.Sc. Main Field
Mathematics and Computing**

SECOND CLASS

(Upper Division)

Nicola Mary Jane Boyce

SECOND CLASS

(Lower Division)

Demetris Michael Loucaides
Lucy Norris

B.Sc. Main Field Statistics

SECOND CLASS

(Upper Division)

Robert David Williams

**B.Sc. Main Field
Statistics and Computing**

SECOND CLASS

(Upper Division)

Chi Po Chang

**B.A. Main Field
Geography**

SECOND CLASS

(Upper Division)

Peter Charles Abraham
Oliver Frank Hughes Berry
David Alan Godwin
Nigel Keith Parsons

Gerald Charles Rothwell
Peter James Schoff
Paul Henry Williams

SECOND CLASS

(Lower Division)

Jeremy Stuart Leitch
Nicholas Raymund Saltrese

THIRD CLASS

Elizabeth Francis Mahoney

**B.Sc. Main Field
Geography**

FIRST CLASS

Daniel Paul Burns

SECOND CLASS

(Upper Division)

Sally Belinda Drake
Ava Miriam Morgenstern
Aidan Robert Martin Prior
Alasdair Philip Symonds

SECOND CLASS

(Lower Division)

Ralph Thomas Browning
Susan Elizabeth Cocking
Stelios George Dickie
Mary Jane Chester Hughes
Raymond John Kingsbury
Thomas Graeme Pine
Sally Jane Pollard
Susan Read

THIRD CLASS

Fiona Dorothy Oliver

**B.Sc. Main Field
Management Sciences**

FIRST CLASS

Sonia D'Emilio
Neda Said
Pin Pin Mary Yiu

SECOND CLASS

(Upper Division)
 Julian Charles Redvers Green
 Stephen Lloyd Hall
 Yik Ping Hui
 Vijay Raghavan Krishna Kannan
 Gerald Nachshen
 Dhiresch Jayantilal Shah
 Louise Alexandra Williamson

SECOND CLASS

(Lower Division)
 Rumana Munira Anjum
 Boon Yong Chan
 Anne Teresa Flanagan
 Julie Anne Kendrick
 Shaheen Knox
 Kathleen Leong Kah Poh
 Stephen Chee Hung Ong
 Simon William Ralph

THIRD CLASS

Nicholas David Briski
 Cecilia Wai Yin Lau
 Marina Loucaides
 Anissa Yee Fun Ma

**B.A. Main Field
Social Anthropology**

FIRST CLASS

Samuel Peter Landell-Mills
 Harvey Whitehouse

SECOND CLASS

(Upper Division)
 Duncan Christopher Barette
 Carlotta Guglielmino
 Graeme Gustard
 Anna Clare Hillier
 Ben Warner Priestley
 Rosalind Loretta Rosen
 Rafael Runco Galvan
 Frances Elizabeth Mary Tagg
 Alison Rosemary Helen Ticher

SECOND CLASS

(Lower Division)
 Matthew David Finn
 Diarmuid Peter Benjamin Richardson

THIRD CLASS

Arthur William Trim

PASS

Anthea Christina Stephenson Kensell
 Setright

**B.Sc. Main Field
Social Anthropology**

SECOND CLASS

(Upper Division)
 Philipa Mary Aldous
 Jean Ann Collins

SECOND CLASS

(Lower Division)
 Isabel Druce

**B.Sc. Main Field
Social Psychology**

FIRST CLASS

Bradley William Franks

SECOND CLASS

(Upper Division)
 Orly Bahary
 Madeleine Ann Clarke
 Antonio Maria De Castro Oliveira
 Lesley Ann Edwards
 Thomas Hart
 Vincent James Harvey
 Hilary Jennifer James
 Roger Outing
 Nicola Jane Pepper
 Roger James Perry
 Linzi Victoria Pollard
 Rachel Mary Preston
 Adrian Michael Roche

SECOND CLASS

(Lower Division)
 Karen Denise Cook
 Fiona Clare Cullen
 Sarah Alanna Fitzgerald
 Philip Adrian Wharton

THIRD CLASS

Joyce Frimpong-Ansah
 Sally Anne Wainwright

B.Sc. Main Field Sociology

SECOND CLASS

(Upper Division)
 Simon Gerald Ford
 Catherine Elizabeth Handley
 Peter Irvine
 Mary Sylvia Seathwaite Laisby
 Joanne Laurenson
 Michelle Leckey
 Maureen Bridget Mooney
 Jane Nation
 Ian Douglas Shaw
 Nicola Jane Wilson-Pulley

SECOND CLASS

(Lower Division)
 Carina Therese Beeson
 Stephen Dennis Freeborn
 Mark Robert Hardingham
 Laurence Benjamin Hirsch
 Maria Kalabaliki-Prassides
 Amalia Kantzios
 Mani Minisclou
 Christina Monica Williams

THIRD CLASS

Bella Miriam Isaacs
 Suha Tabari

B.Sc. Social Science and Administration

SECOND CLASS

(Upper Division)
 Elizabeth Austin
 Rachel Una Dean
 Kim Elwood
 Deborah Mary James
 Fiona Victoria Littlefield
 Melinda Anne Marincowitz
 John Tomaney
 Shirley Isobel Ward

SECOND CLASS

(Lower Division)
 Elspeth Rosamund Morton Howe
 Delyth Audrey Rennie
 Castella Osberga Ricketts
 Michael Reginald Zamorski

Erratum

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**B.Sc. Main Field
Social Anthropology 1984**

SECOND CLASS

(Lower Division)
 Sandra Ann Noble

**Higher Degrees Awarded
1984-85**

This list includes all higher degrees awarded between January 1985 and January 1986. Not all degrees to be awarded on the basis of study and examination completed in the 1984/85 academic session will have been reported in that period; and some degrees awarded in that period will relate to earlier periods of study and examination.

Ph.D.

Ghali Abdellaoui Maan
 Juan Carlos Abril
 Mabel Ogechukwu Akosa
 Maria Tereza Nunes Chaves de Almeida
 Martyn John Andrews
 Manuel Arellano Gonzalez
 Constantia Berkeley
 Prabir Chandra Bhattacharya
 Malay Bhattacharyya
 Giacomo Bonanno
 Carole Sylvia Bourne
 Susan Mary Bowden
 Jennifer Springer Cavounidis
 Bidyut Chakrabarty
 Han-Ku Chung
 Simon James Clark
 Peter Clarke
 Marion Tandiwe Wheeler Clausen

Montserrat Coldeforns
 Ugo Colombino
 Claire Louise Corbett
 Eleanor Margaret Crawford
 Brian Lee Crowley
 Martin John Dedman
 Ebba Dohman
 Evangelia Dokopoulou
 Georgios Doukidis
 Andre Downs
 Michael Alwyne Emery
 Ian Stewart Emsley
 Eva Helena Ariela Zofia Gamarnikow
 Jaime Garcia Villar
 David Ponsonby Godden
 Desmond James Turner Graves
 Jeanne Gregory
 Pami Gugnani
 Simon Frederick Peter Halliday
 Maria-Jose Herrero Delgado
 Clive Edward Hill
 Nchimunya Chuma Himonga
 Rudolf Anthony Hirschheim
 Emma Charlotte Hooper
 Mary Horton
 Douglas John Selfridge Hutchinson
 Leslie Charles Jones
 Noelle Thomasine Jordan
 Eleftheria Karnavou
 Manfred Werner Keil
 Musa Hasabel Rasoul Kheirelsid
 David Klausner
 Nickolina Kosteletou
 Susan Anneliese Kuchler
 Oskar Kurer
 Andrew Steven Ladley
 Andrew McGeorge Lamb
 Andre Mailer
 Giancarlo Marini
 Lyn Martin
 Ian Francis McMaster
 Nicholas John Ounstead Miles
 Ernst Mohr
 Daniel Joseph Ignatius Murphy
 Elizabeth Nissan
 Manuel Guerra de Oliveira
 Ong Chit Chung
 Rolando Juan Ossowski
 Maria Emilia Paz Salinas
 Anne Elizabeth Power
 Roger Pye
 Asif Hasan Qureshi
 Estelle Roith
 Justin Michael Rosenberg
 Helena Sheiham

Christine Anne Sherrington
 James Patrick Simpson
 Virginia Sarah Smith
 Patten George Smith
 Marlene Elizabeth Spero
 Haralambos Stamatopoulos
 Julie Gordon Stark
 James Charles Stewart
 Martin John Stone
 Gavin Michael Peter Swann
 Kevin Theakston
 Eleftherios Tsoulouvis
 Caroline Elisabeth Turk
 Diana Alicia Tussie
 Yoshiaki Ushio
 David Egar Van Zandt
 Andrew James Walker
 Wilson Thinwa Wamani
 Christopher Worth
 Pamela June Yettram
 Fouad Samy Ahmed Zaghoul Zahran

M.Phil.

Richard Andrew Heckinger
 Niki Karapiperi
 Francis Vincent Lee
 Donald Norman Maciver
 Hector Medina Castro
 Alison Margaret Williams

M.Sc.

Abdullahi Mohamed Abdulwasi
 Edward Abse
 James Achur
 *Jeremy Ian Adelman
 Hyo Seung Ahn
 Aysha Ali Al-Khalifa
 Jukka Ilmari Alasentie
 Edith Jeany Albert
 James Michael Brenner Alexander
 Sylvia Elena Alfaro
 Jorge Rolando Almonacid Lopez
 Doreen Elizabeth Anderson
 Bruno Olivier Andriamamonjy Ramanoara
 *Thomas Neill Angier
 Martine Madeleine Angot
 Camille Marie Antinori
 Panayiotis George Apostolopoulos
 Joseph Osei Ari
 Aba Deborah Armah

*Mark of Distinction awarded

Joseph Fijabi Akinlolu Ashiru
 Ioannis Athanassiou
 Susan Elizabeth Atkins
 Bjorn Robertstad Aune
 Bassem Ibrahim Awadallah
 James Paul Backhouse
 Martin John Baker
 Abdullah Bakri
 Sranya Bamrungphong
 Felicity Jane Banks
 Rosemary Banks
 Keith Robert Bauer
 Ohad Bauernfreund
 Panagiotis Bayz
 John Andrew Beadle
 Mark Robert Beauchamp
 Christine Beaumont
 Paul Cullen Beatley
 Raymond Anthony Bedder
 Spomenka Bem-Foster
 Corrado Benassi
 Alden Cody Bentley
 Paul Roberts Bentley
 Habte-Giorgis Berhane
 Dominique Elizabeth Berthet
 Rakesh Kumar Bhala
 Vishnu Kumar Bhargava
 Philippe Andre Bibi
 *Dino Bibolini
 *Pablo Bieger-Morales
 George Robert Binette
 Eric Ira Blank
 Timothy John Boatswain
 Jonas Bobelis
 Anne Christy Bodine
 Magda Letizia Bonomo
 Eppo Boot
 Erik Audun Borg
 Jose Joaquim Do Rosario Botelho
 Susan Bowman
 Rhodri Bradley-Jones
 Catherine Denise Branning
 Guy Brassard
 Susan Brennan
 Rita Kelly Brewis
 Clare Bernadette Brierley
 Michael David Bromberg
 Barbara Louise Brown
 Steven Edward Brown
 Richard Alexander John Brown
 Marianne Clara Burg
 June Burnham
 Anthony Kenneth Burrett
 Adam John Butler
 Janet Cadwallader

Mark Calahan
 Ailsa May Cameron
 Parry Glen Cameron
 James Garth Cantwell
 Ifor Donald Capel
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 Niall Bernard Casey
 Richard Thomas Casey
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 Alessandro Ceccaroni
 Evangelos Chadjoannou
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 Rajagopal Dhor Chakrabarti
 *Michael Graham Chambers
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 *Sanjay Kumar Chandarana
 Yee Po Chang
 Hsiao Hui Virina Chang
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 Jeffrey Hock Lye Cheah
 Yoke-Lan Cheah
 Daniele Checchi
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 Vincenzo Chiorazzo
 Alessandra Chirco
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 Chan Yau Chong
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 Giuseppe Colangelo
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 Sara Julie Cresswell
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 Carlos Cumming-Mexia
 Ian Cundell
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 *Roland Dannreuther
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 Dimity Anne Kingsford-Smith
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 Oluwagbemisola Olufunke Okulaja
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**DIPLOMAS AWARDED BY
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DIPLOMA IN INTERNATIONAL LAW

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DIPLOMA IN LAW

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 †Morag Sheila Paterson
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 †Diploma obtained with Credit
 ††Diploma obtained with Merit
 †††Diploma obtained with Distinction

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 Andrew Arthur Okun
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Taiwo Olufemi Ekundayo
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Minjibir Abdullah Aminu
Fouzia Mohamed Said Badri
Lucy Akello Okuom Benter
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†††Diploma obtained with Distinction

Dominic Kariuki Kinuthia
†††Hou-Heung Lam
Njapali Ngum
Janet Fouad Sema'An

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††Angeliki Stathopoulou

DIPLOMA IN STATISTICS

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Rabin Lal Shrestha
Jeremy Michael Paul Wilshere

Research

The School is a major, internationally recognised, centre for advanced research in the social sciences. The subjects of research are very varied, several modes of organisation are used, and there is a continuous output in many different forms. It is therefore only possible to indicate briefly some of the most significant features but further details can be obtained from the School's Information Officer, the Conveners of the academic departments and the Directors of the research centres and units noted below.

Although much research is of an easily identified disciplinary character, the intellectual link between the subjects and disciplines gives much of the research a strong interdisciplinary flavour, which is often most marked in research applied to problems of public concern. The link between teaching and research is unusually close and many of the students undertaking higher degrees form a significant part of major research programmes. Most research is conducted by individual scholars or by small groups of collaborating scholars but a significant proportion is organised in the form of projects or programmes usually under the umbrella of a research unit or centre employing several research staff. The training of social science research workers is another aspect of the close link between research and teaching. Research at LSE often involves participation from other Universities in Britain and overseas and there is always a sizeable number of distinguished visiting scholars who contribute to and undertake research in the School.

The Research Committee is responsible for facilitating and encouraging the research effort of the School and for advising the Director on possible new opportunities and changing priorities. It monitors the methods by which the School evaluates performance and makes plans to meet the needs of high quality social science research. The single most important facility supporting research undertaken at LSE is the extensive resources of the British Library of Political and Economic Science, described elsewhere in the *Calendar*.

LSE recognises the importance of individual research in the social sciences, and each year allocates, from general funds, a sum (£80,700 for 1985-86) to the Staff Research Fund, which finances small research projects for which outside support is unsuitable or premature. The Fund is disbursed by a School Committee of the same name to the School's Departments which are grouped together for the purpose into seven "Research Divisions". The secretaries of these Divisions are

Economics: Dr. C. R. Bean
Geography/Anthropology: Dr. N. A. Spence
Government: Dr. H. Machin
International Studies: Dr. Antony Polonsky
Legal: Dr. D. A. Chaikin
Social: Mr. M. J. Murphy
Statistics: Mr. D. W. Balmer

Externally funded research is dominated by the research centres and units. Currently some 50 major projects are supported by the Research Councils, notably the Economic and Social Research Council, Government Departments, foundations and charities, and industry. The current research units are noted below.

1. STICERD
2. Business History Unit
3. Centre in Economic Computing
4. Centre for International Studies
5. Centre for Labour Economics
6. Decision Analysis Unit
7. Greater London Group
8. Industrial Relations and Work Behaviour Research Unit
9. Institute of Manpower Studies
10. International Resources Programme
11. Population Investigation Committee

Computer Services

The School has two Digital VAX 11/780 computers with VMS, which are used for teaching purposes and small scale research projects. The School is also linked to the University of London Computer Centre (ULCC) for access to the Amdahl 470 V/8 and the Cray IS computer facilities. ULCC also provides the gateway to other external networks. In addition access to the ICL 2988 computer and the Distributed Array Processor at Queen Mary College, and the CDC Cyber 855 computer at Imperial College is also available.

There are more than 100 workstations available for connection to the computer facilities including some with interactive graphics capability. There is also a variety of micro computers including the IBM PC and the BBC B. A PDP 11/84 provides word processing facilities for staff.

There is a comprehensive range of software applicable to the social sciences, including TSP, MINITAB, SCSS, GLIM, GINO, MAPICS, NAG, SCICONIC, MPCODE AND INGRES. An advisory service is provided to all computer users during normal office hours in the St. Clements Building.

All users are entitled to an allocation of computer time for teaching and academic research purposes; charges may be made for the hire of magnetic tapes or discs, and the use of some consumables. It is the policy of the University of London to charge those users in receipt of research grants with a financial provision for computing for all computer resources used.

Research Centres

Suntory-Toyota International Centre for Economics and Related Disciplines

The work of the Centre is directed by the Steering Committee consisting of: The Director, The Pro-Director, the Convener of the Economics Department, the Chairman of the School's Research Committee, and Professor A. B. Atkinson, Professor B. Carsberg, Professor W. R. Cornish, Professor J. Durbin, Professor R. M. Farr, Professor H. Glennerster, Professor L. Hannah, Professor M. King, Dr. M. Leifer, Professor I. Lewis, Professor D. G. MacRae, Professor D. Metcalf, Professor M. Morishima, Professor I. Nish, Dr. T. J. Nossiter, and Professor K. Thurley.

The Planning Sub-Committee consisting of Professors Atkinson, Durbin, Glennerster, King, Metcalf, Morishima and Dr. Nossiter meets regularly to consider applications to the Centre for support for research, and to discuss other aspects of the Centre's work.

The Centre's Administrative Officer is Mrs. Prue Hutton, and the Computer Support Officer is Mr. Brian Warren. The following research staff are working in the Centre on various programmes: Dr. E. Ahmad, Mr. M. Coady, Mr. J. Dreze, Ms. M. Evandrou, Dr. J. Gomulka, Miss R. Hall, Mr. B. Hayes, Mr. J. Hills, Dr. J. Le Grand, Ms. V. Perotin, Ms. J. Smith, Ms. H. Sutherland and Mr. D. Winter.

ST/ICERD finances a wide variety of research by members of the School staff, both inside and outside the Centre. Areas of research recently undertaken include work on the position of school-leavers, on the construction of financial data base, on unemployment, on the UK monetary sector, on pensions in France, and on the economic history of Japan. The Centre also provides funds to support the Saji Research Lectureship in Japanese Economic and Social History.

Support for postgraduate students is offered annually in the form of the Suntory-Toyota Studentships. The awards are intended to cover LSE fees, and may also include a maintenance grant. The studentships are administered by the Student Support Committee of the LSE.

The LSE Suntory-Toyota Lectures under the direction of the ST/ICERD Lectures Committee are intended to attract a wide and diverse audience from outside the School as well as LSE students and staff members.

Series of seminars are organised in a variety of fields during the year, including the Theoretical Economics Workshop, the International Studies Programme seminars, the

Anglo-French Workshop, the Capital Markets Workshop and the Welfare State Programme discussion group and seminars.

The Centre publishes discussion papers relating to the following subjects: Economics, Econometrics, Theoretical Economics, International Economics, International Studies, and Comparative Industrial Relations. The Welfare State Programme also produces a discussion paper series. Nine Occasional Papers have been produced and another is expected during 1986. These are for sale from the Centre.

The Centre is host to Academic Visitors and Distinguished Visitors from all over the world, welcoming them to participate in the academic life of the School and the University. The Japanese Visitors Scheme, intended to attract younger Japanese scholars working in both Japan and other parts of the world to visit the School, has recently been introduced.

The above activities are financed by the income arising to the Foundation for Economic Research at LSE which was established in 1978 on the basis of funds donated by Suntory Ltd., and the Toyota Motor Company Limited of Japan. In July 1985, a further donation was given to ST/ICERD by Suntory Limited, to support research on the future of the Welfare State, a comparative study of the roles of electronics engineers in Japan, the UK and West Germany, and research on Japanese economic and political history.

Business History Unit (Lionel Robbins Building, 10 Portugal Street, London WC2A 2HD)

The Unit has been set up by the School to fill an important gap in the historical field, that is the history of business, including technological aspects. The early years of the Unit were financed by a private appeal which was launched in 1978 and to which a number of members of the business community have subscribed. Professor Leslie Hannah, its Director, began work in the latter half of 1978 on planning the Unit's activities, and subsequent appointments include Dr. Geoffrey Jones as Lecturer researching on projects on multinational corporations and banking; Dr. Jonathan Liebenau as Research Officer on a project on patents and new technology; Dr. Richard Davenport-Hines as Research Officer on a project on the pharmaceutical industry; Dr. Mari Williams as Research Officer on a project on innovation in scientific instruments; Ms. Penny Marks as the Unit's Administrative Secretary; Dr. D. J. Jeremy as editor of the Dictionary of Business Biography; and Dr. Christine Shaw as deputy editor. Academic visitors to the Unit include Dr. W. J. Reader (working on teaching materials in business history), Dr. H. F. Gospel (on management-industry relations) and Sir Arthur Knight (on government-industry relations).

The financial management of the Unit is in the hands of a Steering Committee on which the School, Imperial College and business are represented. Its members are: Dr. I. G. Patel (Chairman), Mr. M. Caine (Booker McConnell), Rt. Hon. E. Dell (Channel Four Television), Mr. K. Dixon (Rowntree MacIntosh), Sir Arthur Knight, Sir Alastair Pilkington (Pilkington Bros. plc), Professor Z. A. Silberston (Imperial College), Mr. M. A. Weinberg (Hambro Life).

Academic guidance and support is provided by an Academic Management Committee consisting of: Professor H. C. Edey (LSE), Professor Sir Douglas Hague (Oxford Management Centre), Professor L. Hannah, Sir Arthur Knight, Professor F. F. Land (LSE), Professor D. G. MacRae (LSE), Sir Alastair Pilkington (The Chloride Group), Professor L. S. Pressnell (Kent), Dr. W. J. Reader, Professor B. C. Roberts (LSE), Professor Z. A. Silberston (Imperial College), Professor K. E. Thurley (LSE), Professor Charles Wilson (Cambridge).

ESRC Centre in Economic Computing

The ESRC Centre in Economic Computing, established at the School in July 1983, aims to provide resources to ensure that economists in universities and polytechnics have access to high quality software for the management and analysis of economic data. It

is important to establish an environment in which the difficulties facing the academic economist in developing, programming and verifying new techniques are minimised and to ensure that programs for new techniques, once developed, are made available widely to others.

The Centre continues to establish links with government and the business and commercial worlds and to ensure that the programs it produces for the academic community are also attractive to the commercial market-place. It is a responsibility of the Centre to provide support to the academic economist developing programs for new techniques and to make appropriate programs commercially available outside the academic environment. This dual role, involving the understanding of the needs of both communities, is particularly challenging. The Centre keeps a close eye on developments in economic computing and publishes a regular Bulletin which is distributed widely. A Register of Econometric Software is maintained and is published regularly.

Work is in progress on the design and development of two general purpose packages, one for the management and analysis of time series data and the other for use with cross-sectional data. These are being based heavily on software already available from academic sources. The main effort therefore is concentrated on developing a particularly friendly and convenient user interface for this software and arranging good and clear presentation of results. The packages will be available on the popular micro-computers and mainframes.

Work on the time series package is well advanced. The first few programs, scheduled for completion during the summer of 1986, will provide facilities for assessing important data bases such as those produced by the Central Statistical Office and the Bank of England, the management of the user's own data base, the display of data and a number of analyses including various regression methods, two and three stage least squares, full information maximum likelihood and Kalman filters.

As work on the time series package is completed it will be possible to start work on programs for use with cross-sectional data where a vital requirement is for flexible facilities for managing data and preparing it for analysis. It is anticipated that the Centre will look to the Package X statistical system to provide the data management facilities and will concentrate on the econometric analyses that are required. Package X, owned by Her Majesty's Government, already has the required high standard of friendly user interface. The Centre's activities will concentrate on providing the appropriate user interface for already available software for econometric analysis, and establishing required links with Package X. In addition, in co-operation with the ESRC Data Archive, the Centre is particularly anxious to provide software for assessing the publicly available data bases such as the General Household Survey and the Family Expenditure Survey.

Dr. Brian Cooper was appointed Director of the Centre in July 1983 and subsequent appointments include Miss Diana Whistler, Dr. Russell Lloyd, Mr. Frank Srba, Dr. Bahram Pesaran and Miss Therese Hume as Research Officers and Mrs. Rosemary Goodwin as the Centre's Secretary. The Centre is comfortably accommodated in offices on the fourth floor of the Lionel Robbins building.

The management of the Centre is directed by a Steering Committee consisting of: the Pro-Director (Chairman), Professor D. F. Hendry (Nuffield College), Professor A. C. Harvey (LSE), Mr. R. Bland (Stirling), Dr. B. E. Cooper and Professor K. F. Wallis (Director of the ESRC Macroeconomic Modelling Bureau, Warwick - ex-officio). An Advisory Committee meets annually to discuss the Centre's overall strategy and monitor its progress.

Centre for International Studies

The Centre for International Studies was established as an enterprise in interdepartmental collaboration in 1967 with the initial aid of a five year grant from the Ford Foundation. Its prime purpose has been to encourage individual research to a large extent with a regional focus. Soviet and Chinese studies were encouraged at the outset

but the range of interests has been extended to cover a number of regions including the Middle East and Europe. The Centre assumes administrative responsibility for an interdisciplinary Masters degree in European Studies which has attracted increasing demand.

The Centre is administered by a Steering Committee on which sit members of the Departments of Economics, Law, Government, International Relations and International History. This committee assumes responsibility for recommending the appointment of up to six Visiting Fellows annually from home and abroad. Visiting Fellows are given desk space for a minimum of one term without emolument but with access to the library facilities of the School and the University of London as well as membership of the Senior Common Room. The Fellows are lodged in a majestic oak-panelled room with six alcoves which was part of the School's former library. Although no formal obligations are imposed on Visiting Fellows they are expected to play some part in the intellectual life of the School especially through guest lectures and seminars. In 1985/6 the following Fellows were appointed: Dr. J. Beaglehole (University of Waikato); Dr. J. Camilleri (La Trobe University); Dr. E. Fung (Griffith University); Professor I. Getzler (Hebrew University); Dr. A. Knight (Library of Congress); Dr. J. Pinder (Policy Studies Institute); Dr. L. Romanecki (Hebrew University).

The Centre sponsors a monograph series in the field of International Studies published by the Cambridge University Press. During the current year, the following titles have been published: Joo-Hong Nam, *America's Commitment to South Korea* and Khong Cho-Oon, *The Politics of Oil in Indonesia*.

Associated with the Centre is the journal *Survey* which deals with East-West issues and which came into a special relationship with the School in 1976.

The Centre's Steering Committee consists of Dr. M. Leifer (Chairman) Dr. P. Birnie, Dr. S. Estrin, Professor G. Ionescu, Mr. L. Labeledz (Editor, *Survey*), Dr. P. H. Lyon, Dr. H. Machin, Mr. A. Marin, Mr. J. B. L. Mayall, Professor I. H. Nish, Dr. A. B. Polonsky, Dr. A. Sked, Dr. G. R. Smith, Mr. G. H. Stern, Mr. M. D. Steuer, Professor S. Strange, Dr. P. G. Taylor, Professor D. C. Watt, Mr. P. Windsor.

Centre for Labour Economics

The Centre for Labour Economics is a part of the Department of Economics. It is one of nine E.S.R.C. Designated Research Centres in the social sciences, to which the Economic and Social Research Council has committed long-term finance. The Centre's major current research is on unemployment, asking why the level of unemployment has been so high, and what can be done about it. The work involves studies of labour demand and supply, as well as of the unemployed themselves. Work is also being done on wage determination, on the effects of profit-sharing and on technology and jobs. The Centre is also developing a small macroeconomic model of the UK economy and co-organising a major collaborative programme on European unemployment. The work is supported not only by E.S.R.C. but also by the Department of Employment, the Esmee Fairbairn Charitable Trust and the European Community.

The research is being undertaken by Dr. C. Bean, Professor R. Blundell, Dr. S. Estrin, Mr. R. Jackman, Professor R. Layard (Head of the Centre), Professor D. Metcalf, Dr. J. Moore, Professor S. Nickell, Dr. A. Oswald, Professor C. Pissarides (Research Director), Dr. J. Symons, Dr. F. van der Ploeg (all part-time), in collaboration with three research officers and numerous research assistants (most of whom are graduate students).

The Centre produces a series of discussion papers which are available on request. Last year 26 discussion papers were produced, and 23 articles published. The Centre has a regular sequence of overseas visitors (mainly from the U.S.). There is a weekly seminar on unemployment attended by civil servants and academics. Last year the Centre organised a major conference on Britain's economic performance, and published the results of its previous conference (on rising unemployment) as a special issue of *Economica*. This year's conference will again deal with rising unemployment.

The Centre has a library on the economics of labour, and is associated with the teaching of labour economics to M.Sc. and Ph.D. students. Many research students work in the Centre, either on E.S.R.C. grants or financed by the Centre.

Decision Analysis Unit

Creating usable scientific knowledge of human decision making is the main purpose guiding the work of the Decision Analysis Unit. Most of the Unit's research is conducted in the field; by helping organisations to improve the quality of specific decisions they are currently facing, much is learned about how real problems are dealt with by individuals and groups, and how they can be helped to do better.

In 1985-86, basic and applied research contracts contributed about £200,000 of the Unit's income, with another £5000 derived from sales of software and from the editorial work of Dr. Phillips on the Journal of Forecasting. Basic research accounts for 39% of the total. One project, supported by the University Research Council of ICL, is trying to discover how senior executives in organisations exercise judgement about complex problems such as strategic planning and resource allocation. The other basic research project, supported by the European Research Office of the US Army Research Institute for the Behavioral & Social Sciences, is looking at how individuals and groups deal with complex decision problems. It is also examining decision-aiding systems produced by other workers, creating a library of these systems, and developing a structuring language that will facilitate the development of decision-aiding systems.

Applied work contributed 58% of the Unit's income during the year. One project, funded by the EEC's ESPRIT programme, is conducting 'pre-competitive' research on the procedures, processes and instruments that could be used by a supplier of information technology to determine the office technology requirements of a potential customer. A second project, funded by the Management Systems Business Centre of ICL, enabled the Unit to transfer its expertise about decision conferencing to ICL who established their own Decision Conferencing Unit as a service to ICL customers. Other work under this project includes development of new decision support concepts and systems.

The year saw the launch by the Careers and Occupational Information Centre (Manpower Services Commission) of RESOLVE, a BBC Microcomputer programme, developed by the Unit, that can be used by school children to help them with career decisions. Also, a new version of MAUD, a flexible and user-friendly system that helps people to clarify their objectives and to choose among options, was introduced in the spring by the Unit. Sales of this program should begin to contribute to the Unit's income.

Dr. John Rohrbaugh, who holds the Chair of the Department of Public Administration in the Graduate School of Public Affairs at the State University of New York at Albany, was an Academic Visitor to the School during the year. He was actively involved in the Unit's research programme, and contributed his experience of decision making in the public sector.

During the year the Unit was reviewed by a Review Panel whose report was considered by various School Committees. As a result, it was agreed that "... in view of the academic importance and the high quality of the work of the Unit and in recognition of the Unit's valuable contribution to the academic life of the School, the Unit be invited to continue at the School for a further five years (1987-92)..."

The work of the Unit is guided by a Steering Committee whose members include the Pro-Director, Professor D. J. Bartholomew, Professor D. R. Diamond, Professor F. F. Land, Professor R. M. Farr, Professor L. P. Foldes, Mr. Q. Morris (Court of Governors), Mr. R. Miller (Secretary General, Association of Insurance and Risk Managers in Industry and Commerce), Mr. T. Evans (King's fund College), and Dr. John Hawgood (PA Computers and Telecommunications).

Greater London Group

The Group, formed in 1958 by Professor W. A. Robson who remained its chairman until his death in 1980, consists of about 15 members of the academic staff from several

departments of the London School of Economics and Political Science together with three members from other colleges of London University. The Group was originally formed to give disinterested evidence to the Royal Commission on Local Government in Greater London. The Group's evidence had a considerable influence on the report of the Royal Commission and even more on the reforms carried out by the London Government Act 1963. Since then it has continued to carry out research into a number of subjects relating to local government in London and the south east region. Published results include:

S. K. Ruck, *London Government and the Welfare Services*, Routledge and Kegan Paul, 1963.

S. K. Ruck, *Municipal Entertainment and the Arts in Greater London*, Allen and Unwin, 1965.

Greater London Group, *Local Government in South East England*, Royal Commission on Local Government in England, Research Studies 1, H.M.S.O., 1968.

G. Rhodes, *The Government of London: The Struggle for Reform*, Weidenfeld and Nicolson, 1970.

G. Rhodes (Ed.), *The New Government of London: The First Five Years*, Weidenfeld and Nicolson, 1972.

E. Wistrich, *Local Government Reorganisation: The First Years of Camden*, Camden Borough Council, 1972.

M. F. Collins and T. M. Pharaoh, *Transport Organisation in a Great City: The Case of London*, Allen and Unwin, 1974.

The Group has subsequently completed three major research projects. One is an examination of London's labour market with particular reference to the problems of recruitment and retention of staff by large employers in both the public and private sectors of industry. The second is a comparative study of the political process in four London boroughs. Entitled 'Politics and Democracy in Four Selected London Boroughs', it sought to determine what factors influence the policies and resource allocation of the Councils and the methods by which these matters are determined. The Group submitted evidence to the Government on the proposed abolition of the Greater London Council and has examined how London government will work after the abolition of the GLC.

To complement the major publications noted above, the Group also publishes a series of research monographs known as the Greater London Papers (they are listed at the foot of this note). The current office holders are: Chairman: Professor D. R. Diamond, Research Secretary: Dr. M. Hebbert.

PUBLICATIONS

Greater London Papers

1. *Education in Greater London*, A. V. Judges. 2. *Theories of Local Government*, W. J. M. Mackenzie. 3. *The Greater London Boroughs*, W. A. Robson. 4. *Housing in Greater London*, J. B. Cullingworth. 5. *Health, Welfare and Democracy in Greater London*, D. V. Donnison. 6. *Transport in Greater London*, E. Davies. 7. *Town Planning in Greater London*, P. J. O. Self. 8. *A Metropolis Votes*, L. J. Sharpe. 9. *The Heart of Greater London*, W. A. Robson. 10. *Research in Local Government*, L. J. Sharpe. 11. *Policies and Politics in Secondary Education*, D. Peschek and J. Brand. 12. *Town Government in South-East England*, G. Rhodes. 13. *Some Characteristics of Motorists in Central London*, J. M. Thomson. 14. *Metropolitan Planning*, P. J. O. Self. 15. *Labour Supply and Employment Duration in London Transport*, John W. Smith. 16. *Future of London Government*.

Papers Nos. 1, 3, 4 and 6 are out of print; the remainder are available from the Secretary of the Group.

Industrial Relations and Work Behavioural Research Unit

This Unit was formed to bring together the research activities of the Industrial Relations

department. The overall research programme is under the direction of Professor K. E. Thurley.

Current research includes a study of motor-car industrial relations in West European countries and the USA; a project on the personnel function in the UK; a project on the attitudes of electronics industry employees in eight countries, a study of the roles of trade union officers and a study of the role problems of middle management.

Institute of Manpower Studies, Mantell Building, University of Sussex, Falmer, Brighton BN1 9RF

An agreement exists between the School and the Institute, which is an independent company limited by guarantee, registered as a charity and located at London School of Economics and the University of Sussex.

The Institute became operational in 1970. It is a professional body which has consolidated and expanded its research, advisory and related work in the fields of manpower management, the operation of labour markets, and issues of employment and training policy. The Institute is specifically concerned with: providing informed comments on manpower issues of national importance; undertaking relevant investigations and research; raising the standards of practice of manpower management in employing organisations; creating a wider understanding of the practical issues involved.

The Institute's extensive education and training programme is concerned particularly with providing short, post-experience courses and management seminars firmly based on its research and advisory activity. It also provides limited opportunities for longer term postgraduate work and for secondments from industry and other employing organisations.

I.M.S. expertise and resources are available to all organisations requiring guidance on the solution of manpower or labour market problems. The Institute has close contact with employers, trade unions, representative associations, and government departments and agencies. Institute staff have built up extensive working relationships throughout the United Kingdom and in other countries.

The Institute's President is Sir Peter Walters, the Executive Chairman is Mr Alan Swinden, the Director is Mr. John Elliott, and the Associate Directors are Mr. Malcolm Bennison and Mr. Richard Pearson. Annual reports, newsletters and lists of publications are available from the Institute.

International Resources Programme

Begun in 1984 this Programme is run jointly by the Departments of Economics, Geography, Government, International Relations and Law. It is designed to promote the interdisciplinary investigation of problems in the exploitation and development of the world's natural resources (a) by bringing together LSE staff and graduate students undertaking research in the area, and (b) by establishing contact with between the academic community and those in industry, commerce and government who are actively engaged in resource development. The main method for achieving these aims has been the organisation of a regular series of seminars: in 1984-85 the theme was: *The International Oil Industry: an interdisciplinary perspective* (publication is forthcoming in 1986), in 1985-86 the theme was: *Global Energy Prospects: Supply Side Issues*. The speakers, from Britain and overseas, were drawn equally from among leading academics and widely experienced practitioners.

The International Resources Programme is managed by a committee composed of Dr. P. W. Birnie, Professor D. Cameron Watt, Professor M. Desai, Professor D. R. Diamond (Chairman), Professor R. Higgins, Professor P. R. Odell, Dr. J. A. Rees (Secretary) and Professor S. Strange. All enquiries should be addressed to the Secretary, including details of the Graduate Student Research Group in International Resources.

Population Investigation Committee

The Population Investigation Committee, which was established in 1936, is a research

group concerned with the study of demographic questions and has been housed at the School since World War II. It is affiliated with the School and acts as adviser on questions of demographic research and teaching.

Since 1948, the Committee has published *Population Studies*, the first English language journal devoted to the subject and one of the world's leading demographic publications. The first editors were Professor D. V. Glass (until his death in 1978) and Mr. E. Grebenik who continues as editor with Professor J. N. Hobcraft and Dr. R. Schofield as joint editors. The journal appears three times a year and has a large circulation, more than 75% of which is made up of overseas subscribers.

A major investigation initiated by the Committee under the direction of Dr. J. W. B. Douglas, was the National Sample Survey of the Health and Development of Children, based on a follow-up study of an appropriately designed sample of children born in one week in 1946 in every area of Great Britain. Many papers and a number of books have resulted from this study, which was taken over by the Medical Research Council in 1962, when the M.R.C. Unit for the Study of Environmental Factors in Mental and Physical illness was set up at L.S.E. When Dr. Douglas retired in 1979, the Unit was transferred to the University of Bristol, with Professor John Colley being appointed as the new Director.

In 1976 the Nuffield Foundation awarded a grant to the Committee to analyse the data on social mobility in the National Sample Survey and several papers resulting from this research have been published.

The Committee's research programme has included studies of the changes in marriage and divorce in England and Wales over the past hundred years and investigations into fertility and birth control practice as well as research into historical demography. Publications resulting from the research include many papers and several books, notably *Birth Control Practice and Marital Fertility in Great Britain*, by C. M. Langford, *The Demography of the British Peerage*, by T. M. Hollingsworth and *Numbering the People* by D. V. Glass. The Committee also co-operated with the Scottish Mental Survey in their follow-up study of Scottish children, which resulted in the publication of many books.

In collaboration with L.S.E., the Committee organised a postgraduate training programme in demography, focused on developing countries by accepting students from developed societies. Since its establishment in 1965, over 300 students have been admitted. A book embodying the results of new methodological research undertaken in connection with the training programme, *Demographic Estimation for Developing Societies*, by N. H. Carrier and J. N. Hobcraft, was published by the Committee in 1971.

In 1981, the Committee set up a small grant scheme to encourage research work in population studies, and grants have been given to enable data to be collected in Italy, Swaziland and Malaysia, as well as in the U.K.

The Committee has received financial support from many bodies, including the Social Science Research Council, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Eugenics Society, the Simon Population Trust, the Population Council and the Rockefeller Foundation. The Chairman of the Committee is Professor E. A. Wrigley; the Vice-Chairman is Professor J. N. Hobcraft; the Honorary Treasurer is Mr. E. A. Johnston, the Government Actuary; the Research Secretary is Mr. M. Murphy, and the General Secretary is Mrs. D. Castle.

Current Research Interests

An insight into the current research interests of the staff at LSE can be obtained from the recently launched journal, *The LSE Quarterly*, which aims to present the results of research undertaken at LSE in non-technical language to persons having a serious interest in the social sciences. Also, the annual list of publications of members of staff (see next section), provides a detailed and comprehensive picture.

Publications by Members of Staff from 1 August 1984 to 31 July 1985

(This list includes publications that were not available for inclusion in the report for 1983-84.)

Director's Publications

'Fiscal and Monetary Policies for Development' a review article on *Fiscal and Monetary Policies and Problems in Developing Countries* by Eprime Eshag (Cambridge University Press, 1983. Review article published in *Economic and Political Weekly*, Vol. XIX, No. 37, 15 September 1984)

'The Current Crisis in International Economic Cooperation' (*Journal of Development Planning*, No. 14, 1984)

Accounting and Finance

Ms. Judith F. S. Day

(With Bryan Carsberg) 'The Use of Current Cost Accounting Information by Stockbrokers' in Bryan Carsberg and Michael Page (Eds.), *Current Cost Accounting: The Benefits and the Costs* (Prentice-Hall International/ICAEW, August 1984)

Professor H. C. Edey

'Accounting and the Law' in Carsberg and Hope (Eds.), *Current Issues in Accounting* (Philip Allan, 1984)

'The Logic of Financial Accounting' reprinted in Shaw (Ed.), *Contemporary Issues in Accounting* (Pitman, 1984)

Mr. Christopher J. Napier

'Pension Costs' in D. J. Tonkin and L. C. L. Skerratt (Eds.), *Financial Reporting 1984-85: A Survey of U.K. Published Accounts* (Institute of Chartered Accountants in England and Wales, 1984)

'Teaching Accounting History at LSE' (*Accounting History*, Vol. 7, Nos. 1 and 2, 1984)

Mr. C. W. Noke

'Financial Reporting and Changing Prices — A Review of the Issues' (*Omega*, Vol. 13, No. 3, May 1985)

Ms. J. M. Rutterford

'Anatomy of a Rights Issue' (*The Accountant*, 21 March 1985)

Convertibles: the Hybrid Securities' (*The Accountant*, 11 April 1985)

'Investment Projects and Profitability: A Reply' (*Accountancy*, June 1985)

'The Securities Industry' (*The Treasurer*, June 1985)

Ms. Swee-Im Ung

Instructor's Manual to Corporate Finance: Concepts and Applications (Kent Publishing Company, 1985)

Anthropology

Professor M. E. F. Bloch

Marxism and Anthropology: The History of a Relationship (Oxford University Press, New Paperback Edition, 1985)

'Religion and the Development of Classes. The Recovery of Ideology' in W. Dostal (Ed.),

On Social Evolution (Wiener Beiträge zur Ethnologie und Anthropologie, 1984)
'Formalised Speech and Power' in R. T. Mahuta (Ed.), *A Whaikoorero Reader* (University of Waikato, 1984)

'Preface' to *Guns and Rain: Guerrillas and Spirit Mediums in Zimbabwe* by D. Lan (Curry and University of California Press, 1985)

'Religion and Ritual' in *The Social Science Encyclopedia* (Routledge and Kegan Paul, 1985)

(With K. Imamura and S. Tanabe) 'Girei to Idologi' (*Gendai Shiso*, Vol. 12, No. 14, 1984)

'And What do the Peasants Think?' (*Inside Asia*, No. 5, 1985)

(With J. H. Bloch) Shortened and Modified Translation 'Women and the Dialectics of Nature in 18th Century French Thought' (*Gendai Shiso*, Vol. 15, No. 2, 1985)

Dr. C. J. Fuller

'Initiation and Consecration: Priestly Rituals in a South Indian Temple' in R. Burghart and A. Cantlie (Eds.), *Indian Religion* (Curzon Press, 1985)

(With Penny Logan) 'The Navaratri Festival in Madurai' (*Bulletin of the School of Oriental and African Studies*, Vol. 48, Part 1, 1985)

'Royal Divinity and Human Kingship in the Festivals of a South Indian Temple' (*South Asian Social Scientist*, Vol. 1, No. 1, 1985)

Professor I. M. Lewis

Ecstatic Religion (Hosei University Press, Japanese Edition, 1985)

'Die Berufung des Schamanen' in H. P. Duerr (Ed.), *Sehnsucht nach dem Ursprung: zu Mircea Eliade* (Syndikat, Frankfurt, 1983)

'International African Institute: Report of Honorary Director for 1984' (*Africa*, Vol. 55, No. 2, 1985)

'La legittimità dell'antropologia applicata' (*Laboratorio di Scienze dell'Uomo*, 1, Politica dello sviluppo, Anno II, No. 7, May 1985)

Dr. P. Loizos

'Comment on Grace Goodell's "Paternalism, Patronage and Potlatch"' (*Current Anthropology*, April 1985)

Dr. J. Overing

'Dualisms as an Expression of Difference and Danger: Marriage Exchange and Reciprocity Among the Piaroa of Venezuela' in Kenneth Kensinger (Ed.), *Marriage Practices in Lowland South American Societies* (University of Illinois Press, 1984)

Anthropology Symposium Report: 'Shamanism in Lowland South American Societies, a Problem of Definition' in John Lynch (Ed.), *Past and Present in the Americas: a Compendium of Recent Studies* (Manchester University Press, 1984)

'There is no End of Evil: the Guilty Innocents and their Fallible God' in D. Parkin (Ed.), *The Anthropology of Evil* (Blackwells, 1985)

Dr. J. P. Parry

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Statistics of Students

(Figures based on count at 31 May)

Table A: Undergraduate and Postgraduate Students: 1981-82 to 1985-86

	Session 1981-82	Session 1982-83	Session 1983-84	Session 1984-85	Session 1985-86
1. REGULAR STUDENTS					
Full-time					
Undergraduate Degree	2137	2120	1997	1987	2076
Other Undergraduates	202	195	203	222	265
Total: Full-Time Undergraduates	2339	2315	2200	2209	2341
Higher Degree	1160	1140	1162	1235	1261
Higher Diploma	227	184	180	186	164
Research Fee	86	65	71	68	76
Total: Full-Time Postgraduates	1473	1389	1413	1489	1501
TOTAL: ALL FULL-TIME STUDENTS	3812	3704	3613	3698	3842
Part-time					
Undergraduate Degree	28	26	26	25	19
Other Undergraduates	-	1	-	-	-
Total: Part-time Undergraduates	28	27	26	25	19
Higher Degree	553	464	501	511	526
Higher Diploma	13	11	12	19	17
Research Fee	9	5	9	18	10
Total: Part-Time Postgraduates	575	480	522	548	553
TOTAL: ALL PART-TIME STUDENTS	603	507	548	573	572
TOTAL: ALL UNDERGRADUATE STUDENTS	2367	2342	2226	2234	2360
TOTAL: ALL POSTGRADUATE STUDENTS	2048	1869	1935	2037	2054
TOTAL: ALL REGULAR STUDENTS	4415	4211	4161	4271	4414
2. OTHER STUDENTS					
Occasional Students	41	36	37	41	41
Single Term Students	106	129	135	135	120
TOTAL OTHER STUDENTS	147	165	172	176	161
3. TOTAL ALL STUDENTS	4562	4376	4333	4447	4575

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
B.Sc. Mathematics and Philosophy									
1st year	1	-	1	1	-	1	-	-	-
2nd year	-	-	-	2	-	2	1	-	1
3rd year	1	-	1	-	-	-	1	-	1
Totals	2	-	2	3	-	3	2	-	2
B.A./B.Sc. Social Anthropology									
1st year	3	15	18	6	14	20	4	18	22
2nd year	9	10	19	2	15	17	6	14	20
3rd year	4	15	19	9	9	18	2	16	18
Totals	16	40	56	17	38	55	12	48	60
B.Sc. Social Psychology									
1st year	4	15	19	3	16	19	10	10	20
2nd year	9	14	23	4	16	20	2	13	15
3rd year	3	15	18	8	12	20	4	17	21
Totals	16	44	60	15	44	59	16	40	56
B.Sc. Sociology									
1st year	9	18	27	8	24	32	8	19	27
2nd year	6	17	23	8	15	23	6	16	22
3rd year	5	19	24	6	14	20	7	14	21
Totals	20	54	74	22	53	75	21	49	70
B.A. French Studies									
1st year	-	-	-	-	-	-	-	-	-
2nd year	-	-	-	-	-	-	-	-	-
3rd year	2	7	9	-	-	-	-	-	-
4th year	3	8	11	2	7	9	-	-	-
Totals	5	15	20	2	7	9	-	-	-

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
B.A. Social Anthropology and Mediaeval History									
1st year	-	-	-	-	-	-	-	-	-
2nd year	-	-	-	-	-	-	-	-	-
3rd year	1	-	1	-	-	-	-	-	-
Totals	1	-	1	-	-	-	-	-	-
B.Sc. Social Policy and Administration									
1st year	-	-	-	3	23	26	3	15	18
2nd year	-	-	-	-	-	-	1	18	19
3rd year	-	-	-	-	-	-	-	-	-
Totals	-	-	-	3	23	26	4	33	37
B.Sc. Social Science and Administration									
1st year	8	11	19	-	-	-	-	-	-
2nd year	4	11	15	6	9	15	-	-	-
3rd year	4	15	19	4	10	14	5	8	13
Totals	16	37	53	10	19	29	5	8	13
LL.B.									
1st year	43	47	90	44	41	85	47	64	111
2nd year	39	28	67	40	49	89	37	41	78
3rd year	62	30	92	39	29	68	39	47	86
Totals	144	105	249	123	119	242	123	152	275

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
LL.B. with French Law									
1st year	3	4	7	4	5	9	1	-	1
2nd year	-	3	3	2	3	5	4	4	8
3rd year	5	5	10	1	6	7	1	2	3
4th year	-	-	-	4	2	6	1	4	5
Totals	8	12	20	11	16	27	7	10	17
LL.B. with German Law									
1st year	-	-	-	-	-	-	-	3	3
B.A. History									
1st year	11	8	19	8	8	16	12	11	23
2nd year	10	11	21	11	7	18	6	9	15
3rd year	10	11	21	11	11	22	10	8	18
Totals	31	30	61	30	26	56	28	28	56
TOTAL: UNDERGRADUATE DEGREE STUDENTS	1268	755	2023	1231	781	2012	1267	828	2095
OTHER REGULAR STUDENTS:									
General Course	109	82	191	107	99	206	126	130	256
Trade Union Studies	10	2	12	13	3	16	6	3	9
TOTAL: OTHER REGULAR STUDENTS	119	84	203	120	102	222	132	133	265
TOTAL: REGULAR UNDERGRADUATES	1387	839	2226	1351	883	2234	1399	961	2360
OTHER STUDENTS									
Single Term	62	73	135	62	73	135	69	51	120
Occasional	28	9	37	21	20	41	20	21	41
TOTAL: OTHER STUDENTS	90	82	172	83	93	176	89	72	161
TOTAL: ALL UNDERGRADUATE STUDENTS	1477	921	2398	1434	976	2410	1488	1033	2521

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
2. POSTGRADUATES									
Ph.D./M.Phil. STUDENTS									
Accounting and Finance									
1st year	-	-	-	1	-	1	8	1	9
Subsequent years	6	1	7	4	-	4	3	-	3
Totals	6	1	7	5	-	5	11	1	12
Anthropology									
1st year	1	6	7	7	12	19	1	3	4
Subsequent years	7	16	23	6	15	21	7	13	20
Totals	8	22	30	13	27	40	8	16	24
Demography									
1st year	-	-	-	3	-	3	-	1	1
Subsequent years	3	-	3	-	-	-	4	-	4
Totals	3	-	3	3	-	3	4	1	5
Economics									
1st year	9	2	11	15	3	18	22	3	25
Subsequent years	44	11	55	36	7	43	31	7	38
Totals	53	13	66	51	10	61	53	10	63
Econometrics									
1st year	-	-	-	-	-	-	-	-	-
Subsequent years	2	-	2	1	-	1	-	-	-
Totals	2	-	2	1	-	1	-	-	-
Economic History									
1st year	6	1	7	9	1	10	6	3	9
Subsequent years	13	7	20	17	4	21	14	4	18
Totals	19	8	27	26	5	31	20	7	27

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Geography									
1st year	14	-	14	7	1	8	9	3	12
Subsequent years	21	6	27	21	2	23	23	2	25
Totals	35	6	41	28	3	31	32	5	37
Government									
1st year	11	5	16	16	3	19	21	13	34
Subsequent years	42	11	53	49	16	65	39	19	58
Totals	53	16	69	65	19	84	60	32	92
Industrial Relations									
1st year	6	2	8	4	3	7	5	1	6
Subsequent years	10	8	18	12	6	18	11	9	20
Totals	16	10	26	16	9	25	16	10	26
International History									
1st year	10	4	14	8	2	10	6	4	10
Subsequent years	18	11	29	18	11	29	18	7	25
Totals	28	15	43	26	13	39	24	11	35
International Relations									
1st year	7	6	13	16	11	27	21	9	30
Subsequent years	32	13	45	22	12	34	30	18	48
Totals	39	19	58	38	23	61	51	27	78
Languages									
1st year	-	-	-	-	-	-	-	-	-
Subsequent years	-	1	1	-	-	-	-	-	-
Totals	-	1	1	-	-	-	-	-	-
Law									
1st year	10	5	15	9	3	12	10	3	13
Subsequent years	16	7	23	20	8	28	18	5	23
Totals	26	12	38	29	11	40	28	8	36

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Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Operational Research									
1st year	2	2	4	2	-	2	2	1	3
Subsequent years	6	2	8	7	4	11	4	2	6
Totals	8	4	12	9	4	13	6	3	9
Philosophy									
1st year	2	2	4	3	1	4	2	1	3
Subsequent years	7	3	10	6	4	10	7	3	10
Totals	9	5	14	9	5	14	9	4	13
Regional Planning									
1st year	1	3	4	8	-	8	7	2	9
Subsequent years	11	5	16	7	6	13	10	5	15
Totals	12	8	20	15	6	21	17	7	24
Sea-Use									
1st year	-	-	-	1	1	2	-	1	1
Subsequent years	-	-	-	-	-	-	-	1	1
Totals	-	-	-	1	1	2	-	2	2
Social Administration									
1st year	5	8	13	24	6	30	5	4	9
Subsequent years	14	22	36	10	24	34	31	24	55
Totals	19	30	49	34	30	64	36	28	64
Social Psychology									
1st year	2	5	7	-	2	2	2	2	4
Subsequent years	8	6	14	5	10	15	4	11	15
Totals	10	11	21	5	12	17	6	13	19
Sociology									
1st year	5	10	15	11	12	23	9	5	14
Subsequent years	26	18	44	14	21	35	18	24	42
Totals	31	28	59	25	33	58	27	29	56

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Analysis of Regular and Other Students, 1983-86 — *continued*

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Statistics									
1st year	2	1	3	4	-	4	4	1	5
Subsequent years	5	3	8	6	2	8	6	2	8
Totals	7	4	11	10	2	12	10	3	13
Systems Analysis									
1st year	4	1	5	6	-	6	2	-	2
Subsequent years	10	3	13	13	6	19	15	5	20
Totals	14	4	18	19	6	25	17	5	22
TOTAL: Ph.D./M.Phil. STUDENTS	398	217	615	428	219	647	435	222	657

TAUGHT MASTERS STUDENTS

(Area Studies students included in the course most appropriate to their major subject)

Accounting and Finance									
1st year	37	8	45	35	12	47	37	11	48
Subsequent years	9	2	11	4	2	6	3	1	4
Totals	46	10	56	39	14	53	40	12	52
Analysis, Design and Management of Information Systems									
1st year	40	22	62	37	20	57	31	11	42
Subsequent years	2	2	4	2	1	3	1	1	2
Totals	42	24	66	39	21	60	32	12	44
Demography									
1st year	15	4	19	5	8	13	7	4	11
Subsequent years	-	-	-	-	-	-	-	2	2
Totals	15	4	19	5	8	13	7	6	13

Analysis of Regular and Other Students, 1983-86 — *continued*

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Economics									
1st year	63	30	93	83	26	109	74	21	95
Subsequent years	27	7	34	9	4	13	18	6	24
Totals	90	37	127	92	30	122	92	27	119
Econometrics and Mathematical Economics									
1st year	12	4	16	9	1	10	10	4	14
Subsequent years	1	-	1	4	1	5	1	1	2
Totals	13	4	17	13	2	15	11	5	16
Economic History									
1st year	10	4	14	22	9	31	18	9	27
Subsequent years	2	1	3	2	-	2	2	1	3
Totals	12	5	17	24	9	33	20	10	30
European Studies									
1st year	16	11	27	16	5	21	16	20	36
Subsequent years	1	-	1	-	-	-	-	-	-
Totals	17	11	28	16	5	21	16	20	36
Geography									
1st year	3	1	4	3	3	6	3	1	4
Subsequent years	-	-	-	-	1	1	-	1	1
Totals	3	1	4	3	4	7	3	2	5
Industrial Relations and Personnel Management									
1st year	42	28	70	32	34	66	39	46	85
Subsequent years	8	1	9	7	4	11	3	6	9
Totals	50	29	79	39	38	77	42	52	94

Analysis of Regular and Other Students, 1983-86 — *continued*

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	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
International History (M.A./M.Sc.)									
1st year	13	7	20	22	14	36	19	11	30
Subsequent years	3	-	3	2	1	3	1	3	4
Totals	16	7	23	24	15	39	20	14	34
International Relations									
1st year	35	16	51	28	10	38	26	18	44
Subsequent years	2	-	2	3	1	4	5	1	6
Totals	37	16	53	31	11	42	31	19	50
LL.M.									
1st year	99	61	160	119	66	185	106	51	157
Subsequent years	10	5	15	12	9	21	13	10	23
Totals	109	66	175	131	75	206	119	61	180
Logic and Scientific Method									
1st year	4	2	6	3	2	5	8	-	8
Subsequent years	-	-	-	-	-	-	1	-	1
Totals	4	2	6	3	2	5	9	-	9
Mathematics									
1st year	1	-	1	-	-	-	-	-	-
Subsequent years	-	-	-	-	-	-	-	-	-
Totals	1	-	1	-	-	-	-	-	-
Operational Research									
1st year	25	11	36	21	13	34	17	10	27
Subsequent years	1	-	1	1	-	1	3	-	3
Totals	26	11	37	22	13	35	20	10	30

Analysis of Regular and Other Students, 1983-86 — *continued*

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Politics 1 — History of Political Thought									
1st year	3	1	4	2	1	3	2	1	3
Subsequent years	3	1	4	-	-	-	-	1	1
Totals	6	2	8	2	1	3	2	2	4
Politics 2 — Politics and Government of the UK									
1st year	3	1	4	2	3	5	7	2	9
Subsequent years	-	1	1	1	-	1	1	-	1
Totals	3	2	5	3	3	6	8	2	10
Politics 3 — Political Sociology									
1st year	5	8	13	10	8	18	10	7	17
Subsequent years	5	-	5	2	3	5	2	-	2
Totals	10	8	18	12	11	23	12	7	19
Politics 4 — Politics and Government of Russia									
1st year	4	5	9	8	7	15	8	4	12
Subsequent years	1	1	2	-	-	-	-	-	-
Totals	5	6	11	8	7	15	8	4	12
Politics 5 — Comparative Government									
1st year	7	6	13	-	-	-	5	7	12
Subsequent years	1	2	3	-	1	1	-	-	-
Totals	8	8	16	-	1	1	5	7	12

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Analysis of Regular and Other Students, 1983-86 — continued

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	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Politics 6 — Public Administration and Public Policy									
1st year	14	5	19	11	10	21	12	6	18
Subsequent years	-	1	1	3	-	3	1	-	1
Totals	14	6	20	14	10	24	13	6	19
Politics 7 — Politics and Government of Western Europe									
1st year	10	9	19	20	3	23	11	6	17
Subsequent years	1	2	3	3	4	7	2	1	3
Totals	11	11	22	23	7	30	13	7	20
Politics 8 — Politics and Government in Africa									
1st year	2	3	5	-	-	-	-	-	-
Subsequent years	1	-	1	-	-	-	-	-	-
Totals	3	3	6	-	-	-	-	-	-
Politics 9 — Political Philosophy									
1st year	9	9	18	3	1	4	14	7	21
Subsequent years	-	-	-	-	1	1	-	-	-
Totals	9	9	18	3	2	5	14	7	21
Politics of the World Economy									
1st year	-	-	-	14	3	17	30	9	39
Subsequent years	-	-	-	-	-	-	1	-	1
Totals	-	-	-	14	3	17	31	9	40

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Regional and Urban Planning Studies									
1st year	15	5	20	13	7	20	18	6	24
Subsequent years	1	-	1	-	-	-	-	-	-
Totals	16	5	21	13	7	20	18	6	24
Sea-Use Law, Economics and Policy-Making									
1st year	9	4	13	15	5	20	21	6	27
Subsequent years	-	1	1	1	-	1	2	-	2
Totals	9	5	14	16	5	21	23	6	29
Social Administration and Social Work Studies:									
1. Social Policy and Planning									
1st year	12	13	25	8	21	29	7	18	25
Subsequent years	2	2	4	3	4	7	5	8	13
Totals	14	15	29	11	25	36	12	26	38
2. Social Work Studies									
1st year	8	13	21	13	13	26	3	22	25
Subsequent years	-	-	-	-	-	-	-	1	1
Totals	8	13	21	13	13	26	3	23	26
3. Social Policy and Social Work Studies									
1st year	9	13	22	8	17	25	7	13	20
Subsequent years	6	11	17	8	13	21	8	17	25
Totals	15	24	39	16	30	46	15	30	45

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Analysis of Regular and Other Students, 1983-86 — *continued*

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Social Anthropology									
1st year	6	10	16	10	6	16	4	6	10
Subsequent years	2	3	5	2	4	6	4	2	6
Totals	8	13	21	12	10	22	8	8	16
Social Philosophy									
1st year	4	-	4	5	-	5	5	1	6
Subsequent years	-	-	-	2	-	2	-	-	-
Totals	4	-	4	7	-	7	5	1	6
Social Planning in Developing Countries									
1st year	12	4	16	11	8	19	7	11	18
Subsequent years	-	1	1	-	-	-	-	-	-
Totals	12	5	17	11	8	19	7	11	18
Social Psychology									
1st year	8	5	13	5	9	14	6	13	19
Subsequent years	1	-	1	1	-	1	1	5	6
Totals	9	5	14	6	9	15	7	18	25
Sociology									
1st year	6	16	22	12	8	20	8	9	17
Subsequent years	3	-	3	1	2	3	1	3	4
Totals	9	16	25	13	10	23	9	12	21
Sociology and Statistics									
1st year	-	-	-	-	2	2	-	-	-
Subsequent years	-	-	-	-	-	-	-	-	-
Totals	-	-	-	-	2	2	-	-	-

Analysis of Regular and Other Students, 1983-86 — *continued*

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Statistics									
1st year	5	6	11	8	1	9	7	4	11
Subsequent years	-	-	-	1	-	1	1	1	2
Totals	5	6	11	9	1	10	8	5	13
TOTAL:									
TAUGHT MASTERS STUDENTS	659	389	1048	687	412	1099	683	447	1130
DIPLOMA STUDENTS									
a) Diplomas Awarded by the University									
International Law	-	2	2	1	2	3	2	1	3
Law	-	-	-	1	-	1	-	-	-
b) Diplomas Awarded by the School									
Accounting and Finance									
1st year	25	9	34	28	6	34	16	6	22
2nd year	-	-	-	-	1	1	2	1	3
Totals	25	9	34	28	7	35	18	7	25
Business Studies									
1st year	13	11	24	13	14	27	15	12	27
2nd year	1	-	1	-	1	1	1	1	2
Totals	14	11	25	13	15	28	16	13	29

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Criminal Justice									
1st year	-	1	1	3	1	4	3	1	4
2nd year	-	-	-	-	1	1	1	1	2
Totals	-	1	1	3	2	5	4	2	6
Econometrics									
1st year	1	-	1	2	-	2	1	2	3
2nd year	-	-	-	-	-	-	1	-	1
Totals	1	-	1	2	-	2	2	2	4
Economics									
1st year	18	12	30	21	14	35	21	8	29
2nd year	-	-	-	-	1	1	2	-	2
Totals	18	12	30	21	15	36	23	8	31
Geography									
1st year	-	1	1	1	2	3	-	-	-
2nd year	-	-	-	-	-	-	-	-	-
Totals	-	1	1	1	2	3	-	-	-
Housing									
1st year	-	-	-	-	-	-	9	10	19
2nd year	-	-	-	-	-	-	-	-	-
Totals	-	-	-	-	-	-	9	10	19
International and Comparative Politics									
1st year	16	18	34	31	14	45	14	13	27
2nd year	2	1	3	1	-	1	1	1	2
Totals	18	19	37	32	14	46	15	14	29

Analysis of Regular and Other Students, 1983-86 — continued

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Management of Information Systems									
1st year	-	-	-	2	1	3	1	-	1
2nd year	-	-	-	-	-	-	-	-	-
Totals	-	-	-	2	1	3	1	-	1
Management Sciences									
1st year	4	3	7	1	4	5	5	2	7
2nd year	-	-	-	-	-	-	-	-	-
Totals	4	3	7	1	4	5	5	2	7
Operational Research									
1st year	1	3	4	3	-	3	6	-	6
2nd year	-	-	-	-	-	-	-	-	-
Totals	1	3	4	3	-	3	6	-	6
Personnel Management									
1st year	9	12	21	-	-	-	-	-	-
2nd year	-	-	-	-	-	-	-	-	-
Totals	9	12	21	-	-	-	-	-	-
Social Planning in Developing Countries									
1st year	8	6	14	5	5	10	3	4	7
2nd year	-	-	-	-	-	-	-	-	-
Totals	8	6	14	5	5	10	3	4	7
Social Policy and Administration									
1st year	1	5	6	3	8	11	1	6	7
2nd year	-	-	-	-	-	-	-	-	-
Totals	1	5	6	3	8	11	1	6	7

Analysis of Regular and Other Students, 1983-86 — *continued*

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Social Psychology									
1st year	1	2	3	2	5	7	-	2	2
2nd year	-	-	-	1	-	1	-	-	-
Totals	1	2	3	3	5	8	-	2	2
Sociology									
1st year	-	-	-	1	-	1	1	-	1
2nd year	-	-	-	-	-	-	-	-	-
Totals	-	-	-	1	-	1	1	-	1
Statistics									
1st year	4	2	6	3	2	5	2	1	3
2nd year	-	-	-	-	-	-	-	1	1
Totals	4	2	6	3	2	5	2	2	4
TOTAL: DIPLOMA STUDENTS	104	88	192	123	82	205	108	73	181
RESEARCH FEE STUDENTS									
Accounting and Finance	4	-	4	2	1	3	1	-	1
Anthropology	1	-	1	-	-	-	2	1	3
Demography	-	-	-	1	-	1	-	1	1
Economics	16	7	23	25	9	34	18	7	25
Econometrics	1	-	1	-	-	-	-	-	-
Economic History	1	-	1	1	2	3	-	1	1
Geography	1	1	2	-	-	-	-	2	2
Government	9	1	10	4	-	4	5	1	6
Industrial Relations	1	1	2	1	2	3	4	-	4
International History	1	-	1	-	2	2	3	-	3
International Relations	4	1	5	2	2	4	9	1	10
Law	12	1	13	9	4	13	10	1	11

Analysis of Regular and Other Students, 1983-86 — *continued*

	SESSION 1983-84			SESSION 1984-85			SESSION 1985-86		
	STUDENT NUMBERS			STUDENT NUMBERS			STUDENT NUMBERS		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Operational Research	2	-	2	4	-	4	1	-	1
Philosophy	-	-	-	1	-	1	1	-	1
Regional Planning	3	-	3	1	-	1	-	-	-
Sea-Use	-	-	-	-	-	-	2	-	2
Social Administration	2	3	5	2	3	5	2	3	5
Social Planning	1	1	2	-	-	-	-	-	-
Social Psychology	-	2	2	-	-	-	1	-	1
Sociology	-	-	-	1	-	1	1	3	4
Statistics	1	-	1	2	3	5	3	-	3
Systems Analysis	2	-	2	-	2	2	2	-	2
TOTAL: RESEARCH FEE STUDENTS	62	18	80	56	30	86	65	21	86
TOTAL: ALL POSTGRADUATE STUDENTS	1223	712	1935	1294	743	2037	1291	763	2054
TOTAL: ALL UNDERGRADUATE STUDENTS	1477	921	2398	1434	976	2410	1488	1033	2521
TOTAL: ALL STUDENTS	2700	1633	4333	2728	1719	4447	2779	1796	4575

Analysis of Overseas Students by Domicile, 1983-86

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COUNTRY OF DOMICILE	1983-84			1984-85			1985-86		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
Algeria	-	5	5	-	2	2	-	3	3
Andorra	-	-	-	-	-	-	1	-	1
Angola	-	1	1	-	-	-	-	-	-
Argentina	-	1	1	2	-	2	1	2	3
Australia	2	22	24	1	22	23	2	30	32
Austria	1	3	4	1	2	3	1	4	5
Bahamas	3	-	3	1	-	1	-	-	-
Bahrain	-	1	1	-	2	2	-	2	2
Bangladesh	1	5	6	3	3	6	3	4	7
Barbados	1	-	1	2	2	4	3	1	4
Belgium	7	9	16	7	11	18	8	12	20
Belize	1	-	1	1	-	1	1	-	1
Bermuda	2	1	3	2	2	4	3	1	4
Bhutan	-	-	-	-	-	-	-	1	1
Bolivia	1	2	3	1	1	2	1	-	1
Brazil	4	19	23	2	15	17	3	27	30
Brunei	-	1	1	-	1	1	2	2	4
Burma	-	-	-	-	2	2	-	3	3
Cameroon	1	1	2	-	1	1	-	1	1
Canada	5	84	89	5	108	113	18	120	138
Chile	-	3	3	1	9	10	1	11	12
China (People's Republic)	2	3	5	2	6	8	2	10	12
Colombia	2	17	19	2	14	16	1	20	21
Costa Rica	-	1	1	-	2	2	-	1	1
Cyprus	46	9	55	43	11	54	40	8	48
Czechoslovakia	-	-	-	-	-	-	1	-	1
Denmark	3	4	7	5	3	8	5	4	9
Dominican Republic	-	1	1	-	2	2	-	-	-

Analysis of Overseas Students by Domicile, 1983-86 — continued

COUNTRY OF DOMICILE	1983-84			1984-85			1985-86		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
Dubai	-	2	2	-	5	5	-	-	-
Ecuador	-	1	1	-	1	1	1	1	2
Egypt	-	3	3	-	2	2	2	3	5
Eire	1	8	9	1	11	12	2	15	17
Ethiopia	-	3	3	-	2	2	-	2	2
Fiji	1	-	1	2	1	3	1	2	3
Finland	-	1	1	-	9	9	1	3	4
France	9	10	19	13	19	32	16	22	38
Gambia	-	-	-	1	1	2	1	1	2
Germany (West)	32	16	48	39	22	61	47	32	79
Ghana	1	5	6	2	5	7	2	6	8
Gibraltar	-	-	-	1	-	1	1	-	1
Greece	20	70	90	23	92	115	20	93	113
Grenada	-	-	-	-	1	1	-	1	1
Guatemala	-	-	-	-	1	1	-	-	-
Guyana	1	1	2	2	1	3	2	1	3
Honduras	-	-	-	-	2	2	1	1	2
Hong Kong	98	51	149	86	36	122	95	35	130
Hungary	-	1	1	-	1	1	-	1	1
Iceland	-	-	-	-	2	2	-	7	7
India	16	22	38	21	21	42	21	22	43
Indonesia	2	3	5	2	3	5	2	4	6
Iran	3	5	8	1	6	7	-	7	7
Iraq	-	3	3	-	1	1	-	1	1
Israel	5	8	13	4	12	16	7	20	27
Italy	12	37	49	16	49	65	20	46	66
Jamaica	-	-	-	-	2	2	-	1	1
Japan	9	33	42	9	47	56	8	48	56
Jordan	2	1	3	2	-	2	3	3	6
Kenya	10	11	21	25	10	35	29	6	35
Korea (Sth)	1	11	12	2	14	16	1	15	16
Korea (Nth)	1	-	1	1	-	1	1	-	1
Kuwait	4	-	4	2	1	3	3	3	6
Lebanon	4	3	7	3	2	5	1	2	3
Lesotho	-	1	1	-	2	2	1	1	2

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Analysis of Overseas Students by Domicile, 1983-86 — continued

COUNTRY OF DOMICILE	1983-84			1984-85			1985-86		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
Libya	-	3	3	-	-	-	-	-	-
Luxembourg	1	1	2	-	4	4	-	2	2
Macao	-	-	-	1	1	2	1	-	-
Malagasy Des.	-	-	-	-	1	1	-	-	-
Malawi	-	4	4	-	4	4	-	5	5
Malaysia	66	31	97	46	35	81	52	20	72
Maldivé Islands	-	-	-	-	-	-	-	1	1
Malta	1	1	2	3	1	4	3	2	5
Mauritius	12	2	14	11	3	14	10	1	11
Mexico	1	33	34	1	11	12	1	11	12
Mongolia (Out.)	-	1	1	-	-	-	-	-	-
Morocco	-	1	1	-	-	-	-	-	-
Namibia	-	1	1	-	1	1	-	1	1
Nepal	-	1	1	-	1	1	-	-	-
Netherlands	2	7	9	1	13	14	2	9	11
Netherlands Antilles	-	1	1	-	-	-	-	-	-
New Zealand	-	4	4	-	7	7	-	6	6
Nigeria	17	42	59	14	33	47	17	26	43
Norway	3	1	4	6	7	13	10	12	22
Pakistan	6	11	17	8	6	14	11	5	16
Papua New Guinea	-	1	1	-	1	1	-	1	1
Peru	1	4	5	-	7	7	-	4	4
Philippines	4	5	9	4	4	8	1	5	6
Poland	-	4	4	1	3	4	3	4	7
Portugal	9	4	13	5	5	10	3	2	5
Puerto Rico	-	-	-	-	1	1	-	-	-
Qatar	-	-	-	-	1	1	-	1	1
St. Kitts Nevis	-	-	-	-	-	-	-	1	1
St. Lucia	-	1	1	-	1	1	-	-	-
Samoa (Western)	-	-	-	1	1	2	-	-	-
Saudi Arabia	-	1	1	-	1	1	1	2	3
Senegal	-	-	-	-	-	-	1	1	1
Seychelles	-	-	-	1	-	1	1	-	-
Sierra Leone	1	2	3	1	2	3	1	-	1
Singapore	27	25	52	31	17	48	32	15	47
Somali Dem. Republic	-	3	3	-	-	-	-	1	1

Analysis of Overseas Students by Domicile, 1983-86 — continued

COUNTRY OF DOMICILE	1983-84			1984-85			1985-86		
	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total	Under-graduate	Graduate	Total
South Africa	2	9	11	1	8	9	2	12	14
Spain	10	23	33	12	21	33	8	27	35
Sri Lanka	6	4	10	4	4	8	5	5	10
Sudan	-	6	6	1	2	3	1	3	4
Surinam	1	1	2	1	-	1	1	-	1
Swaziland	-	1	1	-	-	-	-	-	-
Sweden	6	2	8	7	3	10	9	1	10
Switzerland	13	9	22	9	11	20	13	9	22
Taiwan	1	5	6	-	6	6	-	9	9
Tanzania	-	6	6	-	5	5	1	3	4
Thailand	8	12	20	8	9	17	6	6	12
Trinidad and Tobago	3	1	4	7	4	11	9	2	11
Turkey	2	6	8	2	6	8	2	4	6
Uganda	-	3	3	-	1	1	-	2	2
United Arab Emirates	3	-	3	2	-	2	3	-	3
Uruguay	-	2	2	-	2	2	-	3	3
U.S.A.	314	239	553	336	247	583	370	273	643
U.S.S.R.	1	3	4	1	1	2	1	3	4
Venezuela	-	10	10	-	2	2	-	4	4
Virgin Islands	-	1	1	-	-	-	-	-	-
Yemen	1	-	1	1	-	1	1	-	1
Yugoslavia	1	1	2	-	2	2	-	2	2
Zambia	1	5	6	2	4	6	2	3	5
Zimbabwe	2	5	7	-	8	8	-	3	3
GRAND TOTAL	840	1052	1892	867	1122	1989	969	1184	2153

Rules of the British Library of Political and Economic Science

- I (1) The Library is open for the purpose of study and research to:
- (a) Governors of the London School of Economics and Political Science (hereinafter referred to as the School)
 - (b) Honorary Fellows of the School
 - (c) Members of the staff of the School
 - (d) Regular students of the School
 - (e) Members of the London School of Economics Society and subscribing members of overseas groups of Friends of LSE
 - (f) Members of the academic staffs of the Schools and Institutions of the University of London
 - (g) Students enrolled for courses of study in the Schools and Institutions of the University of London (on such basis as is from time to time agreed)
 - (h) Fellows of the Royal Statistical Society, Members of the Royal Economic Society and of the British Institute of International and Comparative Law
 - (i) Members of the academic staffs of other universities
 - (j) Persons engaged in research which cannot be readily pursued elsewhere
 - (k) Students of other universities and polytechnics (in School vacations only)
 - (l) Members of profit-making educational, commercial and industrial organisations at the Librarian's discretion and on a fee-paying basis
 - (m) Such other persons as may, on application to the Librarian or his representatives, be granted an official authority to use the Library.
- (2) (a) All users must possess a current Library card or permit and show it on request. Admission may be refused to anyone who does not do so. Such authorisations to use the Library are not transferable.
- (b) Applicants for a Library card or permit may be required to provide evidence of status. For the user categories specified in (i), (j), (k) and (l) of Paragraph (1) of this Section, applicants should submit a letter of recommendation from a member of staff of the School or from some other suitable person.
- (c) The Library Panel will, from time to time, prescribe fees to be charged to certain categories of permit holders.
- (d) If it appears that their presence in the Library will impair use of the Library by members of the School, users specified in categories (e) to (l) inclusive in Paragraph (1) of this Section may at certain hours, at any time, be refused access to the Library or parts of the Library at the discretion of the Librarian in consultation with the Library Committee.
- (e) Users may not bring cases, large bags, overcoats, hats, umbrellas or similar impedimenta into the Library. All such articles can be deposited in the cloakrooms of the School but no responsibility is accepted for their safe custody.

Hours of opening

- II (1) Hours of opening shall be determined from time to time by the Librarian in consultation with the Library Committee, and approved by the Library Panel.

- (2) All users must prepare to leave the Library ten minutes before closing time and to be out of the building by closing time.
- (3) The Library will be closed:
- (a) On School holidays
 - (b) For up to one week during the summer vacation for the purpose of stock checking
 - (c) On such other occasions as the Director of the School or the Librarian may direct.

Loan facilities and terms of borrowing

III Subject to the terms set out in this Section, the following persons may borrow from the Library:

- (1) (a) Those stipulated in categories (a), (b), (c) and (d) of Section I, Paragraph (1).
- (b) Such other persons who, on application to the Librarian, may in exceptional circumstances receive official authorisation to borrow.

Books

- (a) Books listed in the Library's catalogues are normally available for borrowing with the following exceptions:
- (i) those in the reference collections
 - (ii) those in the special collections
 - (iii) those designated as 'Not for loan'.
- Some of these may, in special circumstances, be borrowed by arrangement with the Librarian or an authorised representative.
- (b) Books may be borrowed from the Teaching Collection subject to the terms set out in sub-paragraph (4) of this paragraph of these Rules.
- (c) Loans may be renewed if the book is not required by the Library for another user.
- (d) (i) Governors, Honorary Fellows, Academic and Academic-related staff of the School may borrow up to 20 volumes of books or serials at any one time.
- (ii) Teaching assistants, secretarial, technical, clerical and related staff of the School may borrow up to six volumes of books at any one time.
- (iii) Research students of the School may borrow up to six volumes of books at any one time.
- (iv) Undergraduate and postgraduate course work students of the School may borrow up to six volumes of books over a weekend period.

(2) Serials

- (a) Serials may normally be borrowed only by members of the academic and academic-related staff.
- (b) Serials housed in the Periodicals Display area may not be borrowed.
- (c) Certain serials and categories of serials, as determined from time to time by the Librarian in consultation with the Library Committee, may not be available for loan.

(3) Nonbook materials

- (a) Nonbook materials — e.g. microforms, videoforms, audio discs and tapes, computer discs and tapes — are not normally available for loan but some categories as determined from time to time may be borrowed.

- (4) **Teaching Collection**
- (a) Books, serials and offprints are available in the Teaching Collection to support courses taught within the School. They may not be removed from the Collection unless issued on loan by a member of the Library staff at the designated issue desk.
 - (b) Books, serials and offprints housed in the Teaching Collection are subject to special loan conditions and periods as determined from time to time by the Librarian in consultation with the Library Committee.
 - (c) Borrowing from the Teaching Collection is normally restricted to registered students of the School and to members of its academic staff.
- (5) All loans shall be authorised by a member of the Library staff at the designated issue desk. Borrowers shall present a current Library card on each occasion of borrowing.
 - (6) Loan periods applicable to particular categories of material or categories of borrower shall be determined from time to time by the Librarian in consultation with the Library Committee.
 - (7) Books or serials on loan to any one person may not be transferred to another. The person in whose name the loan is made is solely responsible for the safekeeping and due return of the volumes loaned.
 - (8)
 - (a) Books or serials on loan may be recalled at any time if required by the Library for the use of another reader or for placing in the Teaching Collection, and the borrower must return the book within seven days of the recall notice.
 - (b) Failure to return a recalled book within the specified time may result in the imposition of a fine as provided by Paragraph (10) of this Section.
 - (9)
 - (a)
 - (i) All books and serials borrowed must be returned within the stipulated loan period.
 - (ii) Failure to do so may result in the imposition of a fine as provided by Paragraph (10) of this Section.
 - (b) Where the last day for the return of a book or serial falls during vacation the Librarian or an authorised representative may, in the Librarian's discretion, decide to extend the stipulated loan period by such a period as shall appear reasonable in the circumstances.
 - (10)
 - (a) Fines shall be charged at rates determined from time to time by the Librarian, in consultation with the Library Committee, and approved by the Library Panel.
 - (b) The late return of a book or serial or failure to pay a fine imposed for late return may result in the suspension of borrowing privileges.
 - (11) Where an item is lost, returned damaged or not returned after a reasonable period of time, the borrower will be charged for the item at replacement cost. An item charged for as above remains the property of the Library.

Use of material within the Library

- IV
- (1) Library materials on open access shelves may be removed for use within the Library without reference to Library staff. After use they should be replaced in their correct position or left on the re-shelving stacks.
 - (2) Library materials not on open access may be read following application to the Library staff member on duty at the appropriate service point.
 - (3) Special rules apply to the use of rare books, manuscripts and other materials housed in the Manuscripts and Rare Books Reading Room or administered by its staff. These rules are on display in the Manuscripts and Rare Books Reading Room.

- (4) Readers are permitted to bring their own books and papers into the Library but no responsibility is accepted for their safety.
- (5) No book or other property of the Library may be taken from the building at any time without authority.
- (6) Readers allocated a study room or carrel, may keep in it Library materials formally on loan to them, and recorded as such at the designated issue desk. Other Library materials left in a study room or carrel may be removed by Library staff without prior notice.

Use of Photocopying Machines within the Library

- V
- (1) No copying machine is to be used in any way that infringes the Copyright Act 1956.
 - (2) No person may copy the whole or a substantial part of any copyright work unless with the consent of the holder of the copyright or with some other lawful excuse.
 - (3) Photocopies of parts of books, articles, stories or other copyright works may be made only for the personal use of the person making or procuring the making of the copy and only for the purposes of research or private study.
 - (4) In no circumstances may more than one copy of a part or parts of a copyright work be made.

Conduct within the Library

- VI
- (1) Noise, disturbance or unseemly behaviour is forbidden in any part of the Library.
 - (2) Eating and drinking is forbidden anywhere in the public areas of the Library.
 - (3) Smoking is permitted only in areas of the Library where there is a notice to that effect.
 - (4) Quiet conversation is permitted in the Old Entrance Hall, foyer and catalogue areas.
 - (5) No talking is permitted in the reading areas or in the book-stacks adjacent to them.
 - (6) Reading areas designated for use in conjunction with specific collections, such as the reference collection, the statistics collection or the Law Reports, must generally be used for the purpose of consulting works from those collections.
 - (7) Readers may not alter the arrangement of furniture, fittings or equipment or misuse them in any way.
 - (8) Litter is not to be left on floors or tables but is to be placed in the bins provided.
 - (9) No broad sheets, hand bills, newspapers or any material other than official notices from the Library may be distributed within the Library.
 - (10) Readers may not reserve reading places. Books may be removed from a reader place vacated for more than 15 minutes and the place allocated to another reader.
 - (11) Personal books and papers should not be left at reader places overnight.
 - (12) Readers may not enter staff areas unless by invitation or when accompanied by a member of the Library staff.
 - (13) Readers must, on leaving the Library, present for inspection by Library staff all books, newspapers and folders they are carrying and any bag large enough to contain a book.
 - (14) Any damage or defacement of Library materials, by marking, erasure or mutilation is strictly forbidden. Readers must report any instances of such defacement noted.

Enforcement

- VII** (1) Failure to observe any of the foregoing provisions may, in the first instance, be dealt with by the Librarian or an authorised representative, who may take such action or apply such penalty as shall seem fit.
- (2) Any user who is aggrieved by a decision of the Librarian may appeal to the Chairman of the Library Committee. The Chairman will nominate two members of the Committee to form with him a panel to review the case. In the case of an appeal by a student of the School one of the members of the panel shall be a student member of the Committee.
- VIII** These Rules shall apply to members of the Court of Governors of the School, other than those members who are also students enrolled for courses of study at the School, as if the members are members of the academic staff of the School.

University Library

Any member of the University, staff or student, may apply to use the University Library (entrance on the fourth floor of the Senate House). An internal student may register to read in the Library and borrow books, by completing an application form (obtainable at the University Library) and producing their bar-coded library card. Short instructional tours of the Library are arranged for new members, particularly during the first few weeks of the session.

The University Library is a large general library of over one million volumes the main strengths being in the Humanities and Social Sciences; many of the books are loanable. Some 600 reader places are provided, in general reading rooms where there are collections of reference works and bibliographies, and in a range of subject libraries for English, History, geography and geology, British Government publications, paleography, philosophy, psychology, romance studies, United States and Latin American studies, and music. Some 5,400 periodicals are received currently; the Periodicals Room provides a wide selection on display. The Goldsmith's Library houses the collection of early economic literature presented to the University Library by the Goldsmiths' Company in 1903. It has been added to throughout the years and now consists of about 60,000 volumes, mainly works published before 1850.

Self-service photocopiers and a microfilm reader-printer are provided in the Library, and the Photographic Section will also supply photocopies in addition to microfilms, slides, enlargements, etc.

Hours of Opening**Term and Easter Vacation**

Monday to Thursday: 9.30 a.m. to 9 p.m.

(book-stack service 10 a.m. to 6.30 p.m.)

Friday: 9.30 a.m. to 6.30 p.m.

(book-stack service: 10 a.m. to 6 p.m.)

Saturday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 12 noon, 2.30 p.m. to 4.30 p.m.)

Christmas and Summer Vacations

Monday to Friday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 5 p.m.)

Saturday: 9.30 a.m. to 5.30 p.m.

(book-stack service: 10 a.m. to 12 noon, 2.30 p.m. to 4.30 p.m.)

The Economists' Bookshop

The Economists' Bookshop, owned jointly by the School and The Economist Newspaper, was established in 1947 to provide a service to the staff, students and Library of the School and, through its mail order trade, to universities and institutions worldwide. The Bookshop's Board of Directors is composed equally of representatives of the School and of The Economist Newspaper. From small beginnings it has grown into a considerable bookselling enterprise, which numbers among its customers nearly all the universities in Great Britain as well as many universities and institutional bodies overseas. In addition to the main premises in Clare Market, with over 16,000 titles held regularly in stock including many pamphlets and a wide range of paperbacks, there is a second-hand shop next door which sells both second-hand books and remainders, operates an out-of-print search service and buys textbooks from students. The Bookshop also operates a mail order centre from premises in Camden Town which supplies universities and institutional customers in the U.K. and some 80 countries overseas. The Company has now expanded its business with the acquisition of the Barbican Business Book Centre at 9 Moorfields, London EC2, and in 1984 with a small shop at the City University.

Academic Publications of the School

From the School's foundation in October 1895, one of its objects has been to assist in the publication of research undertaken at or in connection with the School. Over the years there has been a steady and distinguished flow of papers, books and journals, some issued directly from the School and some issued for the School by selected British and American publishers.

Journals

Two journals are edited and published from the School: *Economica* (founded in 1921), and *Population Studies* (1947). The *British Journal of Industrial Relations* (1963) and the *British Journal of Sociology* (1956) are edited in the School and are published for the School by Blackwells Publishing and Routledge and Kegan Paul respectively. The *Journal of Transport Economics and Policy* (1967) is published jointly with the University of Bath. *Government and Opposition* and *Millennium* (Journal of International Studies) are edited from and assisted by the School, and are published independently.

Books, Pamphlets and Occasional Papers

Most of the learned publications issued from the School are handled by the Publications Committee. Certain series originate from departments or research groups. Experience shows that no one publisher is willing to handle the whole of the Committee's output, which has been increasing both in quantity and in the range of subjects covered. Thus the Committee's policy is to maintain connections with several academic publishers on a non-exclusive basis.

Books sponsored or initiated by the Publications Committee will normally be produced with a joint imprint of the School and the selected publisher. Any present or former member of the School's staff, or any present or former student, may submit manuscripts or ideas for books to the Publications Committee. Manuscripts may be on any subject within the range of the School's teaching and research activities. They are judged on their merits and not all those submitted are accepted for publication. Authors may sign a separate contract with the publisher, and can then expect a scale of remuneration that should compare with what they might get elsewhere. Occasionally however the School finances the publication of books, published on commission through an appropriate publisher. Such books are often commercially difficult, and it may not always be possible to give authors full commercial rates of royalty.

Anyone interested should get in touch with a member of the Publications Committee, or with the Publications Officer of the School.

In addition to many individual books the following series are issued for or by the School and its departments. In brackets are given the publishers and, where appropriate, the editors at the School.

Monographs on Social Anthropology (Athlone Press, Editor, Professor M. E. F. Bloch)
Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

Greater London Papers (Greater London Group, L.S.E.)

Occasional Papers on Social Administration (Bedford Square Press, Editor, Dr. Jane E. Lewis)

Discussion Papers, International Centre for Economics and Related Disciplines (I.C.E.R.D., L.S.E.)

Centre for Labour Economics Discussion Papers (Centre for Labour Economics, L.S.E.)

Geographical Papers (Geography Department, L.S.E.)

L.S.E. Handbooks in Economic Analysis (Weidenfeld and Nicholson, Editor, Mr. J. J. Thomas, L.S.E.)

Inaugural Lectures (L.S.E.)

Student Health Service

The Student Health Service aims to provide confidential medical care for all students of the School. The Health Service provides facilities for general medical, psychiatric, gynaecological, ophthalmic and first aid treatment.

Four psychotherapists, three of whom are part-time, are available to give advice, psychotherapy and counselling for emotional problems, whether of a personal nature or related to work difficulties.

The Service has a full-time general practitioner, with whom it is possible for students to register, but who nevertheless will see any student on an emergency basis or to give advice, whether they are registered or not. Enquiries about the possibility of registration should be made through the Health Service receptionist.

A gynaecologist attends twice weekly in term time to provide contraceptive advice and counselling and advice on gynaecological problems. An ophthalmic surgeon attends weekly in term time for sight testing. Appointments to see any of the doctors mentioned above should be made with the Health Service receptionist.

The Nursing Sister is available full-time in term time, and for part of the vacations, to advise on medical problems and to provide a first aid and immunisation service. She is also available to give counselling for emotional difficulties.

There is, in addition, a full-time dental service and dental care available under the National Health Service and according to its rates. Appointments may be made with the dental surgeon or through the Health Service receptionist.

A nursery for children between the ages of 6 months and 5 is provided by the Student Health Service. There are places for 9 babies of students and staff between 6 months and 2 years and 15 children of students and staff between 2 and 5 years old. This nursery is open for 46 weeks of the year including all term time and further details are available on application to the Matron.

STAFF

J. A. Payne, M.B., B.S., D.OBST., R.C.O.G. (LONDON): *Senior Health Service Officer and Psychiatric Adviser*

Stephen J. Nickless, M.B.B.S., M.R.C.G.P., D.A., D.R.C.O.G., D.T.M.&H.: *Health Service Officer (Physician)*

Camilla Bosanquet, B.A., M.B., B.CHIR. (CAMBRIDGE), M.R.C.S. (ENG.), L.R.C.P. (LONDON), D.C.H. (ENG.), D.P.M., F.R.C. Psych.: *Psychiatric Adviser (Part-time)*

Janet Richards, B.A., D.C.P. (TAVISTOCK): *Principal Clinical Psychologist/ Psychotherapist (Part-time)*

Valerie Little, B.SC.PHYSIOL. (LONDON), M.B., B.S. (LONDON), M.R.C.S. (ENG.), L.R.C.P. (LONDON): *Gynaecological Advisor (Part-time)*

Jean White, M.A. (CANTAB.): *Psychotherapist (Part-time)*

R. A. Bates, M.B., B.S., D.O., F.R.C.S.: *Ophthalmic Surgeon (Part-time)*

R. M. Dawson, B.D.S. (NEWCASTLE): *Dental Surgeon*

E. Rosemary Malbon, S.R.N., S.C.M., R.S.C.N., CERTIFICATE IN STUDENT COUNSELLING:
Sister-in-Charge/Counsellor

Judith V. McGowan: *Receptionist/Relief Nurse*

Catherine M. Teakle, N.N.E.B.: *Nursery Matron*

Renee Tilla, N.N.E.B.: *Nursery Officer*

Careers Advisory Service

The Careers Service at L.S.E. which is part of the University of London Careers Advisory Service (U.L.C.A.S.), provides a comprehensive careers guidance and employment service for students seeking information on all areas of graduate employment in the U.K. The Service maintains an extensive careers information and reference library with staff to help students in their job search. Those who want to discuss their approach to the future, or those who are uncertain about what they could do, can talk to one of the Careers Advisers who are available for appointments throughout the year.

It is very important for students to make realistic assessments of their own capabilities, to use their imagination and initiative when establishing vocational targets and to research the background to organisations in preparation for applications and interviews.

The Service arranges careers seminars and talks usually in the Michaelmas Term, covering a wide range of topics and organises Graduate Recruitment Programmes in the Lent Term each year when many of the larger employers visit U.L.C.A.S. and the L.S.E. Careers Service, to conduct preliminary interviews with student applicants.

The possession of a degree, irrespective of subject, is only the first criterion that interests the majority of employers, although expert or specialist posts clearly demand an appropriate training.

Graduates of L.S.E. gain employment across a wide range of occupations requiring people who are well educated, broadly informed and mature in outlook. Employers recruit graduates who have developed personal as well as academic skills in extra-mural as well as academic activities. They look for people who can adapt to new environments, make decisions, exercise judgement and remain flexible in outlook. The importance of basic numeracy, the ability to present information in meetings and in written reports, a working familiarity with computers, and the ability to work in collaboration with others, in groups, cannot be over-emphasized.

The choice of career is wide, and L.S.E. graduates find employment in industrial and commercial management, enter the teaching profession, go on to undertake academic research, find expert posts as economists, lawyers, statisticians, join central and local government, or enter journalism. It would be misleading to catalogue areas of employment any further because L.S.E. graduates are found in every kind of profession and organisation.

Possession of a university degree can shorten a period of professional training considerably. Possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations. Those who have taken Accounting and Finance as their special subject in the B.Sc. (Econ.) are given exemption from the Institute of Chartered Accountants' Foundation examination. To become a specialist economist or statistician it is usually necessary to take a Master's degree. The Bachelor's degrees in Sociology and the B.Sc. in Social Science and Administration provide basic qualifications for training in social work.

With regard to the choice of specialist or optional subjects, there is one golden rule to be followed: the subjects that students choose should be those they like and are good at. The syllabuses provided at the School are generally wide and comparatively flexible and, for this reason, students who are not firmly committed to a specific course for professional reasons ought not to allow their choice of courses to be dominated by thoughts of future careers.

Those who are in doubt about which avenue to follow should consult their tutor and a careers adviser. Students may use the Careers Service any time during their courses and also after graduation.

The Chaplaincy

The Chaplaincy is ecumenical and aims to promote the Christian and Jewish faiths within the School by giving support and encouragement to its Christian and Jewish communities and expressing its service of the whole School community in pastoral care and spiritual direction.

The School has a full-time Anglican Chaplain, The Reverend Stephen Williams and a full-time Pastoral Assistant Mr. Ralph Williamson. The Reverend Wesley Workman and Father David Barnes represent the Free Church and Roman Catholic University Chaplaincies. Father Alexander Fostiropoulos and Rabbi David Miller represent the Orthodox Church and Orthodox Jewish Community. The Chaplaincy has its office in K51 and the Chaplains are available to all members of the School staff and student bodies. There is an ever increasing number of people who wish simply to talk about their own particular lives or be prepared for baptism or confirmation.

The School, not really viewed by popular opinion to be a haven of piety, is in fact producing a growing number of men and women who wish to offer themselves for training for the ministry or entry into a religious order. We already have several ordained members of staff and licenced Church workers who also take their place within the extending work of the Chaplaincy. The Chaplains work in concert with the various Religious Societies within the Students' Union and offer a weekly framework of worship and sacramental life.

The Chaplains also coordinate the arrangements for occasions when the whole School wishes to mark some special event for instance the annual Carol Service in the Shaw Library or a memorial service to honour a member of our School who has died. They also work together on regular ecumenical services throughout the year.

The work of the Chaplaincy continues to grow on both individual and group levels.

As has been said, all the Chaplains are here to be used and to provide any help they can. They can be contacted at K51, L.S.E. extension 2893 or at the following:

The Reverend Stephen Williams (Anglican) 12 Woburn Square, WC1	637 1975
The Reverend Wesley Workman (Free Church) 333 Essex Road, N1	226 3737
Father David Barnes (Roman Catholic) 111 Gower Street, WC1	387 6370
Father Alexander Fostiropoulos (Orthodox) 17 Priory Street, Lewes, East Sussex	0273 478703
Mr. Ralph Williamson (Pastoral Assistant) 12 Woburn Square, WC1	631 3255
Rabbi David Miller Hillel House, 1 Endsleigh Street WC1	388 0801

Students' Union and Athletic Union

Students' Union

The objects of the Students' Union are to promote welfare, the interests and corporate life of the students of the School and their common interests with the general student community as such, in all matters except those relating to athletics which are the responsibility of the Athletic Union.

The Union General Meeting, held every Thursday lunch time in the Old Theatre, is the central decision-making organ of the Union. There are three student sabbatical officers (General Secretary, Senior Treasurer and Social and Services Secretary) who, via the Executive Committee, are responsible to the Union General Meeting. The Executive Committee of the Students' Union (10 members) is charged with carrying out decisions made by the Union General Meeting and each member has responsibility for a different aspect of Union affairs, for example, services, Academic affairs, External affairs, welfare, and so on. There are also more than seventy societies which cover a wide range of interests. Full details of Union meetings and elections and of the Committees and Societies are obtainable from the Students' Union Reception Office and are also widely advertised in the School.

The Union runs a coffee bar, a bar and a shop. Its main focus for administration is its offices on the second floor of the East Building.

The Union employs a number of permanent staff. There is a Welfare Officer and an Accommodation Officer. The Welfare Officer works both as an advisor e.g. on welfare rights, immigration and visa concerns, and as a counsellor on personal problems. The Accommodation Officer administers an accommodation service and deals with general welfare enquiries.

The Union also provides a number of useful services in the fields of student and social welfare, entertainment and cultural and extra-mural education. Amongst these are the socials, discos and concerts organised by the Entertainments Committee and Societies. There is a free legal advice centre run by the Law Society every Monday and Thursday lunch time during term in Room E.295. N.U.S. cards, student rail cards and general information can be obtained from the Union Information Centre, Room E.297.

There is a nursery at the School with places for children between the ages of 6 months and five. Information on nursery places can be obtained from the Welfare Officer, Room E.295. Each half-term the Union pays for a qualified teacher/youth worker to run a holiday play group for school age children within the School. Enquiries about this to the Welfare Office, Room E.295.

Since a large number of students at the L.S.E. come from overseas, the Union has a special sub-committee relating to the general welfare of overseas students. Each term the Union administers a hardship fund to help British and overseas self-financing students. Applications for assistance are treated in strictest confidence and should be made to the Welfare Officer of the Union. In addition the Welfare Officer will advise students of funds available within the L.S.E. or outside. Other special Funds are available through the Welfare Office, for students with financial hardship who wish to continue or terminate their (or their partners) pregnancy, and for disabled students who incur additional expenses due to their disability. The Welfare Office also links up reading volunteers with visually handicapped students and welcomes such offers and enquiries. A free photocopying service is available to disabled students.

The Students' Union is a member of the National Union of Students and sends delegates to the biannual conference of the N.U.S. Students at the School are also members of the University of London union and are entitled to use all its premises and its services and to participate in its activities.

Through its Publications Committee the Union publishes a *Handbook for Students*, given free to all students and also a newspaper *Beaver* which is published fortnightly

during term time. The editorial boards of these publications, are open to all students. Representatives of the Union sit on various School Committees to represent the views of the students to the School.

Athletics Union

Athletics are the responsibility of the Athletic Union which has the status of a Society within the Students' Union and is a member of the University Athletic Union and Women's Intersarsity Athletics Board. All students are eligible to join the Athletic Union. The subscription charged for membership of each club is £1. A.U. membership is free.

The following clubs are affiliated to the Athletic Union:

Association Football, Athletics, Badminton, Basketball, Cricket, Croquet, Cross-Country, Golf, Hockey, Judo, Karate, Mountaineering, Netball, Parachuting, Riding, Rowing, Rugby Football, Sailing, Skiing, Snooker, Squash, Table Tennis, Tennis, Yoga.

Details about club activities may be obtained from the Athletic Union Office (E.65).

There are two extensive sports grounds totalling some thirty-five acres at New Malden, to which there are frequent trains from Waterloo. There are pitches for Association and Rugby football, hockey and cricket, lawn tennis courts, and running tracks. The pavilions are well appointed and include refectories and bars, a games room and very well equipped dressing room accommodation. Facilities at the School itself include a circuit room which contains a modern poly-gym multi-station weight training unit and a gymnasium suitable for basketball, table tennis, five-a-side football etc.

The Rowing Club rows from the University Boat House, Chiswick; the Squash Club uses the School court; the Table Tennis and Judo Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath and in Richmond Park; the Sailing Club operates at the Welsh Harp, Hendon. The Mountaineering Club meets in England and on the Continent.

There is an annual open day at New Malden, held in June.

Staff and Officers of the Students' Union and Athletic Union

STUDENT OFFICERS

General Secretary of Students' Union—Peter Wilcock
Senior Treasurer of Students' Union—Rory O'Driscoll
Social and Services Secretary of Students' Union—Babs Band

EXECUTIVE OFFICERS

Academic Affairs—Kate Turner
Overseas Students—Ingrid Durgadeen
Women—Cathy Bruce
Societies—Chas Begley
Press and Publicity—Lisa Britton
N.U.S.—Ron Beadle
Welfare—Martin Flatters and Laura Matthews
Post Graduates—J. Hawkins
Equal Opportunities—Diedra MacGinley

ATHLETIC UNION OFFICERS

President—Edric Selous
External Vice-President—Paddy Regan
Internal Vice-President—Gail Wasson
Treasurer—Phillip Barleggs
General Secretary—Shaun Wyles
Assistant General Secretary—Gain Pottinger

OFFICE STAFF

Admin. Secretary—Zoë Kavadas
 Administrative Officer—To be appointed
 Information Secretary—Ann Boswell
 Finance Officer—Sam Kung
 Assistant Finance Officer—Bob Page
 Welfare Officer—Felicity Criddle
 Assistant Welfare Officer—Judith Paterson
 Accommodation Officer—Phil Wood

TRADING STAFF

Bar Manager—Simon Woolings
 Assistant Bar Manager—Peter Weatherhead
 Shop Manager—Kate Slay
 Assistant Shop Manager—Jean Stevens
 Shop Assistant—Arnold Harriss
 Coffee Bar Manager—To be appointed
 Assistant Coffee Bar Manager—To be appointed
 Coffee Bar Assistant—To be appointed

Residential Accommodation

The School has three Halls of Residence and two blocks of self-catering flats, together with 18 furnished flats for married postgraduate students. In addition there is a number of University of London halls of residence open to all schools and colleges including the L.S.E. The Accommodation Office of the University of London helps students to find lodgings and flats in the private sector.

Detailed information about accommodation is sent as part of the process of admitting students to the School. Applications for places in the School's Halls of Residence and flats should be made to the Assistant Registrar (Admissions) at the School, if possible by 30 April for the following October.

School Halls of Residence and Flats**Carr-Saunders Hall and Fitzroy and Maple Street Flats**

Fitzroy Street, W1P 5AE.

(Warden: E. A. Kuska, B.A., PH.D.)

(Academic Residents (Flats): L. A. Roberts, M.Sc. and P. M. Urbach, B.Sc., PH.D.)

Telephone: (Hall) 580-6338 (Fitzroy St Flats) 636-2139; (Maple St Flats) 580-0126
 Carr-Saunders Hall accommodates 157 **men** and **women** students in 131 single and 13 double study bedrooms. In addition there are, two blocks of flats one block adjoining the Hall and the other across the road. They provide accommodation for 200 **men** and **women** students in double to quintuple furnished flats.

Passfield Hall

Endsleigh Place, WC1H 0PW

(Warden: M. Perlman, B.B.A., PH.D.)

Telephone: 387-7743

Passfield Hall accommodates 198 **men** and **women** students in single, double and triple rooms.

Rosebery Avenue Hall

Rosebery Avenue, London EC1R 4TY

(Warden: To be appointed)

Telephone: 278-3251

This hall accommodates 193 **men** and **women** students in 161 single and 16 double study bedrooms.

Anson Road and Carleton Road

London N.7

(Academic Resident: Quentin C. Maxwell-Jackson, M.A.)

Telephone: 607-2032

The School has 18 furnished flatlets at the junction of Anson and Carleton Roads which are available for letting to married full-time students of graduate status.

University Halls of Residence

Only full-time students of the University are eligible for admission. An application form and information may be obtained from any one of the halls (a stamped addressed envelope must be sent with the enquiry), and the completed form should be sent to the hall of first choice by the end of April for admission the following October. There are occasional vacancies in the course of the academic year.

Canterbury Hall

Cartwright Gardens, WC1H 9EF

Telephone: 387-5526

For 222 **women** students in 214 single and four double study-bedrooms.**College Hall**

Malet Street, WC1E 7HZ

Telephone: 580-9131

220 **women** residents are accommodated in 108 single and 56 double study-bedrooms.**Nutford House**

Brown Street, off George Street, W1H 6AH

Telephone: 262-4431

Accommodation for women graduates and undergraduates in 148 single and 23 double rooms.

William Goodenough House

(London House for Overseas Graduates)

Telephone: 278-5131

Mecklenburgh Square, WC1N 2AN

William Goodenough House accommodates 116 postgraduate **women** students from the British Commonwealth, ex-Commonwealth, the United States of America, and the E.E.C.**Commonwealth Hall**

Cartwright Gardens, WC1H 9EB

Telephone: 387-0311

For 346 **men** and 60 **women** from the United Kingdom and overseas.**Connaught Hall of Residence**

36-45 Tavistock Square, WC1H 9EX

Telephone: 387-6181

For **men**; 195 places, mainly in single rooms.**International Hall**

Brunswick Square, WC1N 1AS

Telephone: 837-0746

For 438 **men** students. Half the rooms are reserved for students from overseas. There are 10 double rooms and 418 single rooms.**London House**

Mecklenburgh Square, WC1N 2AB

Telephone: 837-8888

London House has accommodation for 315 postgraduate **men** students from the overseas countries of the Commonwealth, the United Kingdom, former member countries of the British Commonwealth and the United States of America. It is administered by London House for Overseas Graduates.**Hughes Parry Hall**

Cartwright Gardens, WC1H 9EF

Telephone: 387-1477

Hughes Parry Hall provides accommodation for 158 **men** and 120 **women** students. There are 246 single rooms and 16 double rooms.**Lillian Penson Hall**

Talbot Square, W2 1TT

(Warden: K. G. T. McDonnell, B.Sc.(Econ.), Ph.D.)

Telephone: 262-2081

Lillian Penson Hall is an intercollegiate hall of residence for full-time, registered, internal, postgraduate students of the University of London, both **men** and **women** and married couples without children.**Afsil Limited**

10 Endsleigh Gardens, London WC1 4EJ

Telephone: 388-7144

Afsil Limited, a Housing Trust formed by five London colleges including the School, provides a number of furnished flats and flatlets for graduate students. A fifth of Afsil accommodation is reserved for students of the School. In allocating the flats preference is given to students from the British Commonwealth. The accommodation includes study bedrooms, self-contained bedsits for singles and couples and one- to three-bedroomed flats for couples with children.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1986

President: Professor R. Chapman

Deputy President: Dr. A. Bohm

Hon. Life Vice-President: Mrs. K. Russell

Joint Hon. Secretaries: Mrs. M. Murdoch and Mrs. M. Najjar

Treasurer: Mr. J. B. Selier

Assistant Treasurer: Mr. P. Kapadia

Programme Officers: Mrs. B. Asherson and Miss E. Worth

Committee Members: Mr. D. Adlington, Mr. C. Coulson-Thomas, Professor J. A. G. Griffith, Mrs. M. Hardiman, Mrs. E. Morris, Miss A. Trowles

Ex officio:

The Editor, L.S.E. Magazine and Alumnus Office: John McLoughlin

The Economicals Sports Clubs' representative: Mr. B. Robinson

Representatives of the L.S.E. Society on the Court of Governors: Mrs. M. Murdoch, Mrs. M. Najjar and Mr. J. B. Selier

Membership of the London School of Economics Society is open to all former students who have been registered at the School, and to all members and former members of the staff of the School. Persons not so qualified can be admitted for membership at the discretion of the Committee. Free annual membership for two years is available to former students provided they join within one year of leaving the School.

Members of the Society are granted certain privileges as regards use of the British Library of Political and Economic Science: subject to certain restrictions, they are entitled to permits to use the Library during vacations, in the evenings and in some cases during term. The *LSE Magazine*, published twice yearly, is issued to all members free of charge, and a variety of events are arranged throughout the year including an Annual Dinner and a Social Science Day.

The life subscription is £20.00 and the annual subscription is £5.00. Application forms and information relating to the Society can be obtained from the Honorary Secretary, c/o the Alumnus Office at the School.

Overseas Alumnus Groups

In addition to the London School of Economics Society there are overseas alumnus groups in a number of countries whose object is to help former students and friends of the School to keep in touch with the School and each other and to engage in local activities, including fund-raising in support of the School's 1980s Fund appeal. Some of the groups are more formally based than others and some of them levy a local subscription. All former students resident in, or visiting, these countries are welcome to contact them.

There are 'Friends of LSE' groups in Australia, Belgium, Bolivia, Canada, Chile, Colombia, Cyprus, Finland, France, West Germany, Greece, Hong Kong, Iceland, India, Israel, Italy, Japan, Malaysia, Mauritius, Mexico, New Zealand, Nigeria, Peru, Singapore, South Africa (Johannesburg), Spain, Sri Lanka, Sweden, Switzerland (Geneva), Thailand, USA and Venezuela. Information about these and other groups which are developing elsewhere is available from the Alumnus Office at the School.

The American Friends of LSE

The American Friends of LSE have established local Chapters in Atlanta, Boston, Chicago, Colorado, Connecticut, Davis/Sacramento, Downstate Illinois, Los Angeles, New York, Ohio, Philadelphia, San Francisco, Texas and Washington D.C. New Chapters are formed wherever local interest and membership warrants. All general

enquiries should be made to The American Friends of LSE, Suite 104, 1497 Chain Bridge Road, McLean, Virginia 22101. The American Friends welcome applications for financial aid towards their fees from residents of the United States who are applying for admission to a graduate programme at LSE. Enquiries specifically concerning fee awards should be made to American Friends of LSE, Scholarship Office, Suite 400 East Lobby, 1025 Thomas Jefferson Street NW, Washington DC 20007, U.S.A. Telephone: (202) 944-3640. The deadline for applications is 1 March of the intended year of enrolment.

Membership of the American group is by life or annual subscription, with a reduced rate for new alumni. Members receive the *LSE Magazine* and may use the Library in certain circumstances.

The Canadian Friends of LSE

The Canadian Friends of LSE, c/o Dr. A. F. Earle, C.D.I.C., P.O. Box 138, 1 First Canadian Place, Toronto, Ontario M5X 1A4, Canada, have Regional Convenors in Calgary, Downsview, Edmonton, Guelph, Halifax, Kingston, Montreal, Regina, Vancouver and Winnipeg.

Membership is by annual subscription.

Members receive the *LSE Magazine* and may use the Library in certain circumstances.

Friends' Amenities Fund of the LSE Society

An Association of Friends of the London School of Economics was formed in July 1957. The principal object of the Association was to raise funds to provide for the School amenities which are important to its daily life, but which it cannot afford, either because of shortages of money or because it would not be appropriate to expend public funds on their acquisition. During its existence the Association made many gifts to the School, some valuable in themselves, such as the three Persian carpets provided for the Founders' Room and others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Later gifts included the small organ in the Founders' Room; furniture for the Common Rooms in Halls of Residence; new curtains and furniture for the platform in the Old Theatre; furniture for the Alumnus Room in the Library in the Lionel Robbins Building and a cooled drinking water fountain and seats for the courtyard there, a contribution to the refurbishing of the Vera Anstey Room and plaques identifying portraits of former Directors and eminent former teachers in the Senior Common Room. In March 1983, the Friends decided to transfer its activities to a new trust to be set up by the LSE Society and, as a parting gift, agreed to meet the cost of replacing the seating in the Founders' Room and to provide a small fund from which pictures and prints for Halls of Residence could be purchased.

The Friends Amenities Fund of the LSE Society is now continuing the aims of the old Friends. Its first gift to the School was a contribution to the cost of acquiring for the Shaw Library a superb piano used by Dame Nellie Melba.

Anyone wishing to subscribe is invited to write to the Trustees of the Friends' Amenities Fund of the LSE Society, care of the School.

Regulations as to Honorary Fellows

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Court of Governors, the Director, the Pro-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 past or present member of the School who has attained distinction in the arts, science or public life and, exceptionally, a person outside this category who has rendered outstanding services to the School and its concerns.
3. No full-time member of the staff of the School shall be elected an Honorary Fellow.
4. Elections may be made annually in the Michaelmas term. The number of persons elected shall not, save for special reasons considered adequate by the Court, exceed six.
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. Unless successful or withdrawn, it shall be regarded as current for three successive years, including the year of nomination, 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, in the Michaelmas term prior to the first ordinary meeting of the Academic Board, 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.

Part II: Regulations for Students and Courses

Admission of Students

1. Students are classified in the following categories:
 - (a) Regular students — those paying a composition fee for a degree or diploma or for any other full course and students paying a research fee.
 - (b) Occasional students — those paying a fee for one or more separate courses of lectures.
2. No student will be admitted to any course until he has paid the requisite fees. The School reserves the right at all times to withdraw or alter particular courses and course syllabuses.
3. **Concurrent Study**
No student is allowed to register or study concurrently for more than one examination of the University of London or of the School unless he or she has previously obtained in writing the permission of the Director of the School. Students studying for an examination of the University or of the School who wish to study at the same time for an examination held by an outside body, are required to state this fact when applying for admission to the School. Students failing to disclose this fact are liable to have their registration cancelled.
4. **University of London Regulations**
Students of the School who are reading for degrees or diplomas of the University of London are registered by the School as Internal Students of the University. As such they are bound by the Regulations of the University. The principal provisions of the Regulations, as they most commonly affect students at the School, are described in the following sections of the *Calendar*; but it is the responsibility of students to acquaint themselves with the Regulations, which are available from the Registry (for undergraduate students), the Graduate School Office (for graduate students), or from the University Senate House.

First Degrees

U.C.C.A.

All applications for admission to full-time courses leading to a first degree at the School should be made through the Universities Central Council on Admissions. The Council's address is P.O. Box 28, Cheltenham, Glos., GL50 1HY, and all completed application forms should be sent there. Students at school in Britain may obtain the application form and a copy of the U.C.C.A. handbook, which contains a list of universities and degree courses and instructions on completing the form, from their head teacher. Other students may obtain the form and handbook from the Secretary of the U.C.C.A. Completed application forms must be returned to the U.C.C.A. and not to the School. The School's code is **L LSE 44**.

The earliest date at which the U.C.C.A. will receive applications for admission in October 1987 is 1 September 1986. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1986. However, all students are advised to submit their applications as soon as possible after 1 September and not to leave them until the last minute.

Entrance Requirements

All candidates for admission to degree courses at the School must, by the date on which they hope to be admitted, be able to satisfy: (i) The *general requirements* for admission to degree courses which are laid down by the University of London, and (ii) the *course requirement* (if any) for the particular degree they wish to follow.

Candidates may satisfy the *general requirements* by:

Either

1. passing the general Certificate of Education examination, or an approved equivalent, in the required number of subjects, namely either two at advanced level and three at ordinary level, or three at advanced level and one at ordinary level.
The ordinary level passes must be obtained at Grade A, B or C. A Grade 1 pass in a subject taken in the Certificate of Secondary Education is recognised as equivalent to an Ordinary level pass in the G.C.E. examination. Ordinary passes (Grades A-C, in examination in and after 1973) in the Scottish Certificate of Education are accepted by the University of London as equivalent to Ordinary level passes in the G.C.E. examination. The University has also recently agreed that a student who has passed five separate subjects at the Higher level in the Scottish Certificate of Education and has obtained not less than Grade B in four of these subjects will be deemed to have satisfied the General Entrance requirements of the University of London. However the School would normally expect the candidates from Scotland to offer good passes in at least two subjects either in the Certificate of Sixth Year Studies examination or under the Post Higher syllabus.
- or 2. graduating in another university approved for this purpose by the University of London;
- or 3. obtaining by examination a full practising professional qualification;
- or 4. obtaining the Diploma in Technology;
- or 5. applying under the regulations for Advanced Students by virtue of a Teacher's Certificate awarded since 1962, after a course of study lasting three academic years in a training college in England or Wales, or a three-year course of training in Northern Ireland since 1950;
- or 6. other qualifications to be considered by the Special Entrance Board of the University.

The Special Entrance Board will also consider applications from holders of the Higher National Diploma or Certificate, the Ordinary National Diploma or Certificate or the BEC National Certificate.

Full details of the entrance requirements will be found in the pamphlet *Regulations for University Entrance*, obtainable from the Secretary, University Entrance Requirements Department, Senate House, London WC1E 7HU. Intending students are advised to obtain a copy of these regulations and to check that their qualifications are appropriate for the courses they wish to follow. The Assistant Registrar will be pleased to answer particular questions relating to the requirements.

The fact that a student has satisfied the general requirement does not mean that he or she will automatically obtain a place at the School. Candidates are usually expected to have reached a standard well above the pass mark in their qualifying examinations. Some candidates may also be asked to attend for interview or to take an entrance examination.

A person under the age of eighteen years may not be admitted as a student without the Director's special permission. A candidate who wishes to enter the School before his or her eighteenth birthday may be asked to write to state his or her reasons.

Those who hold qualifications enabling them to enter a foreign university, may be considered by the Special Entrance Board of the University of London. Such students should in the first instance apply for admission to the School throughout the U.C.C.A. If the School is willing to admit them it will forward their applications to the Special Board for consideration.

Early application from students from abroad is advised. However, where there is time to do so, students who are uncertain about their qualifications should write in the first instance to the Assistant Registrar, to check that they are eligible for consideration.

Students whose mother tongue is not English will be required to give evidence of proficiency in the language.

Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available a sufficient sum to cover their maintenance in London (£3500 for 1986/87) in addition to the fees. They may also be asked to produce a medical certificate.

Intending students from overseas should not set out for this country unless they have received a definite offer of a place at the School.

Besides the general requirements given above candidates must satisfy the *course requirements* for the degree they wish to take.

<i>Course and Course Requirements</i>	<i>Descrip- tion of Course Page</i>
B.Sc. Economics	217
'O' level pass in Mathematics expected	
LL.B.	286
No course requirement	
LL.B. with French Law	290
'A' level pass in French required	
LL.B. with German Law	293
'A' level pass in German required	
B.A. Geography	268
'O' level pass in Mathematics expected	
B.Sc. Degree	
'O' level pass in Mathematics expected for:	
Geography	268
Management Sciences	272
Social Policy and Administration	276
Social Psychology	277
Sociology	278
'A' level pass in a Mathematics subject expected for:	
Mathematics/Philosophy	274
Mathematics/Statistics/Computing/Actuarial Science	269
B.A. History	296
'O' level pass in a foreign language, modern or classical required	
'A' level pass in History or Economic History preferred	

General Course

Enrolment in this category is suitable for students who wish to follow a full-time course of study at the School for one year only. The facilities are intended mainly for foreign students, and attendance does not count towards any degree awarded by London University.

1. Applications for General Course registration will be considered from undergraduates who will have completed at least two years of study in a foreign university by the time of their enrolment at the School. Highly qualified graduate students who wish to do general work in the social sciences may also apply. Graduates who wish to follow a more specialised course without preparing for a degree, should apply for Research Fee registration (see pages 203 and 301).
2. General Course enrolment enables a student to attend lectures and classes and receive tuition at the School for one academic year only.

3. The number of students admitted each year is limited.
4. (a) The Senior Tutor to General Course students has general responsibility for the arrangements for students in this category.
(b) Every student is allocated a tutor, who will advise in the selection of courses and act throughout the session as supervisor.
(c) The Student may attend most lecture courses and may also join up to four classes.
(d) The student has full use of the Library without payment of any additional fee.
5. General Course students are required to take two written examinations at the end of their year at the LSE unless special exemption is granted by the Senior Tutor. A further two examinations may also be taken to make the total up to four examinations. The results of examinations taken are added to the registration certificate.
(a) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures and classes for which the student was registered, but does not include a detailed record of attendance.
(b) A tutor's confidential report will also be made available, on request, to the student's home university.
The School does not grade students or award credits on the American model. *Before committing themselves to attendance, students should, therefore, ensure that the facilities outlined above will satisfy the requirements of their home university.*
6. Application forms for General Course registration may be obtained from the Assistant Registrar of the School. An application fee (non-refundable) of £15 (or its equivalent in foreign currency) must be submitted at the time of application. The closing date for applications is 30 April in the year which admission is sought.

The Pre-Law Programmes

There are two programmes: a pre-law semester (running from September to December) and a pre-law year (three terms from October to June). However for the time being students will not be admitted to the year course, and applications will only be considered for the Semester course. They draw upon the School's long tradition of teaching and studying Law in a Social Science setting and are designed to introduce students to the central issues concerning the operation of law in the modern world. The primary aim is to explore the historical, social and political context of a twentieth century legal system. The programmes are specially constructed for college students or immediate post-graduates who are interested in learning about the role of Law in society or in getting an introduction to legal techniques. They are not intended to duplicate a freshman year in Law school.

Pre-Law Year

Students are required to take at least seven courses made up as follows:

1. Introduction to Juristic Techniques
2. Constitutional Theory
3. Obligations I
4. British Constitution
5. Obligations II
6. and 7. *one* of the following full-year courses:
 - (a) Jurisprudence
 - (b) Soviet and Yugoslav Legal Systems
 - (c) Dispute Settlement
 - (d) Women and the Law
 - (e) Economic Analysis of Law
 - (f) Legal and Social Change
8. Sociology of the Law (optional)

Pre-Law Semester

Students are required to take four single courses as follows:

1. Introduction to Juristic Techniques
2. Constitutional Theory
3. *Either* (a) Sociology of Law
or (b) Obligations I
4. *Either* (a) Sociology of Law (if not chosen under 3)
or (b) Obligations I (if not chosen under 3)
or (c) *One* of the following:
 - (i) Economic Analysis of Law
 - (ii) Jurisprudence
 - (iii) Dispute Settlement
 - (iv) Women and the Law

Certification

At the end of each programme each student will be given on request a certificate of registration. The certificate lists the lectures and classes which the student registered for but does not include a detailed record of attendance.

A leaflet about the programmes and application forms are available on request from the Assistant Registrar.

Graduate Studies

Information on admissions criteria and procedures for higher degrees, Diplomas and other facilities for graduate students will be found in the section "The Graduate School and Regulations for Higher Degrees and Diplomas".

Course in Trade Union Studies

The School offers a one-year course of study for men and women interested in the work of the trade union movement. The course, which provides a training in the social sciences with special reference to the development of trade unionism, is primarily intended for persons hoping to take up responsible work in trade union organisations, though applications for admission from other qualified students will be considered. Applicants must show that they possess the training and experience necessary to profit from the course.

Lectures are available in the main subjects of the syllabus; classes, open only to members of the course, are provided. Opportunities for written work are given and provision is made for tutorial supervision. Subject to approval, students may be admitted to other lectures given at the School which are of interest to them, and to which entry is not limited. In addition, they are full students of the School, and members of the Students' Union and as such entitled to enjoy all the facilities provided by the Union.

The course is open to full-time day students only.

The syllabus of study consists of eight 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) Labour Law
- (v) Political Theory and Organisation
- (vi) Elementary Statistics
- (vii) Business Organisation and Finance
- (viii) Industrial Sociology

There is a regular series of talks and discussions given or opened by prominent leaders and students of Trade Unionism. There are also a number of observation visits to firms and trade union offices.

On the completion of the course the student will receive a certificate from the School describing the major subjects undertaken during the period of study.

Application forms for admission may be obtained from the Department of Industrial Relations.

Full details of the fees payable are given in the Fees section of the *Calendar*.

Members of affiliated trade unions may be eligible for bursaries provided by the Trades Union Congress. In addition the Transport and General Workers Union, the National Graphical Association, the National Communications Union and the Confederation of Health Service Employees provide a limited number of bursaries to their members gaining admission to the course. Details of these bursaries are available from the organizations concerned.

Occasional Students

1. Occasional students are entitled to select up to three lecture courses per term from those listed in the Sessional Timetable. They are normally required to enrol for a complete course or for a whole term; registration for single lectures is not permitted. Classes and seminars are not normally open to Occasional students. The fee for most courses is £2 per hour. Refunds of fees are not normally available.

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

3. A person seeking admission as an Occasional student should obtain a form of application from the Assistant Registrar of the School and return it at least four weeks before the opening of the term in which he wishes to attend.

4. Applicants will be asked to state their qualifications for study at the School and the purpose for which they wish to study, and they may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students will be accepted. Candidates for external degrees of this University may not normally be registered as Occasional students.

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

6. Occasional registration does not entitle a student to tutorial assistance. The teaching facilities are strictly limited to attendance at the courses for which the individual student is registered.

7. An Occasional student will be allowed full use of the Main Library but not of the Teaching Library.

8. At the end of their attendance students will, on request, be given a typed certificate listing the courses for which they have been registered, but this certificate will not include a detailed record of attendance.

Regulations for Students

Preamble

1. The School exists for the pursuit of learning. Its fundamental purpose can be achieved only if its members can work peacefully in conditions which permit freedom of thought and expression within a framework of respect for the rights of other persons.

The Regulations exist to maintain these conditions and protect the School from actions which would damage its academic reputation or the standing of the School and its members.

Alterations and Additions

2. There shall be a Rules and Regulations Committee. The Committee shall consist of the Director, three Academic Governors, and three other members of the Academic Board elected annually by the Board, the President and Deputy President of the Students' Union and three other student members elected annually from among the registered full-time students in accordance with Regulation 25. The Committee may make recommendations for alterations and additions to these Regulations to the Standing Committee of the Governors and such alterations or additions shall come into effect forthwith upon publication after the approval of the Standing Committee has been given. If at any time the Standing Committee does not accept a recommendation of the Rules and Regulations Committee it shall state its reasons to that Committee in writing.

3. The Rules and Regulations Committee may also make recommendations to the Director on Rules for the conduct of School affairs, and the Director or any other person authorised by him may make and issue Rules that are not inconsistent with these Regulations after consultation with the Committee. The Director or any other person authorised by him may also, in circumstances which in the opinion of the Director or such other person constitute an emergency, issue Instructions for the duration of the emergency.

General

4. No student of the School shall:

- (a) Disrupt teaching, study, research or administrative work, or prevent any member of the School and its staff from carrying on his work, or do any act reasonably likely to cause such disruption or prevention;
- (b) Damage or deface any property of the School, or do any act reasonably likely to cause such damage or defacing;
- (c) Use the School premises contrary to Regulations and Rules, or do any act reasonably likely to cause such use;
- (d) Engage in any conduct which is, or is reasonably likely to be, clearly detrimental to the School's purposes.

Academic Matters

5. The Director may at his discretion refuse to any applicant admission to a course of study at the School or continuance in a course beyond the normal period required for its completion. He may refuse to allow any student to renew his attendance at the School as from the beginning of any term, on the ground of the student's lack of ability or of industry, including failure in a degree examination or other examination relating to a course, or failure, without adequate reason, to enter for an examination after completing the normal course therefore, or for any other good academic cause.

The Press

6. The admission to the School of representatives of the press, radio or television shall be governed by Rules made under these Regulations.

Public Statements

7. A student using the name or address of the School on his own behalf or on behalf of an organisation in a public statement or communication shall make clear his status as a student, and the status of any such organisation.

Copyright in Lectures

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

Misconduct

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

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

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

Penalties for Breaches of Regulations

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

Reprimand.

A fine not exceeding £25.

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

Expulsion from the School.

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

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

Reprimand.

A fine not exceeding £25.

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

Disciplinary Procedures

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

Should the Secretary be satisfied that a *prima facie* case exists, she will refer the complaint to the Director, or to another person authorised by the Director, and the Director or such person shall decide whether the complaint shall be proceeded with, and, if so, whether before a Summary Tribunal or before a Board of Discipline. In deciding whether proceedings shall take place before a Summary Tribunal or a Board of

Discipline the Director or the person authorised by him shall have regard to the seriousness of the alleged misconduct. Where the decision is made to proceed the Director or the person authorised by him shall formulate the charge or cause it to be formulated, and convene a Summary Tribunal or Board of Discipline as the case may require.

15. Subject as hereinafter provided, the members of Summary Tribunals and Boards of Discipline shall (other than the Chairman of a Board of Discipline) be drawn from a Disciplinary Panel and a Student Disciplinary Panel:

Provided that

- (a) If a person who has been selected as a member of a Tribunal or Board, and to whom not less than seventy-two hours' notice of its convening has been despatched, is absent during any part of the proceedings of the Tribunal or Board, he shall thereafter take no further part in the proceedings and his absence shall not invalidate the proceedings unless the number of those present throughout the proceedings (including the Chairman) falls below two in the case of a Summary Tribunal or four in any other case.
- (b) Students against whom charges of misconduct are laid shall have the right, if they so wish, to be heard by a disciplinary body without student members provided it is otherwise properly constituted.

16. The Disciplinary Panel shall consist of ten lay Governors appointed annually by the Court of Governors and ten members of the academic staff who are appointed teachers of the University of London or recognised teachers of the University of London of at least two years' standing at the time of selection, selected annually by lot in accordance with Regulation 27:

Provided that

- (a) No Governor who is a member of the Standing Committee of the Court of Governors shall be a member of the Disciplinary Panel.
- (b) No member of the Rules and Regulations Committee shall be a member of the Disciplinary Panel.

17. The Student Disciplinary Panel shall consist of ten persons who are registered full-time students selected annually by lot in accordance with Regulation 26.

18. Subject to Regulation 29, appointments of Governors to and selection of academic members of the Disciplinary Panel and the selection of the Student Disciplinary Panel shall take place in the year preceding the year of office, which shall commence on 1 August in each year. Additional appointments and selections may be made during the year of office to fill casual vacancies.

19. The members of a Summary Tribunal or of a Board of Discipline (other than lay Governors, who shall be selected by the person convening a Board, and the Chairman) shall be selected from the appropriate Panels by lot. No person shall be eligible for selection as a member of a Tribunal or Board if he is himself the subject of the case intended to be referred to that Tribunal or Board, or if he is the person who has brought the complaint, or if in the opinion of the person convening the Tribunal or Board it would be unfair to the person who is the subject of the case if he were to be selected. If at the commencement of a hearing a member of a Tribunal or Board is successfully challenged by the student who is the subject of the case, or his representative, that member shall be replaced by another person selected in a like manner.

20. Subject to Regulation 15, a Summary Tribunal shall consist of two academic members of the Disciplinary Panel and one member of the Student Disciplinary Panel. The Chairman of a Summary Tribunal shall be appointed from the Disciplinary Panel by the person convening the Tribunal. The decision of a Summary Tribunal shall be by a majority. At least seventy-two hours before a Tribunal meets, the student alleged to have committed a breach of these Regulations shall be informed in writing of the date of the hearing and of the nature of the breach which he is alleged to have committed. At the hearing of the Summary Tribunal he shall be entitled to be represented by an advocate of his own choice, who may be a lawyer. He or his representative shall be

entitled to cross-examine any witness called, and to call witnesses in his defence. He shall further be entitled to give evidence and to address the Tribunal in his defence. The Summary Tribunal shall report its findings and the penalty (if any) imposed in writing to the student concerned and the Director.

21. In every case where a Summary Tribunal reports that a breach of Regulations has been committed the student concerned shall be entitled to request, within forty-eight hours of being informed of the report and of the penalty proposed to be imposed, that the decision be reviewed by an Appeals Board consisting of two members of the Disciplinary Panel who shall not be persons concerned in the original hearing, selected in the same manner as the academic members of the Summary Tribunal. The Appeals Board shall not re-hear evidence, but otherwise shall determine its own procedure. It shall report its decision in writing to the student concerned and to the Director.

22. Subject to Regulation 15, a Board of Discipline shall consist of two members of the Disciplinary Panel who are also lay Governors, two academic members of the Disciplinary Panel, two members of the Student Disciplinary Panel and a Chairman who shall be a practising member of the Bar of at least seven years' standing who is not a member of the School and who shall be appointed in consultation with and subject to the agreement of the Vice-Chancellor of the University of London. The decision of a Board of Discipline shall be by a majority. At least three weeks before a Board of Discipline meets, the student alleged to have committed a breach of these Regulations shall be informed in writing of the date of the meeting and of the nature of the breach which he is alleged to have committed. At the hearing of the Board of Discipline he shall be entitled to be represented by an advocate of his own choice, who may be a lawyer. He or his representative shall be entitled to cross-examine any witness called, and to call witnesses in his defence. He shall further be entitled to give evidence and to address the Board in his defence. The Board of Discipline shall report its findings and the penalty (if any) imposed in writing to the student concerned and to the Director.

23. In every case where the Board of Discipline reports that a breach of Regulations has been committed the student concerned shall be entitled, within three weeks of being informed of the report and of the penalty proposed to be imposed, to appeal to an Appeals Committee of two members, neither of whom shall be members of the School, appointed in consultation with and subject to the agreement of the Vice-Chancellor of the University of London. The Appeals Committee shall not re-hear evidence but otherwise shall determine its own procedure and shall report in writing its decision to the student concerned and to the Director.

24. At any time when a decision to refer an alleged offence to a Board of Discipline is under consideration, or after any such reference has been made, the Director or a person under his authority may suspend the student concerned from all or any specified use of the School facilities pending the decision of the Board of Discipline.

Any order for suspension made pending a decision to refer shall lapse at the end of two weeks and shall not be renewable unless the case is, within that time, referred to a Board of Discipline. Any suspension under this Regulation will not be construed as a penalty, nor will it be reported to a grant-giving body as a penalty.

Student Members of Rules and Regulations Committee

25. The student members of the Rules and Regulations Committee shall be elected annually in the academic year preceding the year of office, which shall commence on 1 August in each year. Nomination of candidates shall be carried out in like manner to the nomination of candidates for the election of the President of the Students' Union. The election shall be by postal ballot and shall be conducted by the Secretary. The President of the Students' Union shall be entitled to nominate a student to observe the conduct of the election.

Student Disciplinary Panel

26. The annual selection of members of the Student Disciplinary Panel shall be made by the Secretary in the academic year preceding the year of office, using a random selection process. In making this selection she shall seek the advice of an Appointed Teacher in Statistics of the University. She shall exclude from the selection students whose courses she anticipates will be completed during the year of selection. She shall notify the persons selected and shall ask them to state in writing whether they agree to serve as members of the Panel. If within fourteen days of this notification any of the persons selected has not given his consent, further selections shall be made in like manner until ten persons have been selected and have agreed to serve. Any casual vacancies that arise during the year of office may be filled by further selection in like manner from the same group of persons. The President of the Students' Union shall be entitled to appoint a student to observe the conduct of the selection.

Academic Members of Disciplinary Panel

27. The annual selection of the academic members of the Disciplinary Panel shall be made by the Secretary in the academic year preceding the year of office using a random selection process. In making this selection she shall seek the advice of an Appointed Teacher in Statistics of the University. She shall exclude from the selection persons who she anticipates will be absent from the School for any period in term time exceeding four weeks during the year of office for which the selection is made. She shall notify the persons selected and shall ask them to state in writing whether they agree to serve as members of the Panel. If within fourteen days of this notification any of the persons selected has not given this consent, the Secretary shall make further selection in like manner until ten persons have been selected and have agreed to serve. Any casual vacancies that arise during the year of office may be filled by further selection in like manner from the same group of persons.

Miscellaneous

28. These regulations shall come into force on 29 September 1969.

29. The first appointments to and selections for the Disciplinary Panel and the first selection of the Student Disciplinary Panel shall exceptionally be made and held as soon as practicable after 29 September 1969 and the members of each Panel as so constituted shall hold office until 31 July 1970.

30. Any disciplinary proceedings pending on 29 September 1969 and any appeal from any finding or penalty imposed in any disciplinary proceedings which is pending on such date shall, notwithstanding the coming into force of the Regulations, continue to be governed by and in the manner available under the Regulations for Students in force at the time when the pending proceedings or appeal were commenced.

31. Until the first Disciplinary Panel has come into existence a Summary Tribunal shall be duly constituted if its members (other than the student) consist of two members of the academic staff appointed by the person convening the Tribunal, and a Board of Discipline shall be duly constituted if its Chairman has been nominated as laid down in Regulation 22 and its other members (other than students) consist of any four persons appointed by the person convening the Board from the Board of Discipline in existence immediately before these Regulations come into force. If at any time there shall be no duly constituted Student Disciplinary Panel in existence a Summary Tribunal or a Board of Discipline shall be duly constituted if the Tribunal or Board as the case may be has no student members provided that it is otherwise properly constituted. Selection of members of a Summary Tribunal or Board of Discipline under Regulation 19 shall not be invalid only by reason of the fact that at the time of selection the number of members of the Disciplinary Panel or Student Disciplinary Panel is less than that specified in Regulation 16 or 17, as the case may be.

32. Rules and Instructions issued under these Regulations shall be deemed part of the Regulations. All Rules in force immediately before these Regulations come into force

shall remain valid and shall be deemed part of these Regulations until they have been amended, altered or cancelled under the provision of Regulation 3.

33. An accidental defect in the constitution of a Summary Tribunal or Board of Discipline shall not invalidate its procedure.

34. Any actions that these Regulations require to be carried out by the Secretary may be carried out by a person acting under her authority. In the absence or incapacity of the Secretary her functions, under these Regulations may be exercised by her Deputy or by another person authorised by the Director, and references to these Regulations to the Secretary shall be read to include her Deputy or any such person.

Rules Relating to Student Activities

1. Preamble

These Rules deal with the use by students for extra curricular purposes of all School premises and facilities including those made available for use by the Students' Union but excluding student residential accommodation and the School's sports grounds for which separate regulations are in force. They are intended to enable students, whether individually or in groups and societies, to have the fullest use of the School's facilities, while reserving to the School authorities such rights as are necessary to ensure that public and private safety are not endangered, that normal functions can be carried out, that the relevant laws are observed and that the buildings can be managed in an orderly and efficient way. The Students' Union is responsible for good order in those rooms in the East Building and the Clare Market Building which have been placed at the disposal of the Students' Union and for the exercise of reasonable care in the use of these premises and their furniture and equipment, although ultimate responsibility for security of all premises remains with the School.

2. Meetings and Functions

The Students' Union and its societies may apply to the School for permission to use the School's premises for meetings or social functions; such permission is deemed to be given automatically in respect of School premises allocated to the Students' Union. Nevertheless the School reserves the right to withhold or withdraw permission for a meeting or function and to refuse consent for any visitors to come on to any of its premises. In that event the Students' Union will be consulted in advance, if possible.

3. Times of Opening and Closing the School

The opening times of the School are those set out annually in the *Calendar*.

4. Responsibility for Visitors

Students are expected to take responsibility for the conduct of any visitors they may introduce into the School to attend meetings or for any other purpose.

5. Admission of the Press

(a) Representatives of the press, radio or television are admitted to and may remain on the premises of the School only with the consent of the School.

(b) Specific permission must be sought from the Secretary and obtained where such persons seek admission to meetings or events of any kind taking place in the School. Consent shall be deemed to be given in all other cases without prior application.

(c) Consent to the presence of any representative of the press, radio or television anywhere on the School's premises may be revoked by the School at any time. The School shall provide, on request, reasons for its decision.

6. Sale of Alcohol on School Premises

(a) Alcohol may only be sold in licensed areas, namely:

- (i) The restaurants and bars operated by the School's Central Catering Services;
- (ii) In the Three Tuns Bar, which is the Students' Union's responsibility, occasionally in the Cobden Bar, and in any other licensed premises operated by the Students' Union, provided authority has been obtained from the School.

(b) Application to sell alcohol outside normal licensing permitted hours must be made in advance to the Bursar; permission from the relevant licensing authority is also necessary.

7. Notice Boards

Notice boards are placed at the disposal of the Students' Union and its societies in various parts of the School. Notices placed elsewhere may be removed by School staff.

The Law of the Land

All activities in the School are subject to the law of the land.

NOTE: Implementation and general interpretation of these Rules are the responsibility, in the first instance, of the Secretary of the School.

Copies of the Administrative Notes which relate to these Rules may be consulted in the Information Office.

Fees

1 The fees stated are payable for the academic year 1986-87. They may not apply thereafter.

2 Students are normally expected to pay fees by the session and fees are due to be paid not later than the end of the first week of the Michaelmas term.

On application to the Academic Registrar, permission may be given by the School for payment to be made by instalments and in that case the following arrangements will apply:

- (i) Michaelmas terms fees should be paid by the end of the first week of that term;
- (ii) the balance of the sessional fee due for the Lent and Summer terms should be paid by the end of the first week of the Lent term;
- (iii) any student who wishes to defer payment of fees for the Summer term beyond the first week of the Lent term should again apply for permission to the Academic Registrar, who will ask for full reasons why this permission should be granted.

3 If fees are not paid when due registration will be incomplete and the student will not be entitled to use any of the School's facilities unless an extension of time to pay is allowed in writing by the School. The School reserves the right to withhold or, where appropriate, to ask the University to withhold the award of a degree or diploma to any student owing fees.

4 The fees stated are composition fees and cover registration, teaching,¹ first entry to examinations,² the use of the library and membership of the Students' Union. For students working under intercollegiate arrangements the fees also cover teaching and the use of student common rooms at the other colleges which they attend.

5 Separate fees are payable by students from overseas.

6 Students who withdraw in mid-course having given notice of their intention to do so may apply for a refund of an appropriate portion of fees paid.

7 Enquiries about fee accounts should be made in the first instance to the Registry or the Graduate School Office.

8 Fees should, as far as possible, be paid by cheque to the Accounts Department, Room H.402. Cheques should be made payable to the 'London School of Economics and Political Science' and should be crossed 'A/c. Payee'.

FEE ACCOUNTS	
First entry (first examination)	£125
All other sessions	£130
Registration fee	£130
Overseas fee (first term)	£175
Overseas fee (other terms)	£130

¹Composition fees do not include the cost of field work or practical work required to be undertaken in vacation or term time.
²The first entry to all examinations required by the regulations of a student's course is covered by the composition fee. Students needing information about re-entry fees for examinations should enquire at the Registry or Graduate School Office.

Full-time Students	Sessional Fees	HOME AND EEC		OVERSEAS	
		beginning in or after			
		Oct. 1986	Oct. 1985	Oct. 1984	
All first degrees					
General Course	£536	£3860	£3800	£3600	
Trade Union Studies					
M.Sc. and Diploma in Social Planning in Developing Countries	£1680	£4100	—	—	
M.Sc. in Sea-Use Law, Economics and Policy-Making	£4100	£4100	—	—	
M.Sc. in Health Planning and Financing	£1680	£5500	—	—	
LL.M.	£1680	£3600	—	—	
All other higher degrees	£1680	£3860	£3800	£3600	
School diplomas, University diploma and research fee					
Part-time Students					
Sessional Fees					
HOME, EEC AND OVERSEAS					
First degrees (where applicable)		£135			
All higher degrees		£630			
Research Fee		£630			
Continuation Fee: Home, EEC and Overseas			£192		

Part-time Registration for First Degrees

The School may admit each year a small number of students to follow part-time courses for a **first degree** by course units. The numbers are severely restricted and the fields of study available are few in number. This form of registration is intended for persons who are unable to obtain financial support for full-time courses or for any of the School's full-time students who may be given permission to take a year of part-time study before resuming their full-time courses. Further details are available from the Assistant Registrar (Admissions). Separate arrangements apply for part-time graduate students.

Research Fee

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

Continuation Fee

The continuation fee is payable by research degree students who have completed their approved courses of study, but have been permitted to continue their registration. It entitles them to receive advice from their supervising teachers and to attend one seminar, but not to attend any lecture courses. These arrangements apply to research degree students after they have been registered at L.S.E. for the M.Phil. or Ph.D. full-time for three years or part-time for four years.

Fees for Occasional Students

Approved students are admitted on payment of appropriate fees, the amounts of which will be quoted on request. For general guidance it may be stated that the fee for most courses is £2 per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £20.

Financial Help Available to Applicants and Students

In general the School expects all students admitted to courses to make adequate arrangements for their maintenance and the payment of their fees, including making allowance for unavoidable increases.

The School is prepared, however, to consider applications for help from persons wishing to begin courses who lack the necessary funds to meet all their costs, and from students who fall into financial difficulties during a course. It uses funds from two sources: its own resources, and money donated in response to a major appeal launched in 1979 (the LSE 1980s Fund) when it was foreseen that high fees were going to cause problems for many students.

Information in the following section covers these subjects:

Public Awards

Help offered by the School

Scholarships, Studentships and Prizes offered under Trust Deeds and administered by the School.

Public Awards

(A) Undergraduates

The usual grant-awarding body for a student who lives in England, Wales or Northern Ireland is the Local Education Authority. Scottish students should enquire at the offices of the Scottish Education Department, Haymarket House, Clifton Terrace, Edinburgh.

(B) Postgraduates

The principal sources of public awards for postgraduates at the School are the Economic and Social Research Council, the Science and Engineering Research Council, the Natural Environment Research Council and the British Academy. With the exception of the ESRC Competition Award Scheme, students may not apply direct to these bodies but should enquire at the School (Scholarships Officer).

Assessment of Need

In assessing whether a student really needs help the School authorities take into account his income and expenditure as compared with that of students in the same category i.e. home or overseas, new student or continuing etc. It is normally assumed that students from overseas require more money for their maintenance than students whose homes are in Britain. This is because of the higher cost of covering vacation expenses or travelling to and from the home country.

The School is also prepared to consider applications for assistance from students who are parents and are experiencing financial hardship. Enquiries should be made to the Scholarships Officer, Room H210.

Types of Help offered by the School

All awards are normally open to undergraduates and postgraduates, irrespective of fee, in any year of any course.

The main forms of help that are made available are these:

Scholarships

Awarded only to students of outstanding academic ability who are in financial need. An award can cover fees and there may be help with maintenance costs.

Loans

All loans are interest-free

— Short-term — up to £50 — repayable within a few weeks.

- Medium-term — larger sums for longer periods but usually repaid within the academic year.
- Long-term — larger sums for longer periods, normally repayable within three years of leaving the School.

Work Awards

Payment or reduction of fees made to students who undertake some form of work for the School in return e.g. work in the Library, statistical, environmental improvement, as available from time to time.

Bursaries

Grants made to help with fees and hardship. They may be used to reduce the fees payable or form cash grants to applicants.

Notes for Applicants

If you wish to seek help you should obtain an application form from the Registry (H.310), or the Scholarships Officer (H.210). You should ask there and then about anything which is unclear, because there is normally someone available for this purpose.

It is most important that you should set out your case clearly, giving all the information which you think might help the School to reach a decision quickly. All information supplied will be regarded as confidential and knowing this students are asked to be full and frank in their statements. It is sensible to make sure that your Tutor or Supervisor knows of your problem, because he/she might be able to write in support of your application.

When you have completed the form please leave it with the Scholarship Officer. It will be considered by the Committee appointed by the School for this purpose. You might be invited to attend for interview though this will not normally be necessary if your application is clear, full and unambiguous.

Decisions and Appeals

After the Committee have obtained all the possible information they require on which to determine your application they will make a recommendation for or against an award. As soon as a decision on the recommendation has been made the Scholarships Officer will write to tell you, at your term-time address. If the decision is in your favour you will be told how the School is going to help you.

If you do not obtain the help you seek you may ask for a review, with or without submitting fresh material. You will normally be invited to attend for an interview to present your case at the review.

Time for Decisions

The time taken for decisions to be reached on the different forms of help will vary considerably, according to the nature of the application. The following should be taken as a rough guide:

Form of Help

Time for Decision

Short-term loan

up to £50 either at once or within a few hours; for larger sums, within 14 days.

Long-term loan }
Bursary } within 14 days; if longer a letter will be sent to the
Work Award } applicant giving the reasons for the delay

Scholarship as advised by the Scholarships Officer

Scholarships, Studentships and Prizes offered under Trust Deeds and administered by the School

(a) *Undergraduate Scholarships*

These Scholarships may be awarded annually on the basis of academic achievement at the School. Applications are not required and all candidates in the appropriate categories are considered.

Name	Value	Eligibility or Department where offered
Entrance Scholarships	£100	First year students: all degrees
Institute of Chartered Secretaries and Administrators	£300	B.Sc. (Econ.), B.Sc. Management Sciences and LL.B. second or third year
Lillian Knowles	£250	Best results in Part I of B.Sc. (Econ.) specialising in Economic History at Part II
Harold Laski	£225	B.Sc. (Econ.) second or third year, specialising in Government
LSE 1980s Fund Undergraduate Scholarship	Fees and maintenance	For undergraduate work in the social sciences
C. S. Mactaggart	£250	B.Sc. (Econ.) second or third year
Metcalfe	£100	B.Sc. (Econ.) second or third year women students
Norman Sosnow Travel Scholarships	£500	For travel anywhere outside the United Kingdom
School Undergraduate Scholarships	£250	LL.B. or B.Sc. course unit degrees, second or third year
Senior Scholarships	£100	Second and third year students; all degrees
Stern Scholarships in Commerce	£125	Awarded on basis of final examination, B.Sc. (Econ.) or B.Sc. by course units in Faculty of Economics for postgraduate study in a field of commercial interest

Third World Foundation Undergraduate Scholarship

Fees only

B.Sc. (Econ.) degree who wishes to specialise at Part II of the course in a subject which is likely to create a greater awareness of the problems of the Third World. Preference to students from Third World countries

(b) *Undergraduate Prizes*

These prizes are awarded on the basis of academic performance at the School. Applications are not required.

Allyn Young	£25	Performance in certain papers of Part I B.Sc. (Econ.)
Arthur Andersen Prizes	£60; £40	Best and second best performance in the examination Accounting and Finance I, by second year B.Sc. (Econ.) students
Bassett Memorial Prizes	(i) £30	Performance in B.Sc. (Econ.) final examination, specialising in Government or Government and History, especially government of Great Britain
	(ii) £20	Performance in Trade Union Studies course
Janet Beveridge Awards	(i) £50	Third year B.Sc. in Social Science and Administration
	(ii) £50	First or second year B.Sc. in Social Science and Administration
Coopers and Lybrand Prizes	£60; £40	Best and second best performance in the examination, Accounting and Finance III
Deloitte Haskins + Sells Prizes	£60; £40	Best and second best performance in the examination, Accounting and Finance II
William Farr Prize	Silver medal	Performance in B.Sc. (Econ.) Part II examination, specialising in Statistics or Computing
Morris Finer Memorial Prize in Law	£100	Performance at Part I of LL.B.

Maurice Freedman	£50	Best dissertation for special essay paper in Social Anthropology; third year
Geoids Book Prize in Memory of S. W. Wooldridge	about £15	Student who makes a distinctive contribution to the life of the Joint School of Geography at King's College and LSE
Gonner Prize	£15	Performance in certain special subjects of B.Sc. (Econ.) degree final examination
Percy Gourgey Essay Prize	£7.50	Best project report submitted for Trade Union Studies course
Hobhouse Memorial Prize	£75	Performance in final examination B.Sc. Sociology or B.Sc. (Econ.) specialising in Sociology at Part II
Hughes Parry Prize	£50	Performance in subject of Law of Contract in Intermediate examination in Laws
Andrea Mannu Prizes	£100 each	For essays of high quality submitted for paper 6 (b) or 7 (a) in the special subject of Philosophy in the B.Sc. (Econ.) degree
Maxwell Law Prize	£75	Performance in Part I of LL.B.
Mostyn Lloyd Memorial Prize	£60	Performance in Diploma in Social Science and Administration
George and Hilda Ormsby	(i) £70	Performance in B.A./B.Sc. in Geography or B.Sc. (Econ.) specialising in Geography at Part II
	(ii) £70	Best piece of original work in Geography
Peats Prizes	£60; £40	Best and second best performance in the examination, Elements of Accounting and Finance, by first year B.Sc. (Econ.) students

Gilbert Ponsonby Memorial Prizes	£100	Performance in Part II of B.Sc. (Econ.) final examination
Premchand Prize	£150	Performance in special subject of Monetary Economics at Part II of the B.Sc. (Econ.) examination
Raynes Undergraduate Prize	£60	Best Performance in Part II of the B.Sc. (Econ.) examination
School Prize for Mathematicians	£225	Excellence in mathematical subjects in final examination of B.Sc. degree
S. W. Wooldridge Memorial Awards	—	To assist independent projects of field study by students registered in Joint School of Geography of King's College and LSE

(c) *Postgraduate Studentships*

These Studentships are normally awarded on the basis of competitive interview after admission to the School. Competition is intense.

Acworth Scholarship	£650	Graduate work in inland transport subjects
Delia Ashworth Scholarship	£275	Diploma course in Social Science and Administration
Montague Burton Studentships in International Relations <i>(from the endowment provided by the late Sir Montague Burton and with additional funds donated by his daughter and three sons)</i>	£800 minimum	Graduate work in International Relations. Preference given to those wishing to qualify themselves for university teaching in International Relations
Morris Finer Memorial Studentships	Fees and maintenance	Research in socio-legal field on certain specified topics
Graduate Studentships	Fees and some maintenance	Graduate work in the social sciences
Hatton and Medicott Awards	Interest-free loan or bursary up to £1000	Research in International History

C. K. Hobson Studentships in Economics	Fees and some maintenance	Graduate work in Economics
Hutchins Studentship for Women	£500	Research in the social sciences preferably Economic History
Rees Jeffreys Road Fund Award	Fees and maintenance	Research in the field of transport
Madge Waley Joseph Scholarship	£40	Woman student registered for one-year course in Social Science and Administration
Kahn-Freund Award	Fees and some maintenance	Graduate work in law in specified fields of interest
Jackson Lewis Scholarship	£700	Graduate work in social sciences
LSE 1980s Fund Studentship	Fees and some maintenance	Graduate work in the social sciences
Loch Exhibitions	£100	Students registered for a Diploma course in the Department of Social Science and Administration
Malinowski Memorial Studentship	£600	to assist self-financing students without access to adequate funding, with cost of writing-up after completing fieldwork
Andrea Mannu Studentship	£3500 approx.	Graduate work in Philosophy, Logic and Scientific Method
Metcalfe Studentship	At least £500	Woman student for research in social sciences, especially for study of a problem bearing on the welfare of women
Robert McKenzie Canadian Scholarship	\$3,000 (Canadian)	Graduate work in the Social Sciences. Applicants should have a first degree from a Canadian university
Gilbert Ponsonby Memorial Awards	Grants or loans	Postgraduate students from developing countries registered in Department of Economics

Eileen Power and Michael Postan Awards	£500	Research in Social or Economic History. Preference to candidates whose research is undertaken in some country other than the country of their usual residence. Awards may be in the form of a studentship or travel or other research expenses
Rosebery Studentship	£450	Graduate work in social sciences, preference given to those including some aspect of transport in their studies
Leonard Schapiro Graduate Studentship	£1500 minimum	Graduate work in Russian Studies
Suntory-Toyota Studentships	Fees and some maintenance	Research work in specified fields of study for which the Suntory-Toyota International Centre for Economics and Related Disciplines was established
Third World Foundation Research Award	Fees only	For research which is likely to create greater awareness of the problems of the Third World. Preference given to students from Third World countries
Eileen Younghusband Memorial Fund Awards		Applications are invited for awards to support proposals which provide innovative studies and research in social work including study visits to the U.K., projects to increase capacity of institutions to provide learning opportunities for students from the Third World, and projects which enable social workers to help in disaster situations. For further information, please apply to: The Trustees of the Eileen Younghusband Memorial Fund, London School of Economics and Political Science, London, WC2A 2AE.
Alfred Zauberman Awards	£1,000	Scholarships, grants or any other forms of financial aid for postgraduate study. Regard will be given to Donor's wish that preference be given to students from East European Countries and to study of Economics of East European Countries

American Friends Scholarships

Financial aid to graduate students in the form of fee awards may also be available from the American Friends of LSE (AFLSE). Applicants must be citizens or permanent residents of the United States of America and must have applied for admission to a graduate programme at LSE. Students who are already enrolled at LSE are not eligible. Selection is based on college transcripts, two letters of recommendation, a personal statement of reasons for selecting LSE and the proposed course of study, and financial need. Completed applications must reach AFLSE by 1 March of the intended year of enrolment. Enquiries about eligibility should be sent directly to the Chairman, Scholarship Committee, American Friends of the London School of Economics, 1025 Thomas Jefferson Street N.W., Suite 400, East Lobby, Washington D.C. 20007, USA.

Australian Graduate Scholarship

For students who are graduates of Australian Universities who have been admitted to do postgraduate study or who are completing such study at L.S.E. Awarded on the basis of academic merit and financial need. Applicants must be citizens or permanent residents of Australia and must intend to return to Australia following their period of study at L.S.E. Information and application forms may also be obtained from the Registrar (Scholarships Office), University of Sydney, N.S.W. 2006, Australia.

(d) *Postgraduate Prizes*

These prizes are awarded on the basis of academic achievements at the School. Applications are not required.

Bowley Prize	£60	Written work in the field of economic or social statistics completed within four years prior to 1 January 1988
Ely Devons Prizes	£60	Best student registered for M.Sc. (Economics); best student for M.Sc. (Econometrics and Mathematical Economics)
Firth Awards	£200	Best paper contributed to a seminar in Department of Anthropology by a graduate student

Foundation on Automation and Human Development Annual Awards	£75 each	Two prizes for best performance in M.Sc. Industrial Relations; 1 prize for the best performance in Diploma in Trade Union Studies.
Gladstone Memorial Prize	£100	Student registered for Masters degree who submits best dissertation on subject connected with History, Political Science or Economics including some aspect of British Policy
Imre Lakatos Prizes	£150	For dissertations of high quality submitted in fulfilment of the examination requirement for the M.Sc. in Logic and Scientific Method
Andrea Mannu Prizes	£150 each	For dissertations of high quality submitted in fulfilment of the examination requirement for the M.Sc. in Social Philosophy
Robert McKenzie Prizes	total of £1000	For outstanding performance in the M.A., M.Sc., M.Phil. or Ph.D. degrees
George and Hilda Ormsby Prize	£90	Graduate work in Geography
Robson Memorial Prize	—	To help present or recent students of the School prepare for publication as articles or books work in subject area of interest to the late Professor Robson
(e) <i>Awards open to both Undergraduates and Postgraduates</i>		
Vera Anstey Memorial Award	—	Regard will normally be had to Dr. Anstey's special interest in India, Pakistan, Bangladesh and Sri Lanka

S. H. Bailey Scholarship in International Studies; and School Scholarship in International Law	£100	Awards are offered in alternate years. To enable attendance at some institute of international study; or to attend a session at the Academy of International Law at the Hague
Baxter-Edey Awards	£3000 available	Accounting and Finance: second and third year undergraduates or postgraduates
Christie Exhibition	£100 if an annual award; £200 if offered biennially	Students registered in Department of Social Science and Administration
Elphick Trust Awards	£200	For students registered in the Department of Sociology; to assist in relief of hardship
W. G. Hart Bursary Award	£800	Undergraduate or graduate work in Law
Japan Air Lines Travel Awards		Through the generosity of Japan Air Lines, air tickets are available for part or complete journeys to London. Japan Air Lines presently flies to London from Abu Dhabi, Auckland, Bangkok, Cairo, Copenhagen, Delhi, Fiji, Fukuoka, Guam, Honolulu, Kuala Lumpur, Manila, Moscow, Osaka, Paris, Pusan, Rome, Saipan, Sapporo, Seoul, Singapore, Sydney and Tokyo. A change of aircraft during the journey may be necessary. Any students who need help with their fares to come to LSE and who could join one of these routes should apply to the Scholarships Officer at the School
L.S.E. Scholarship for Jordanian Students	Fees, maintenance and return air fare	For Jordanian students at either first degree or postgraduate level
Robert McKenzie Scholarship	£1000	Preference given to students from Canada and to those wishing to study Sociology, particularly Political Sociology and other related fields which would have been of interest to the late Professor McKenzie

Margot Naylor Memorial Scholarship

at least £250

Women students; regard will be given to donor's request that preference be given to those intending a career in financial journalism.

Scholarships and Studentships awarded by the University of London

The University of London offers a number of awards for undergraduate and graduate students. All enquiries should be addressed to: the Scholarships Department, Senate House, Malet Street, London WC1E 7HU.

First Degree Courses

General Information

General Note: The School prepares students for degrees of the University of London. It has no power to award its own degrees.

All students should read the University Regulations for Internal Studies in the relevant faculty. They may be obtained from the University or the Registry at the School.

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

Bachelor of Science in Economics

B.Sc. Degree in the Faculty of Economics, with Main Fields in:

Geography,
Mathematics, Statistics, Computing and Actuarial Science,
Management Sciences,
Mathematics and Philosophy,
Social Policy and Administration,
Social Psychology,
Sociology

B.A. degree in the Faculty of Arts, with Main Fields in:

Social Anthropology,
Geography

Bachelor of Arts in History

Bachelor of Laws

The information printed in this Calendar concerning these degrees is correct at the time of going to press, but minor modifications may be made by the beginning of the academic year.

The School reserves the right at all times to withdraw or alter particular courses and course syllabuses.

Students should note that for timetabling reasons, it may not be possible to make arrangements for some combinations of papers at Part II of the B.Sc. (Econ.) degree.

The approved course of study for a first degree extends over not less than three years.¹

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

Study Guides

In the regulations which follow a Study Guide number is printed opposite each examination paper. The Study Guides are printed in detail in Part III of the Calendar with a general explanation on page 364. Students should first read the Regulations for their particular Degree, to see the rules governing their choice of examination subjects. They should then refer to the Study Guides, which in turn refer to the lecture and seminar series listed in the Sessional Timetable (published separately).

¹Graduates and persons who have obtained a Teacher's Certificate awarded after a course of study extending over not less than three years may in certain circumstances be permitted to complete the course for a first degree in not less than two years. Details may be found in the General Regulations for Internal Students obtainable from the University of London, Senate House, London WC1E 7HU.

Special Regulations for the B.Sc. (Econ.) Degree

These regulations must be read in conjunction with the General Regulations for Internal Students published by the University of London.

1. Conditions of Admission

In order to be admitted to the degree a candidate must

- (i) satisfy or be exempted from the general entrance requirements of the University of London
- (ii) be admitted to and follow an approved course of study at the London School of Economics and Political Science. The course of study for the degree normally extends over three consecutive academic years, but for advanced students the period may be two. A student registering under the regulations for advanced students will normally be required to pass the Part I examination before entry to the School. Exceptions to this requirement may be made at the discretion of the School in the case of well-qualified candidates
- (iii) pass the relevant Part I and II examinations.

2. Dates of Examination

Examinations will be held once in each year in the Summer Term, commencing on dates to be published in the School's *Calendar*. Candidates will be informed by the Academic Registrar of the School of the time and place of the examination.

3. Entry to Examinations

Every student entering for an examination must complete and return an entry form, to be obtained from the Academic Registrar of the School.

Students in attendance at the School are not required to pay separate examination fees. A student who for medical or other reasons approved by the School does not sit an examination while in attendance at the School may be permitted to enter for such examination on one subsequent occasion without payment of a fee, although not in attendance at the School. In all other cases students permitted to re-enter for an examination when not in attendance at the School will be required to pay the entry fees.

Details are available on enquiry at the Examinations Office.

4. Classification for Honours

The classification for Honours will be based primarily on the candidate's performance in Part II of the examination but the marks obtained in Part I may be taken into account.

5. Class List

Successful candidates at the Final examination will be awarded (1) First Class Honours, (2) Second Class Honours, or (3) Third Class Honours. The Second Class Honours List will be divided into an Upper and a Lower Division. Candidates who do not qualify for Honours may be awarded a Pass B.Sc. (Econ.) Degree; the list of such candidates will be published separately from the Honours List. The names in each class or division of the Honours List and of the Pass List will be in alphabetical order.

6. Notification of Results

A list of successful candidates will be published by the Academic Registrar of the University. The date of the award of the degree to successful candidates will be 1 August.

7. Issue of Diplomas

A diploma for the Degree of B.Sc. (Econ.) under the seal of the University, will be delivered to each successful candidate who is awarded the degree. The Diploma will state the special subject taken.

8. Aegrotat Provisions

A candidate who has completed his course of study as an Internal Student and who, through his illness or other cause judged sufficient by the Academic Council such as death of a near relative, (i) has been absent from the whole or part of the examinations

at the end of his Final year *or* (ii) though present at the whole of the examinations at the end of his Final year, considers that his performance has been adversely affected by any of the above causes, may be considered for the award of an Aegrotat or classified degree under the following Regulations.

1. An application for consideration must be made by the candidate's School on his behalf within seven days from the last day of the examination and must be accompanied by a medical certificate or other statement of the grounds on which the application is made and by records of the candidate's performance during the course and by assessments provided by the candidate's teachers.
2. If the Examiners are able to determine on the basis of examination evidence that a candidate who has been present for all papers or who has been absent from one or two papers or the equivalent of one or two papers, has reached the standard required for the award of a degree with a Pass or Honours classification they shall recommend the award of such a degree and shall not consider the candidate for the award of an Aegrotat Degree.
3. In the case of a candidate not recommended for a classified degree under paragraph 2 the Examiners, having considered the work which the candidate has submitted at the examination or in such part of the examination as he has attended, if any; records of the candidate's performance during the course; and assessments provided by the candidate's teachers; will determine whether evidence has been shown to their satisfaction that, had he completed the examination in normal circumstances the candidate would clearly have reached a standard which would have qualified him for the award of the degree. The Examiners shall not recommend the award of a class degree higher than the overall level which the candidate has achieved in the work actually presented.
4. A candidate on whose behalf an application has been made under 1 above will be informed whether the Examiners have determined that he is eligible to apply for the award of an Aegrotat Degree and that, if so, he may either:
 - (i) apply for the award of the Aegrotat Degree
 - (ii) not apply by re-enter for the same examination at a later date.
5. A candidate who under 4 above has applied for the award of an Aegrotat Degree will be informed that the degree has been conferred and will not be eligible thereafter to re-enter for the examination for the classified degree.
6. On re-entry for the classified degree, a candidate who under 4 above has been informed that he is eligible to apply for the award of an Aegrotat Degree ceases to be eligible so to apply.
7. An Aegrotat Degree will be awarded without distinction or class.
8. Holders of an Aegrotat Degree are not permitted to re-enter for the same examination, but may apply for permission to proceed to a second or higher degree on complying with the regulations for such degree.

9. Course of Study

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

10. Details of Examinations

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

11. Part I

11.1 The examination for Part I consists of four papers to be chosen from at least three of the following groups.

Provided these requirements are satisfied, a paper in an approved foreign language may be substituted for one of the papers listed on page 220.

French, German, Russian and Spanish are at present taught at the School, but a candidate may select any other language approved by the convener of the department responsible for the candidate's intended Special Subject at Part II, provided that appropriate teaching arrangements can be made.

11.2 In addition to written papers, examiners may test any candidate by means of an oral examination.

11.3 The Board of Examiners may also at their discretion taken into consideration the assessment of a candidate's course-work.

11.4 A student may, at the discretion of the Board of Examiners, be referred in one paper which must normally be passed before the beginning of his third year of study. A student thus referred may, on re-entry, choose to be examined in a different subject from that in which he was referred provided he observes the general rule in regulation 11.1 and attends a course of study in the new subject.

11.5 Where a candidate is absent through illness from one paper of the Part I examination but his performance in the remaining papers is satisfactory, he may be permitted by the School to proceed to the Part II course but he will be required to take the examination in the outstanding paper on the next occasion of examination. If the candidate then fails the paper his case shall be governed by regulations 11.4 and 12.6.

11.6 A list of successful candidates in the Part I examination will be published and the School will officially communicate to each student the grades obtained by him in the individual papers of the examination.

11.7 As a transitional arrangement, students who have begun courses under the previous regulations for the B.Sc. (Econ.) but who have, with the School's permission, temporarily withdrawn from the School, shall be eligible on re-admission to continue under the new regulations. Such students who have completed a course of study for an examination under the previous regulations shall be eligible for re-examination under these regulations. A pass in the Part I examination under the previous regulations shall be accepted as exempting from the Part I examination under these regulations.

11.8 A student who has passed courses to the value of four course-units in appropriate subjects in a Course-unit Degree of the University of London may, with the approval of the School, be permitted to transfer to the B.Sc. (Econ.) Degree with direct entry to the course of study and examination for Part II of the Degree. The marks obtained by such a student in course examination will be treated for the purpose of classification for honours as the equivalent of marks obtained in Part I of the B.Sc. (Econ.) examination.

A student of the School who has successfully completed one year of the course for a degree other than the B.Sc. (Econ.) and who wishes to transfer, but some or all of whose subjects are judged by the School to be inappropriate, may be permitted to transfer to the second year of the B.Sc. (Econ.) on condition that in Part II he takes such papers as the School may consider appropriate to satisfy the intent of the Part I regulations.

Part I Subjects

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I	(a) Economics A1	Ec1401
	(b) Economics A2	Ec1400
	or (c) Economics B	Ec1403
	or (d) Economics C	Ec1408
	(e) Elements of Accounting and Finance	Ac1000
II	(a) Basic Mathematics for Economists	Ec1415
	or (b) Elementary Mathematical Methods	SM7000
	or (c) Introduction to Algebra	SM7001
	(d) Introduction to Analysis and Set Theory	SM7002
III	(a) Basic Statistics	SM7200
	or (b) Elementary Statistical Theory	SM7201
	(c) Introduction to Logic	Ph5200
	or (d) Introduction to Mathematical Logic	Ph5201
IV	(e) Introduction to Scientific Method	Ph5210
	(a) Modern Politics and Government, with special reference to Britain	Gv3010
	(b) History of Political Thought I	Gv3002
	(c) English Legal Institutions	LL5020
	(d) The Structure of International Society	IR3600
V	(e) Public International Law	LL5131
	(a) Modern British Society in Historical Perspective	EH1601
	or (b) The Economic History of Great Britain and the U.S.A. 1850-1939	EH1600
	(c) Political History, 1789-1941	Hy3400
	or (d) World History since 1890	Hy3403
VI	or (e) The History of European Ideas since 1700	Hy3406
	(a) Principles of Sociology	So5802
	(b) Introduction to Individual and Social Psychology	Ps5400
	(c) Introduction to Social Anthropology	An1200
	(d) Geographical Perspectives on Modern Society	Gy1801
	(e) Introduction to Social Policy	SA5600
VII	(f) Population, Economy and Society	Pn7100
	(a) General Computing	SM7301
	or (b) Elements of Computer Science	SM7300

Approved Foreign Language

The following languages have been approved by the School for examination in Part I:

French	German	Russian	Spanish
Ln3800	Ln3801	Ln3802	Ln3803

12. Part II

12.1 Part II of the examination consists of eight papers as prescribed for each special subject, at least two of which must be taught outside the department responsible for the special subject. The list of special subjects appears on page 223. In special circumstances the School may permit a candidate to substitute another approved course for one of the courses listed in the regulations for the special subject concerned.

12.2 Certain papers may be examined before the final year of the Part II course. Candidates may be permitted or required* to take papers in advance of the final year provided that:

- Each candidate shall have the right to take two papers in advance.
- No candidate may be required to take more than two papers in advance.
- No fewer than four papers are taken in the final year of the Part II course.

Part-time candidates may be permitted to offer advance papers in any two years prior to the final year of the Part II course.

12.3 A Pass list will be published giving the results of each examination taken at the end of the first year of the Part II course, and candidates will be credited with any Part II paper passed.

12.4 Candidates who are unsuccessful in Part II examinations taken at the end of the first year of the Part II course may, at the discretion of the School, proceed to the Second year of the Part II course and be re-examined in the paper or papers in which they have failed.

12.5 Candidates who fail the examination for the degree may offer, at any subsequent re-examination, only those papers which they took in the second year of the Part II course, including any paper or papers in which they failed at the end of the first year of the Part II course referred to in regulation 12.4 above.

12.6 A candidate who has been referred by the Board of Examiners at Part I of the examination, and has not succeeded in passing the outstanding papers at the end of the first year of the Part II course, may be permitted by the School, in exceptional circumstances, to proceed to the second year of the Part II course when he will be required to offer the outstanding paper concurrently with his remaining Part II papers. If such a candidate subsequently fails the outstanding paper from Part I but satisfies the Examiners at Part II, he or she may be recommended for the award of a degree though the Collegiate Committee of Examiners for Part II will take the failure into account when considering their recommendation for the class of Honours, if any, to be awarded to the candidate.

12.7 The Regulations provide in some cases for a course to be examined by means of an essay. Where the regulations do not so provide, the School may, in exceptional circumstances, give permission for a candidate to offer an essay in lieu of an examination paper on a prescribed course†.

12.8 The examiners may test any candidate by means of an oral examination.

12.9 Where subjects are available at both Part I and Part II of the examination, they may be examined by separate papers and will be assessed according to the standards appropriate to the relevant Part.

12.10 Where the Regulations permit essays and reports on practical work written during the course of study to count as part of the examination either in substitution for written papers or otherwise, such essays and reports should be submitted by 1 May preceding the final examination. The School may permit reports on practical work written during the course of study to be returned to candidates.

*Candidates for special subjects VII Accounting and Finance, XI Statistics, XII Computing, XVI Geography are required to take papers at the end of the first year of the Part II course. Please see appropriate regulations.

†Where a candidate is allowed to offer work written outside the examination room, the work submitted must be his own and any quotation from the published or unpublished works of other persons must be acknowledged.

12.11 A student will not be permitted to offer as a special subject as Part II of the B.Sc. (Econ.) examination any subject which he has successfully taken as the main subject or field of another Honours degree examination.

12.12 The modern foreign languages available at Part II are French, German, Russian and Spanish, and candidates have permission to select any other language approved by the convener of the department responsible for the candidate's special subject at Part II, provided that appropriate teaching and examining arrangements can be made. No restrictions will be imposed upon a candidate who wishes to select a foreign language which is his mother tongue.

13. Supplementary Special Subjects

13.1 The School will consider an application for admission to a course of study and examination for a supplementary special subject from any person who has passed the B.Sc. (Econ.) examination under these Regulations.

13.2 Any student so admitted will normally be required to follow a course of study of not less than two academic years.

13.3 A supplementary special subject consists of not less than six papers, the selection of which must be approved by the School. The six papers will normally consist of the compulsory and optional papers prescribed for the special subject concerned. A candidate may be permitted by the School to be examined in up to three papers at the end of the first year of his two-year course.

13.4 A candidate offering a supplementary special subject may not offer a paper which he has previously offered and passed, unless it is a compulsory paper.

13.5 A candidate who enters and passes in a supplementary special subject shall be included on the Pass list as having satisfied the examiners in the special subject.

List of Special Subjects for Part II

Part II of the examination consists of eight papers as prescribed for each special subject. At least two of the eight will be on subjects taught outside the department responsible for the special subject.

The special subjects are as follows:

- I Economics, Analytical and Descriptive
- II Econometrics and Mathematical Economics
- III Monetary Economics
- IV Industry and Trade
- V International Trade and Development
- VI Economic Institutions and Planning
- VII Accounting and Finance
- VIII Economic History
- IX Government
- X Sociology
- XI Statistics
- XII Computing
- XIII International Relations
- XIV Social Anthropology
- XV International History
- XVI Environment and Planning (Geography)
- XVII Philosophy
- XVIII Government and History
- XIX Economics and Economic History
- XX Philosophy and Economics
- XXII Russian Government, History and Language
- XXIII Social Policy
- XXIV Population Studies
- XXV Industrial Relations
- XXVI Mathematics and Economics
- XXVII Social Psychology

Special Subjects

The papers prescribed for each special subject are as follows:

B.Sc. (Econ.) Part II Special Subjects

I. Economics, Analytical and Descriptive For candidates entering Part II in and after October 1986

Paper Number	Paper Title	Study Guide Number
Second Year		
*1.	(a) Economic Principles	Ec1425
	or (b) Economic Analysis	Ec1426
2.	(a) Introduction to Econometrics and Economic Statistics	Ec1430
	or (b) Principles of Econometrics	Ec1561
3.	(a) Economics of Industry	Ec1451
	or (b) Labour Economics	Ec1452
	or (c) An approved outside paper ¹	
4.	An approved outside paper	
Third Year		
5.	(a) Problems of Applied Economics	Ec1500
	or (b) Topics in Quantitative Economics	Ec1579
6.	An approved paper from the Selection List	
7.	Advanced Economic Analysis	Ec1506
8.	Public Finance	Ec1507
Selection List		
	Note: Compulsory papers are shown in parentheses. Papers marked † are approved and are normally timetabled to be available. There may be limitations on other choices because of timetabling constraints.	
	(Advanced Economic Analysis)	Ec1506
	†Economics Analysis of Law	LL5136
	†Economic Development	Ec1521
	†Economic Institutions Compared	Ec1454
	†Economics of Industry	Ec1451
	Economics of Investment and Finance	Ec1542
	†Economics of the Welfare State	Ec1543
	Elements of Accounting and Finance	Ac1000
	Elements of Management Mathematics	SM7340
	†History of Economic Thought	Ec1540
	†International Economics	Ec1520
	Introduction to Economic Policy	Ec1450
	†Labour Economics	Ec1452
	Monetary Systems	Ec1514
	†Planning	Ec1527
	†Principles of Monetary Economics	Ec1513
	(Public Finance)	Ec1507
	Selected Topics in Economics of Industry and Trade	Ec1541
	Theory of Business Decisions	Ec1453
	An approved outside paper	

¹If Paper 3 is taken in the Third Year, it may include any paper from the Selection List. Note that not more than two outside papers in total may be taken.

B.Sc. (Econ.) Part II Special Subjects

I. Economics, Analytical and Descriptive For candidates entering Part II in or before October 1985

Paper Number	Paper Title	Study Guide Number
*1.	(a) Economic Principles	Ec1425
	or (b) Economic Analysis	Ec1426
2.	(a) Problems of Applied Economics	Ec1500
	or (b) Topics in Quantitative Economics	Ec1579
3.	Advanced Economic Analysis	Ec1506
4.	Public Finance	Ec1507
5 & 6.	Two of the following	
	(a) History of Economic Thought	Ec1540
	* (b) Labour Economics	Ec1452
	* (c) Economics of Industry	Ec1451
	(d) Economics and Geography of Transport (not available 1986-87)	Ec1544
	(e) International Economics	Ec1520
	(f) Principles of Monetary Economics	Ec1513
	(g) Economic Development	Ec1521
	(h) Planning	Ec1527
	(i) Economic Institutions Compared	Ec1454
	†* (j) An approved paper taught outside the Department of Economics	
	(k) Economic Analysis of Law	LL5136
	(l) The Economics of the Welfare State	Ec1543
	(m) Any other approved paper taught in the Department of Economics	
*7.	(a) Introduction to Econometrics and Economic Statistics	Ec1430
	or (b) Principles of Econometrics	Ec1561
†*8.	An approved paper taught outside the Department of Economics	

*May be examined at the end of first year of Part II course.

†See pages 263-267

II. Econometrics and Mathematical Economics
For candidates entering Part II in and after October 1986

Paper Number	Paper Title	Study Guide Number
Second Year		
1.	Economic Analysis	Ec1426
2.	Principles of Econometrics	Ec1561
3.	(a) Elementary Mathematical Methods ¹ or (b) Mathematical Methods or (c) An approved outside paper	SM7000 SM7020
4.	(a) Elementary Statistical Theory ² or (b) Probability, Distribution Theory and Inference or (c) An approved outside paper	SM7201 SM7220
Third Year		
5.	(a) Topics in Quantitative Economics or (b) Econometric Theory or (c) Mathematical Economics ³	Ec1579 Ec1575 Ec1570
6.	(a) An approved paper from the Selection List or (b) A paper from 5 above	
7.	(a) A second approved paper from the Selection List or (b) An approved outside paper	
8.	A Project of up to 10,000 words on an approved subject in Quantitative Economics	Ec1569

Selection List

Note: Papers marked † are approved and are normally timetabled to be available. There may be limitations on other choices because of timetabling constraints.

†Advanced Economic Analysis	Ec1506
†Economics Analysis of Law	LL5136
†Economic Development	Ec1521
†Economic Institutions Compared	Ec1454
†Economics of Industry	Ec1451
Economics of Investment and Finance	Ec1452
†Economics of the Welfare State	Ec1543
Elements of Accounting and Finance	Ac1000
Elements of Management Mathematics	SM7340
†History of Economic Thought	Ec1540
†International Economics	Ec1520
†Introduction to Economic Policy	Ec1450
Labour Economics	Ec1452
†Monetary Systems	Ec1514
†Planning	Ec1527
†Principles of Monetary Economics	Ec1513
†Public Finance	Ec1507
Selected Topics in Economics of Industry and Trade	Ec1541
†Theory of Business Decisions	Ec1453
†Game Theory	SM7025

¹Only if not taken at Part I.²Must be taken if not taken at Part I.³Only if Mathematical Methods is taken under 3.

II. Econometrics and Mathematical Economics
For candidates entering Part II in or before 1985

Paper Number	Paper Title	Study Guide Number
*1.	Economic Analysis	Ec1426
*2.	Principles of Econometrics	Ec1561
3.	(a) Topics in Quantitative Economics or (b) Econometric Theory or (c) Mathematical Economics (only if <i>Mathematical Methods</i> is taken under (5))	Ec1579 Ec1575 Ec1570
4.	A Project of up to 10,000 words on an approved subject in Quantitative Economics	Ec1569
*5.	(a) Elementary Mathematical Methods (if not taken at Part I) or (b) Mathematical Methods or (c) An approved paper taught outside the Department of Economics	SM7000 SM7020
*6.	(a) Elementary Statistical Theory (which must be taken if not taken at Part I) or (b) Probability, Distribution Theory and Inference or (c) An approved paper taught outside the Department of Economics	SM7201 SM7220
7.	One of the following:	
	* (a) Introduction to Economic Policy	Ec1450
	(b) Advanced Economic Analysis	Ec1506
	(c) Public Finance	Ec1507
	(d) Monetary Systems	Ec1514
	* (e) Economic Institutions Compared	Ec1454
	* (f) Labour Economics	Ec1452
	* (g) Economics of Industry	Ec1451
	(h) Economic Development	Ec1521
	(i) Planning	Ec1527
	(j) History of Economic Thought	Ec1540
	(k) Economics and Geography of Transport (not available 1986-87)	Ec1544
	(l) The Economics of the Welfare State	Ec1543
	(m) Theory of Business Decisions	Ec1453
	(n) Game Theory	SM7025
	(o) International Economics	Ec1520
	(p) Principles of Monetary Economics	Ec1513
	(q) Economic Analysis of Law	LL5136
	(r) A paper under (3) not already taken	
	(s) Any other approved paper taught in the Department of Economics	
8.	A further approved paper taught inside or outside the Department of Economics	

*May be examined at the end of first year of Part II course.

III. Monetary Economics
For candidates entering Part II in and after October 1986

Paper Number	Paper Title	Study Guide Number
Second Year		
1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
2.	Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
3.	Introduction to Economic Policy	Ec1450
4.	An approved outside paper	
Third Year		
5.	(a) Problems of Applied Economics or (b) Topics in Quantitative Economics	Ec1500 Ec1579
6.	An approved paper from the Selection List taught in the Department of Economics	
7.	Monetary Systems	Ec1514
8.	Principles of Monetary Economics	Ec1513

Selection List

Note: Compulsory papers are shown in parentheses. Papers marked † are approved and are normally timetabled to be available. There may be limitations on other choices because of timetabling constraints.

†Advanced Economic Analysis	Ec1506
Economics Analysis of Law	LL5136
†Economic Development	Ec1521
†Economic Institutions Compared	Ec1454
†Economics of Industry	Ec1451
Economics of Investment and Finance	Ec1542
†Economics of the Welfare State	Ec1543
Elements of Accounting and Finance	Ac1000
Elements of Management Mathematics	SM7340
†History of Economic Thought	Ec1540
†International Economics	Ec1520
(Introduction to Economic Policy)	Ec1450
†Labour Economics	Ec1452
(Monetary Systems)	Ec1514
Planning	Ec1527
(Principles of Monetary Economics)	Ec1513
†Public Finance	Ec1507
Selected Topics in Economics of Industry and Trade	Ec1541
Theory of Business Decisions	Ec1453
An approved outside paper	

III. Monetary Economics
For candidates entering Part II in or before 1985

Paper Number	Paper Title	Study Guide Number
*1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
*2.	Introduction to Economic Policy	Ec1450
3.	Principles of Monetary Economics	Ec1513
4.	Monetary Systems	Ec1514
5.	(a) Problems of Applied Economics or (b) Topics in Quantitative Economics	Ec1500 Ec1579
6.	One of the following:	
(a)	Advanced Economic Analysis	Ec1506
(b)	Public Finance	Ec1507
(c)	International Economics	Ec1520
(d)	History of Economic Thought	Ec1540
(e)	Labour Economics	Ec1452
(f)	Economics of Industry	Ec1451
(g)	Economic Development	Ec1521
(h)	Economic Institutions Compared	Ec1454
(i)	Economics and Geography of Transport (<i>not available 1986-87</i>)	Ec1544
(j)	The Economics of the Welfare State	Ec1543
(k)	Any other approved paper taught in the Department of Economics	
*7.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
†*8.	An approved paper taught outside the Department of Economics	

*May be examined at the end of first year of Part II course.

†See pages 263-267

IV. Industry and Trade
For candidates entering Part II in and after October 1986

Paper Number	Paper Title	Study Guide Number
Second Year		
1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
2.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
3.	(a) Economics of Industry or (b) Theory of Business Decisions	Ec1451 Ec1453
4.	An approved outside paper	
Third Year		
5.	(a) Problems of Applied Economics or (b) Topics in Quantitative Economics	Ec1500 Ec1579
6.	An approved paper from the Selection List	
7.	A second approved paper from the Selection List	
8.	(a) Selected topics in the Economics of Industry and Trade ¹ or (b) Economics of Investment and Finance ² or (c) A paper under 3 above	Ec1541 Ec1542
Selection List		
Note: Compulsory papers are shown in parentheses. Papers marked † are approved and are normally timetabled to be available. There may be limitations on other choices because of timetabling constraints.		
†	Advanced Economic Analysis	Ec1506
†	Economics Analysis of Law	LL5136
†	Economic Development	Ec1521
†	Economic Institutions Compared	Ec1454
†	Economics and Geography of Transport	Ec1544
†	Economics of Industry	Ec1451
†	Economics of Investment and Finance	Ec1542
†	Economics of the Welfare State	Ec1543
†	Elements of Accounting and Finance	Ac1000
†	Elements of Management Mathematics	SM7340
†	History of Economic Thought	Ec1540
†	International Economics	Ec1520
†	Introduction to Economic Policy	Ec1450
†	Labour Economics	Ec1452
†	Monetary Systems	Ec1514
†	Planning	Ec1527
†	Principles of Monetary Economics	Ec1513
†	Public Finance	Ec1507
†	Selected Topics in Economics of Industry and Trade	Ec1541
†	Theory of Business Decisions	Ec1453
†	An approved outside paper ³	

¹Available to candidates who have followed the lectures and classes for course 3a above.²Available to candidates who have followed the lectures and classes for course 3b above.³Note that not more than two outside papers in total may be taken.

IV. Industry and Trade
For candidates entering Part II in or before 1985

Paper Number	Paper Title	Study Guide Number
*1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
2.	(a) Problems of Applied Economics or (b) Topics in Quantitative Economics	Ec1500 Ec1579
*3.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
4 & 5.	Two of the following: *(a) Economics of Industry *(b) Theory of Business Decisions (c) Economics of Investment and Finance ¹ (d) Selected Topics in the Economics of Industry and Trade ²	Ec1451 Ec1453 Ec1542 Ec1541
6 & 7.	Two of the following: (a) Advanced Economic Analysis (b) History of Economic Thought (c) Labour Economics (d) International Economics (e) Monetary Systems (f) Public Finance (g) Economic Development (h) A paper available under 4 and 5 if not already taken (i) Elements of Accounting and Finance (j) Economic Institutions Compared (k) Economic and Geography of Transport (<i>not available 1986-87</i>) (l) Economic Analysis of Law (m) Elements of Management Mathematics (n) The Economics of the Welfare State (o) Any other approved paper	Ec1506 Ec1540 Ec1452 Ec1520 Ec1514 Ec1507 Ec1521 Ac1000 Ec1454 Ec1544 LL5136 SM7340 Ec1543
†*8.	An approved paper taught outside the Department of Economics	

*May be examined at the end of first year of Part II course.

†See pages 263-267

¹Available to candidates who have followed the lectures and classes for 4 and 5b.²Available to candidates who have followed the lectures and classes for 4 and 5a.

V. International Trade and Development
For candidates entering Part II in and after 1986

Paper Number	Paper Title	Study Guide Number
Second Year		
1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
2.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
3.	(a) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
4.	An approved outside paper	
Third Year		
5.	(a) Problems of Applied Economics or (b) Topics in Quantitative Economics	Ec1500 Ec1579
6.	An approved paper from the Selection List	
7.	International Economics	Ec1520
8.	Economic Development	Ec1521

Selection List

Note: Compulsory papers are shown in parentheses. Papers marked † are approved and are normally timetabled to be available. There may be limitations on other choices because of timetabling constraints.

†Advanced Economic Analysis	Ec1506
†Economics Analysis of Law (Economic Development)	LL5136 Ec1521
†Economic Institutions Compared	Ec1454
†Economics of Industry	Ec1451
Economics of Investment and Finance	Ec1542
†Economics of the Welfare State	Ec1543
Elements of Accounting and Finance	Ac1000
†Elements of Management Mathematics	SM7340
†History of Economic Thought (International Economics)	Ec1540 Ec1520
†Introduction to Economic Policy	Ec1450
†Labour Economics	Ec1452
Monetary Systems	Ec1514
†Planning	Ec1527
Principles of Monetary Economics	Ec1513
†Public Finance	Ec1507
Selected Topics in Economics of Industry and Trade	Ec1541
Industry and Trade	
Theory of Business Decisions	Ec1453
An approved outside paper ¹	

¹The following outside papers are approved and are normally timetabled to be available:

†Economic History of England 1216-1603	EH1620
†Economic History of the United States of America from 1783	EH1641
†Economic and Social History of Britain from 1815	EH1630
†Latin America and the World Economy	EH1644
†Society and Economy of Early Modern Britain (not available 1986-87)	EH1626
†Elementary Mathematical Methods	SM7000
†Mathematical Methods	SM7020
†Elementary Statistical Theory	SM7201

V. International Trade and Development
For candidates entering Part II in or before 1985

Paper Number	Paper Title	Study Guide Number
*1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
2.	(a) Problems of Applied Economics or (b) Topics in Quantitative Economics	Ec1500 Ec1579
3.	International Economics	Ec1520
4.	Economic Development	Ec1521
*5.	A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
*6.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
7.	One of the following:	
	(a) Economic History of England 1216-1603	EH1620
	(b) Society and Economy of Early Modern Britain (not available 1986-87)	EH1626
	(c) Economic and Social History of Britain from 1815	EH1630
	(d) Economic History of the United States of America from 1783	EH1641
	(e) Latin America and the World Economy	EH1644
	(f) Public Finance	Ec1507
	(g) Economics of Industry	Ec1451
	(h) Advanced Economic Analysis	Ec1506
	(i) History of Economic Thought	Ec1540
	(j) Labour Economics	Ec1452
	(k) Planning	Ec1527
	(l) Economic Institutions Compared	Ec1454
	(m) Economics and Geography of Transport	Ec1544
*8.	(n) Elementary Mathematical Methods (unless taken at Part I)	SM7000
	(o) Mathematical Methods	SM7020
	(p) Elementary Statistical Theory (unless taken at Part I)	SM7201
	(q) Introduction to Economic Policy	Ec1450
	(r) Economic Analysis of Law	LL5136
	(s) The Economics of the Welfare State	Ec1543
	(t) Any other approved paper	
†*8.	An approved paper taught outside the Department of Economics	

*May be examined at the end of first year of Part II course.

†See pages 263-267

VI. Economic Institutions and Planning
For candidates entering Part II in and after 1986

Paper Number	Paper Title	Study Guide Number
Second Year		
1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
2.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
3.	Economic Institutions Compared	Ec1454
4.	An approved outside paper	
Third Year		
5.	(a) Problems of Applied Economics or (b) Topics in Quantitative Economics	Ec1500 Ec1579
6.	An approved paper from the Selection List	
7.	(a) A Comparative Study of Modern Economic Development in Russia, Japan and India or (b) A second approved paper from the Selection List	EH1643
8.	Planning	Ec1527

Selection List

Note: Compulsory papers are shown in parentheses. There may be limitations on other choices because of timetabling constraints.

Advanced Economic Analysis	Ec1506
Economics Analysis of Law	LL5136
Economic Development (Economic Institutions Compared)	Ec1521 Ec1454
Economics of Industry	Ec1451
Economics of Investment and Finance	Ec1542
Economics of the Welfare State	Ec1543
Elements of Accounting and Finance	Ac1000
Elements of Management Mathematics	SM7340
History of Economic Thought	Ec1540
International Economics	Ec1520
Introduction to Economic Policy	Ec1450
Labour Economics	Ec1452
Monetary Systems (Planning)	Ec1514 Ec1527
Principles of Monetary Economics	Ec1513
Public Finance	Ec1507
Selected Topics in Economics of Industry and Trade	Ec1541
Industry and Trade	
Theory of Business Decisions	Ec1453
An approved outside paper ¹	

¹Note that not more than two outside papers in total may be taken.

VI. Economic Institutions and Planning
For candidates entering Part II in or before 1985

Paper Number	Paper Title	Study Guide Number
*1.	(a) Economic Principles or (b) Economic Analysis	Ec1425 Ec1426
*2.	Economic Institutions Compared	Ec1454
3.	(a) Problems of Applied Economics	Ec1500
4.	Planning	Ec1527
5.	(a) A Comparative Study of Modern Economic Development in Russia, Japan and India or †(b) An Approved paper taught in the Department of Economics	EH1643
†6.	An approved paper taught inside or outside the Department of Economics	
*7.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
†*8.	An approved paper taught outside the Department of Economics	

*May be examined at the end of first year of Part II course.

†See pages 263-267

VII. Accounting and Finance

Paper Number	Paper Title	Study Guide Number
*1.	Managerial Accounting	Ac1021
2.	Financial Accounting	Ac1122
3.	Financial Decision Analysis	Ac1123
4.	Commercial Law	LL5060
*5.	(a) Economic Principles or (b) Economic Analysis	Ec1425
6.	One of the following:	
	(a) Economics of Industry	Ec1451
	(b) Theory of Business Decision	Ec1453
	(c) Monetary Systems	Ec1514
	(d) Public Finance	Ec1507
	(e) Labour Economics	Ec1452
	(f) Any other paper approved by the candidate's teachers	
*7.	Candidates who have taken Elementary Statistical Theory or Basic Statistics must choose <i>one</i> of the following:	
	(a) Operational Research Methods	SM7345
	(b) Elements of Management Mathematics	SM7340
	All other candidates must take <i>one</i> of the following:	
	(c) Elementary Statistical Theory	SM7201
	(d) Basic Statistics	SM7200
	(e) Introduction to Econometrics and Economic Statistics	Ec1430
*8.	(a) An approved paper taught outside the Department of Accounting and Finance	
	or (b) Elements of Accounting and Finance Option 8(b) is available only to a candidate who has not taken Elements of Accounting and Finance at Part I and such a candidate is required to select it and be examined in the subject at the end of the first year of Part II.	Ac1000

*May be examined at the end of first year of Part II course.

VIII. Economic History

Paper Number	Paper Title	Study Guide Number
*1,*2&*3.	Three of the following	
(a)	Economic History of England, 1216-1603 (not available 1986-87)	EH1620
(b)	Society and Economy of Early Modern England	EH1626
(c)	Economic and Social History of Britain from 1815	EH1630
(d)	Economic History of the United States of America from 1783	EH1641
(e)	Latin America and the World Economy	EH1644
(f)	A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
(g)	Modern British Business in Historical Perspective, 1900-1980	EH1660
(h)	Family and Community in Britain since 1830	EH1631
4 & 5.	Two of the following:	
(a)	Economic and Social History of England 1377-1485	EH1720
(b)	The Economy and Society of London, 1600-1800	EH1726
(c)	The Development of the International Economy, 1870-1914	EH1728
(d)	The Peopling of America	EH1727
(e)	Britain and the International Economy, 1919-1964	EH1740
(f)	Economy, Society and Politics in London, 1800-1914	EH1736
6.	An essay of not more than 10,000 words on an approved subject. (This essay is to be presented not later than 1 May in the candidate's final academic year.)	EH1799
7.	One of the following:	
(a)	A paper in Economics of Statistics	
(b)	A period of British History or International History	
* (c)	Literature and Society in Britain <i>either</i> 1830-1900 or since 1900	Ln3840/1
* (d)	The Population History of England	Pn7121
* (e)	The Demographic Transition and the Western World Today	Pn7122
* (f)	The Development of Modern Japanese Society	So5861
* (g)	Social Theory and Social Policy 1870-1914	SA5751
(h)	A paper from 1-3 not already taken	
(i)	An approved paper taught outside the Department of Economic History	
8.	An approved paper taught outside the Department of Economic History. (This paper must be in Economics or Statistics unless a paper has been taken at Part I or under 7a).	

*May be examined at the end of first year of Part II course.

IX. Government

For candidates entering Part II in and after October 1987

Paper Number	Paper Title	Study Guide Number
%*1. (a)	History of Political Thought II (if H.P.T. I not taken in Part I)	Gv3003
φ or (b)	History of Political Thought III Special Period (if H.P.T. I taken at Part I)	
	(i) Ancient	Gv3123
or	(ii) Medieval/Renaissance	Gv3124
or	(iii) Modern	Gv3125
*2. (a)	Comparative Political Analysis† (not taught in 1987-88)	Gv3046
or (b)	Comparative Political Institutions† (not taught in 1988-89)	Gv3047
*3.	One of the following:	
(a)	Political Ideas in the United Kingdom	Gv3026
(b)	Political Behaviour with Special Reference to the United Kingdom	Gv3027
(c)	Cabinet Government and the National Policy Process	Gv3028
(d)	History of British Politics in the Twentieth Century	Gv3021
(e)	History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
(f)	British Constitutional Ideas since the 1980s	Gv3029
4. (a)	Political Thought (a selected text)	Gv3130-38
or (b)	Political Philosophy	Gv3121
5,6&7.	Three of the following:	
(a)	One, two or three of the papers under papers 2 and 3 not already chosen	
or (b)	One or two of the following:	
(i)	An option under 4 not already chosen from 1(b) above	
(iii)	Political Thought: Special Topic	
(i)	The Language and Politics	Gv3126
or (ii)	Twentieth Century Political Thought	Gv3127
	(Students may choose only one subject from (iii) Political Thought: Special Topic)	
(c)	Politics and Government of a Foreign Country or Group of Countries	
(i)	France	Gv3050
(ii)	Germany	Gv3051
(iii)	U.S.A.	Gv3053
(iv)	Russia	Gv3052

*May be examined at the end of first year of Part II course.

†These courses are taught in alternate years.

%Candidates are required to be examined in Paper 1 at the end of the first year of Part II course.

φHistory of Political Thought III may be chosen only by those students who have been examined in H.P.T. I or H.P.T. II in a previous year.

IX. Government continued

For candidates entering Part II in and after October 1987

Paper Number	Paper Title	Study Guide Number
	(v) Eastern Europe	Gv3055
	(vi) Scandinavia	Gv3056
	(vii) Latin America	Gv3057
(d)	A further option from (c) above	
* (e)	Public Administration	
* (f)	Public policy: Political and Economic Aspects	Gv3056
* (g)	An approved paper taught outside the Department of Government	
8.	An approved paper taught outside the Department of Government	

*May be examined at the end of first year of Part II course.

IX. Government

For candidates entering Part II in or before October 1986

Paper Number	Paper Title	Study Guide Number
1.	Political Thought	Gv3120
*2.	(a) Comparative Political Analysis	Gv3046
	or (b) Comparative Political Institutions (not available 1986-87)	Gv3047
*3.	One of the following:	
	(a) Political Ideas in the United Kingdom	Gv3026
	(b) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	(c) Cabinet Government and the National Policy Process	Gv3028
	(d) History of British Politics in the Twentieth Century	Gv3021
	(e) History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
	(f) British Constitutional Ideas since the 1980s	Gv3029
4.	(a) Political Thought (a selected text)	Gv3130-38
	or (b) Political Philosophy	Gv3121
5,6&7.	Three of the following:	
	(a) One, two or three of the papers under papers 2, 3 or 4 not already chosen	
	or (b) Modern Political Thought: A Study of European Political Thought since 1770 (not available 1986-87)	Gv3122
	* (c) The Politics and Government of a Foreign Country or Group of Countries; to be chosen from the following:	
	(i) France	Gv3050
	(ii) Germany	Gv3051
	(iii) U.S.A. (not available 1986-87)	Gv3053
	(iv) Russia	Gv3052
	(v) Eastern Europe	Gv3055
	(vi) Scandinavia (not available 1986-87)	Gv3056
	(vii) Latin America	Gv3057
	(d) A further option from (c) above	
	* (e) Public Administration	
	* (f) Public Policy: Political and Economic Aspects (not available 1986-87)	Gv3056
8.	* (g) An approved paper taught outside the Department of Government	
	An approved paper taught outside the Department of Government	

*May be examined at the end of first year of Part II course.

X. Sociology

Paper Number	Paper Title	Study Guide Number
*1.	Issues and Methods of Social Research	So5801
*2.	Sociological Theory	So5821
3,4,5 & 6.	Four of the following:	
	* (a) Methods of Statistical Analysis (This paper is compulsory for candidates who have not passed in one of the papers III(a) or III(b) of Part I, and is not available to those who have)	SM7215
	* (b) Comparative Social Structures I	So5820
	(c) Comparative Social Structures II	So5830
	(d) Contemporary Sociological Theory (not available 1986-87)	So5989
	(e) Social and Moral Philosophy	So5810
	(f) Social Philosophy	Ph5250
	(g) The Social Structure of Modern Britain	So5809
	(h) The Social Structure of the Soviet Union	So5860
	(i) The Development of Modern Japanese Society	So5861
	(j) Social Structure and Politics in Latin America	So5862
	(k) Political Sociology	So5880
	(l) Political Processes and Social Change (not available 1986-87)	So5881
	(m) Urban Sociology	So5916
	(n) Industrial Sociology	So5917
	(o) Sociology of Religion	So5921
	(p) Sociology of Development (not available 1986-87)	So5882
	(q) Criminology	So5919
	(r) Sociology of Deviant Behaviour	So5920
	(s) Society and Literature	So5945
	(t) Sociology of Knowledge and Science	So5946
	(u) Sociology of Sex and Gender Roles: Women in Society	So5918
	(v) Race Relations and Ethnic Minority Groups	SA5754
	(w) Theories and Problems of Nationalism	So5883
	(x) The Psychoanalytic Study of Society	So5960
	(y) Sociology of Medicine	So5922
	(z) An essay of not more than 10,000 Words on an approved topic (to be presented not later than 1 May in the candidate's third academic year)	So5831
†*7 & †*8.	Two approved papers taught outside the Department of Sociology	

*May be examined at the end of first year of Part II course.

†See pages 263-267

XI. Statistics

Paper Number	Paper Title	Study Guide Number
*1.	Mathematical Methods	SM7020
*2.	Probability, Distribution Theory and Inference	SM7220
3.	Statistical Theory	SM7241
4.	Statistical Techniques and Packages	SM7240
5 & 6.	Two of the following:	
(a)	Actuarial Investigations — Statistical and Financial ¹	SM7260
(b)	Actuarial Life Contingencies	SM7261
(c)	Statistical Demography	Pn7126
(d)	Econometric Theory	Ec1575
* <i>(e)</i>	Elements of Computer Science (if not taken at Part I)	SM7300
<i>(f)</i>	Numerical and Symbolic Computing	SM7331
<i>(g)</i>	Operation Research Methods ²	SM7345
<i>(h)</i>	Model Building In Operational Research	SM7347
<i>(i)</i>	Game Theory	SM7025
* <i>(j)</i>	Introduction to Analysis and Set Theory (if not taken at Part I)	SM7002
<i>(k)</i>	Further Analysis	SM7030
<i>(l)</i>	Topology and Convexity	SM7021
<i>(m)</i>	Computing Methods	SM7320
<i>(n)</i>	Decision Analysis ³	SM7216
†*7 & †*8.	Two approved papers taught outside the Department of Statistical and Mathematical Sciences.	

*May be examined at the end of first year of Part II course.

†See pages 263-267

¹Candidates are required to be familiar with the use of calculating machines and to use them at the examination of this paper.

²Normally taken in the first part of Part II by candidates who wish to take Model Building in Operational Research in the final year.

³Prerequisites for this course are Elementary Mathematical Methods and Elementary Statistical Methods.

XII. Computing

Paper Number	Paper Title	Study Guide Number
*1.	Computing Methods	SM7320
*2.	Systems Analysis and Design	SM7322
3.	Application of Computers	SM7321
4, 5 & 6.	Three of the following:	
* <i>(a)</i>	Numerical and Symbolic Computing	SM7331
* <i>(b)</i>	Operational Research Methods ¹	SM7345
<i>(c)</i>	Model Building in Operational Research	SM7347
* <i>(d)</i>	Statistical Techniques for Management Sciences	SM7230
* <i>(e)</i>	Elements of Accounting and Finance	Ac1000
* <i>(f)</i>	Theory of Business Decisions	Ec1453
* <i>(g)</i>	Economics of Industry	Ec1451
* <i>(h)</i>	Economic Principles	Ec1425
* <i>(i)</i>	Elementary Statistical Theory (if not taken at Part I)	SM7201
* <i>(j)</i>	Elementary Mathematical Methods (if not taken at Part I)	SM7000
* <i>(k)</i>	Probability, Distribution Theory and Inference	SM7220
<i>(l)</i>	Mathematical Methods	SM7020
<i>(m)</i>	Statistical Theory (not to be taken with 4(<i>d</i>))	SM7241
<i>(n)</i>	Statistical Techniques and Packages (not to be taken with 4(<i>d</i>))	SM7240
<i>(o)</i>	Statistical Demography	Pn7126
<i>(p)</i>	Econometric Theory	Ec1575
<i>(q)</i>	Decision Analysis ²	SM7216
<i>(r)</i>	An approved Mathematics Paper	
†*7 & †*8.	Two approved papers taught outside the Department of Statistical and Mathematical Studies.	

*May be examined at the end of first year of Part II course.

†See pages 263-267

¹Normally taken in the first year of Part II by candidates who wish to take Model Building in Operational Research in the final year.

²Prerequisites for this course are Elementary Mathematical Methods and Elementary Statistical Theory.

XIII. International Relations
For candidates entering Part II in and after October 1986

Paper Number	Paper Title	Study Guide Number
1.	Foreign Policy Analysis	IR3702
2.	International History since 1914	Hy3506
*3.	International Institutions	IR3703
4.	International Politics	IR3700
*5.	Public International Law (unless already passed at Part I, or being taken as paper 8; in either case a paper from (6) shall be substituted)	LL5131
6.	One of the following:	
(a)	The Ethics of War	IR3755
(b)	European Institutions	IR3771
(c)	The International Legal Order	IR3750
(d)	The Politics of International Economic Relations	IR3752
(e)	Problems of Foreign Policy: a post 1945 case study with documents	IR3704
(f)	Strategic Aspects of International Relations	IR3754
(g)	Theories and Problems of Nationalism	So5883
(h)	Any other subject approved by the candidate's teachers within the field of International Relations	
7.	One of the following:	
(a)	International History (Special Period) to be chosen from the following:	
* (i)	Fascism and National Socialism in International Politics, 1919-1945	Hy3538
(ii)	Great Britain and the Peace Conference of 1919	Hy3559
(iii)	The Manchurian Crisis, 1931-1933	Hy3562
(iv)	The League of Nations in Decline, March 1933- December 1937 (not available 1986-87)	Hy3565
* (v)	International Economic Diplomacy in the Inter-War Period	Hy3539
* (vi)	The Reshaping of Europe, 1943-1957	Hy3540
(b)	The Politics and Government of a Foreign Country or Group of Countries, to be chosen from the following:	
(i)	France	Gv3050
(ii)	Germany	Gv3051
(iii)	U.S.A. (not available 1986-87)	Gv3053
(iv)	Russia	Gv3052
(v)	Eastern Europe	Gv3055
(vi)	Scandinavia (not available 1986-87)	Gv3056
(vii)	Latin America	Gv3057
(c)	One further paper from (6) not already chosen	
* (d)	An approved paper taught outside the Department of International Relations	

*May be examined at the end of first year of Part II course.

XIII. International Relations continued
For candidates entering Part II in and after October 1986

Paper Number	Paper Title	Study Guide Number
*8.	An approved paper taught outside the Department of International Relations	
Essay Option:	As an alternative to any one of papers 6, 7 or 8, a candidate may submit an Essay of not more than 10,000 words to be written during the course of study on a subject to be approved by the candidate's Tutor and by the department teaching the subject concerned	IR3799

*May be examined at the end of first year of Part II course.

XIII. International Relations
For candidates entering Part II in of before October 1985

Paper Number	Paper Title	Study Guide Number
1.	International History since 1914	Hy3506
2.	International Politics	IR3700
3.	Foreign Policy Analysis	IR3702
*4.	International Institutions	IR3703
5 & 6.	Two of the following save that all candidates who have not taken Public International Law at Part I and are not taking it under papers 7 & 8 must choose option (a):	
*(a)	Public International Law (unless taken at Part I or under papers 7 & 8)	LL5131
(b)	The International Legal Order	IR3750
(c)	The Ethics of War	IR3755
(d)	The Politics of International Economic Relations	IR3752
(e)	Strategic Aspects of International Relations	IR3754
(f)	International History (Special Period) chosen from the following:	
*(i)	Fascism and National Socialism in International Politics, 1919-1945	Hy3538
(ii)	Great Britain and the Peace Conference of 1919	Hy3559
(iii)	The Manchurian Crisis, 1931-1933	Hy3562
(iv)	The League of Nations in Decline, March 1933-December 1937 (not available 1986-87)	Hy3565
(g)	Theories and Problems of Nationalism	So5883
(h)	Problems of Foreign Policy	IR3704
(i)	European Institutions	IR3771
(j)	Any other subject approved by the candidate's teachers within the field of International Relations	
*7 & 8.	Two approved papers taught outside the Department of International Relations	
	As an alternative to any one of papers 5, 6, 7 and 8, and always provided that the Public International Law requirement stipulated above is being fulfilled, a candidate may submit an essay of not more than 10,000 words to be written during the course of study on a subject to be approved by the candidate's Tutor and by the department teaching the subject concerned.	IR3799

*May be examined at the end of first year of Part II course.

XIV. Social Anthropology

Paper Number	Paper Title	Study Guide Number
*1.	Kinship, Sex and Gender	An1220
*2.	Political and Economic Anthropology	An1222
3.	The Anthropology of Religion	An1302
4.	Advanced Theory of Social Anthropology	An1300
5.	Topics in Social Anthropology	An1334
*6.	One of the following:	
(a)	Economic Principles	Ec1425
(b)	The U.K. Economy: Problems and Policy	Ec1420
(c)	Sociological Theory	So5821
(d)	Demographic Description and Analysis	Pn7120
(e)	Introduction to Logic (unless taken at Part I)	Ph5200
(f)	Introduction to Scientific Method (unless taken at Part I)	Ph5210
(g)	An approved paper in Psychology	
(h)	Third World Demography	Pn7123
7 & 8.	Two of the following:	
(a)	Social Aspects of Political and Economic Development (not available 1986-87)	An1330
(b)	An essay of not more than 10,000 words to be written during the course of study on an approved subject	An1397
(c)	Further Topics in Social Anthropology	An1335
* (d)	Either one or two approved papers taught outside the Department of Anthropology	

*May be examined at the end of first year of Part II course.

XV. International History

Paper Number	Paper Title	Study Guide Number
*1.	International History, 1494-1815	Hy3500
*2.	International History, 1815-1914	Hy3503
3.	International History since 1914	Hy3506
4.	One of the following:	
	(a) The Habsburg Monarchy and the Revolutions of 1848	Hy3550
	(b) The Great Powers and the Balkans, 1908-1914	Hy3556
	(c) Great Britain and the Peace Conference of 1919	Hy3559
	(d) The Manchurian Crisis, 1931-1933	Hy3562
	(e) The League of Nations in Decline, March 1933-December 1937 (not available 1986-87)	Hy3565
5, 6 & 7.	Three of the following, not more than one from any one group	
I	* (a) Rebellion and International Strife: Philip II and the North c. 1559-1598	Hy3566
	(b) War and Society, 1600-1815	Hy3520
II	(a) Revolution, Civil War and Intervention in the Iberian Peninsula, 1808-1854 (not available 1986-87)	Hy3523
	(b) British-American-Russian Relations, 1815-1914	Hy3526
III	* (a) Fascism and National Socialism in International Politics, 1919-1945	Hy3538
	* (b) International Economic Diplomacy in the Inter-war Period	Hy3539
	(c) The Reshaping of Europe, 1943-1957	Hy3540
IV	* (a) English History, 1399-1603	Hy3423
	* (b) British History, 1603-1760	Hy3429
	* (c) British History, 1760-1914	Hy3432
	* (d) The History of British Politics in the Twentieth Century	Gv3021
	* (e) The History of Russia, 1682-1917	Hy3545
	* (f) Society and Economy of Early Modern England (not available 1986-87)	EH1626
	* (g) Economic and Social History of Britain from 1815	EH1630
	* (h) Economic History of the United States of America from 1783	EH1641
	* (i) Latin America and the World Economy	EH1644
	* (j) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
8.	An approved paper taught outside the Department of History.	

*May be examined at the end of first year of Part II course.

XVI. Environment and Planning (Geography)

Paper Number	Paper Title	Study Guide Number
*1.	Man and His Physical Environment	Gy1808
*2.	(a) The Location of Economic Activity	Gy1824
	or (b) Social Geography: Spatial Change and Social Process	Gy1821
*3.	Urban and Regional Planning	Gy1926
4.	Resource and Environmental Management	Gy1943
5 & 6.	Two of the following:	
	* (a) The Location of Economic Activity (if not taken under 2)	Gy1824
	* (b) Social Geography: Spatial Change and Social Process (if not taken under 2)	Gy1821
	(c) Spatial Aspects of Economic Development	Gy1920
	(d) Urban Change and Regional Development	Gy1935
	(e) Transport: Environment and Planning	Gy1942
	* (f) Geography of Rural Development	Gy1922
	(g) Another approved paper in the field of Environment and Planning	
*7 & *8.	Two of the following:	
	(a) (i) Economic Principles	Ec1425
	or (ii) The U.K. Economy: Problems and Policy	Ec1420
	(b) Another approved paper in Economics	
	(c) An approved paper in Economic History	
	(d) Public Policy: Political and Economic Aspects (not available 1986-87)	Gv3036
	(e) Public Administration	Gv3035
	(f) The Social Structure of Modern Britain	So5809
	(g) A further approved paper taught outside the Department of Geography	

*May be examined at the end of first year of Part II course.

XVII. Philosophy

Paper Number	Paper Title	Study Guide Number
*1.	Scientific Method	Ph5230
2.	History of Modern Philosophy, Bacon to Kant	Ph5300
3.	(a) Logic (if Introduction to Mathematical Logic not already taken)	Ph5220
	or (b) Mathematical Logic	Ph5221
4.	Epistemology and Metaphysics	Ph5310
*5.	(a) Social Philosophy	Ph5250
	or (b) Theories of Probability	Ph5223
6.	* (a) The Rise of Modern Science, Copernicus to Newton	Ph5240
	or (b) An essay written during the course of study	Ph5398
	or (c) An essay written under examination conditions	Ph5399
7.	One of the following:	
	(a) An essay written during the course of study (unless taken under 6)	Ph5398
	(b) An essay written under examination conditions (unless taken under 6)	Ph5399
	(c) Political Philosophy	Gv3121
	* (d) Introduction to Social Anthropology	An1200
	(e) An approved economics paper	
	(f) The History of European Ideas since 1700	Hy3406
	(g) An approved Modern foreign language	
	* (h) Elementary Linguistics	Ln3810
	* (i) Introduction to Individual and Social Psychology	Ps5400
	* (j) An approved mathematics paper	
	* (k) Elementary Statistical Theory	SM7201
	* (l) Any other approved paper taught outside the Department of Philosophy	
8.	An approved paper taught outside the Department of Philosophy	

*May be examined at the end of first year of Part II course.

XVIII. Government and History
For candidates entering Part II in and after October 1987

Paper Number	Paper Title	Study Guide Number
A Government		
%1.	(a) History of Political Thought II (if H.P.T. I not taken in Part I)	Gv3003
φ	or (b) History of Political Thought III Special Period (if H.P.T. I taken at Part I)	
	(i) Ancient	Gv3123
	or (ii) Medieval/Renaissance	Gv3124
	or (iii) Modern	Gv3125
*2.	One of the following:	
	(a) Comparative Political Analysis†	Gv3046
	(not taught in 1987-88)	
	or (b) Comparative Political Institutions†	Gv3047
	(not taught in 1988-89)	
	(c) Political Ideas in the United Kingdom	Gv3026
	(d) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	(e) Cabinet Government and the National Policy Process	Gv3028
	(f) History of British Politics in the Twentieth Century	Gv3021
	(g) History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
	(h) British Constitutional Ideas since the 1880's	Gv3029
3.	Either one paper from paper 2 not already chosen or one of the following:	
	(a) Political Thought (a selected text)	Gv3130-38
	(b) Political Philosophy	Gv3121
	* (c) The Politics and Government of a Foreign Country or Group of Countries	
	(i) France	Gv3050
	(ii) Germany	Gv3051
	(iii) U.S.A. (not available 1986-87)	Gv3053
	(iv) Russia	Gv3052
	(v) Eastern Europe	Gv3055
	(vi) Scandinavia (not available 1986-87)	Gv3056
	(vii) Latin America	Gv3057
	* (d) Public Administration	Gv3035
	* (e) Public Policy: Political and Economic Aspects	Gv3036

*May be examined at the end of first year of Part II course.

†These courses are taught in alternate years.

%Candidates are required to be examined in Paper 1 at the end of the first year of Part II course.

φHistory of Political Thought III may be chosen only by those students who have been examined in H.P.T. I or H.P.T. II in a previous year.

XVIII. Government and History continued
For candidates entering Part II in and after October 1987

Paper Number	Paper Title	Study Guide Number
B History		
*4 & *5.	Two of the following:	
(a)	English History, 1399-1603	Hy3423
(b)	British History, 1603-1760 (this paper may not be taken by candidates who have chosen 2(g) above)	Hy3429
(c)	British History, 1760-1914 (this paper may not be taken by candidates who have chosen 2(g) above)	Hy3432
(d)	European History, 1600-1789	Hy3459
(e)	(i) European History, 1789-1945 (not available if Political History was taken at Part I)	Hy3462
or	(ii) World History since 1890 (if not taken at Part I)	Hy3403
6.	One of the following:	
(a)	Rebellion and International Strife: Philip II and the North c. 1559-1598	Hy3566
(b)	War and Society, 1600-1815	Hy3520
(c)	Revolution, Civil War, and Intervention in the Iberian Peninsula, 1808-1854 (not available 1986-87)	Hy3523
(d)	British-America-Russian Relations, 1815-1914	Hy3526
* (e)	International Economic Diplomacy in the Inter-War Period	Hy3539
* (f)	Fascism and National Socialism in International Politics, 1919-1945	Hy3538
* (g)	The Reshaping of Europe, 1943-1957	Hy3540
(h)	Economic History of the USA from 1783	EH1641
7 & 8.	Two approved papers from the following:	
(a)	(i) One paper from papers 2 or 3 if not already chosen	
or	(ii) An option, or further option, not already chosen from 1(b) above	
or	(iii) Political Thought: Special Topic	
	(i) The Language and Politics	Gv3126
	(ii) Twentieth Century Political Thought	Gv3127
(b)	One paper from paper 6 if not already chosen	
(c)	(i) The Habsburg Monarchy and the Revolutions of 1848	Hy3550
	(ii) The Great Powers and the Balkans, 1908-1914	Hy3556
	(iii) Great Britain and the Peace Conference of 1919	Hy3559
	(iv) The Manchurian Crisis, 1931-1933	Hy3562
	(v) The League of Nations in Decline, March 1933-December 1937 (not available 1986-87)	Hy3565
(d)	An approved paper taught in another department	

*May be examined at the end of first year of Part II course.

XVIII. Government and History
For candidates entering Part II in or before October 1986

Paper Number	Paper Title	Study Guide Number
A Government		
1.	(a) Political Thought	Gv3120
	or (b) Political Philosophy	Gv3121
2.	One of the following:	
	* (a) Comparative Political Analysis	Gv3046
	or (b) Comparative Political Institutions (not available 1986-87)	Gv3047
	* (c) Political Ideas in the United Kingdom	Gv3026
	* (d) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	* (e) Cabinet Government and the National Policy Process	Gv3028
	* (f) History of British Politics in the Twentieth Century	Gv3021
	* (g) History of British Politics from the Seventeenth to the Twentieth Century	Gv3020
	* (h) British Constitutional Ideas since the 1880's	Gv3029
3.	Either one paper from papers 1 or 2 if not already chosen or one of the following:	
	(a) Political Thought (a selected text)	Gv3130-38
	(b) Modern Political Thought: a Study of European Political Thought since 1770	Gv3122
	* (c) The Politics and Government of a Foreign Country or Group of Countries	
	(i) France	Gv3050
	(ii) Germany	Gv3051
	(iii) U.S.A. (not available 1986-87)	Gv3053
	(iv) Russia	Gv3052
	(v) Eastern Europe	Gv3055
	(vi) Scandinavia (not available 1986-87)	Gv3056
	(vii) Latin America	Gv3057
	* (d) Public Administration	Gv3035
	* (e) Public Policy: Political and Economic Aspects (not available 1986-87)	Gv3036
B History		
*4 & *5.	Two of the following:	
(a)	English History, 1399-1603	Hy3423
(b)	British History, 1603-1760 (this paper may not be taken by candidates who have chosen 2(g) above)	Hy3429
(c)	British History, 1760-1914 (this paper may not be taken by candidates who have chosen 2(g) above)	Hy3432
(d)	European History, 1600-1789	Hy3459
(e)	(i) European History, 1789-1945 (not available if Political History was taken at Part I)	Hy3462
or	(ii) World History since 1890 (if not taken at Part I)	Hy3403
6.	One of the following:	
(a)	Rebellion and International Strife: Philip II and the North c. 1559-1598	Hy3566

*May be examined at the end of first year of Part II course.

XVIII. Government and History continued
For candidates entering Part II in or before October 1986

Paper Number	Paper Title	Study Guide Number
(b)	War and Society, 1600-1815	Hy3520
(c)	Revolution, Civil War, and Intervention in the Iberian Peninsula, 1808-1854 (<i>not available 1986-87</i>)	Hy3523
(d)	British-America-Russian Relations, 1815-1914	Hy3526
(e)	International Economic Diplomacy in the Inter-War Period	Hy3539
* (f)	Fascism and National Socialism in International Politics, 1919-1945	Hy3538
* (g)	The Reshaping of Europe, 1943-1957	Hy3540
(h)	Economic History of the USA from 1783	EH1641
7 & 8.	Two approved papers from the following:	
(a)	One paper from papers 1, 2 or 3 if not already chosen	
(b)	One paper from paper 6 if not already chosen	
(c)	(i) The Habsburg Monarchy and the Revolutions of 1848 (ii) The Great Powers and the Balkans, 1908-1914 (iii) Great Britain and the Peace Conference of 1919 (iv) The Manchurian Crisis, 1931-1933 (v) The League of Nations in Decline, March 1933-December 1937 (<i>not available 1986-87</i>)	Hy3550 Hy3556 Hy3559 Hy3562 Hy3565
(d)	An approved paper taught in another department	

*May be examined at the end of first year of Part II course.

XIX. Economics and Economic History

Paper Number	Paper Title	Study Guide Number
*1.	Economic Principles	Ec1425
*2.	(a) Introduction to Econometrics and Economic Statistics or (b) Principles of Econometrics	Ec1430 Ec1561
*3.	(a) Society and Economy of Early Modern England (<i>not available 1986-87</i>) or (b) Economic and Social History of Britain from 1815	EH1626 EH1630
*4.	One of the following: (Candidates entering Part II in 1986 should take this paper in 1987-88)	
	(a) Economic History of the U.S.A. from 1783	EH1641
	(b) Latin America and the World Economy	EH1644
	(c) A Comparative Study of Modern Economic Development in Russia, India and Japan	EH1643
5.	Problems of Applied Economics	Ec1500
6.	Britain and the International Economy, 1919-1964 (This paper must be taken in 1986-87 as it will not be offered in 1987-88)	EH1740
7.	One of the following: (a) History of Economic Thought (b) Economic Development * (c) Labour Economics (d) Principles of Monetary Economics (e) International Economics * (f) Economics of Industry	Ec1540 Ec1521 Ec1452 Ec1513 Ec1520 Ec1451
8.	Problems in Quantitative Economic History (This paper will be taught over two years; and will be examined by an essay of not more than 10,000 words.)	EH1750

*May be examined at the end of first year of Part II course.

XX. Philosophy and Economics

Paper Number	Paper Title	Study Guide Number
*1.	Scientific Method	Ph5230
2.	History of Modern Philosophy	Ph5300
3.	One of the following:	
	(a) Social Philosophy	Ph5250
	(b) Mathematical Logic	Ph5221
	(c) Logic (if Introduction to Mathematical Logic not already taken)	Ph5220
	(d) Theories of Probability	Ph5223
*4.	Economic Principles	Ec1425
5.	(a) Problems of Applied Economics	Ec1500
	or *(b) Introduction to Economic Policy	Ec1450
6.	(a) History of Economic Thought	Ec1540
	or †(b) with the approval of the teachers concerned, another approved paper in Economics	
*7.	Introduction to Econometrics and Economic Statistics	Ec1430
8.	Philosophy of Economics	Ph5320

*May be examined at the end of first year of Part II course.

†See pages 263-267

XXII. Russian Government, History and Language

Paper Number	Paper Title	Study Guide Number
*1.	(a) Comparative Political Analysis (not available 1987-88)	Gv3046
	or (b) Comparative Political Institutions (not available 1986-87)	Gv3047
2.	The Politics and Government of Russia	Gv3052
*3.	(a) International History, 1815-1914	Hy3503
	or (b) International History since 1914	Hy3506
4.	The History of Russia, 1682-1917	Hy3545
5.	Russian Language	Ln3940
6.	(a) Aspects of Russian Literature and Society	Ln3941
	or (b) Report on a Subject within the Field of Russian Studies	Ln3942
7 & 8.	Two of the following:	
	(a) International Communism (not available 1986-87)	IR3770
	*(b) Geography of the Soviet Union	Gy1879
	(c) Soviet Economic Structure	Ec1548
	(d) British-American-Russian Relations, 1815-1914	Hy3526
	*(e) The Social Structure of the Soviet Union	So5860
	(f) A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
	*(g) Any other approved subject within the B.Sc. (Econ.) Part II	

*May be examined at the end of first year of Part II course.

XXIII. Social Policy

Note: Candidates who have not taken Basic Statistics or Elementary Statistical Theory at Part I are required to take one of these subjects or Methods of Social Investigation under papers 7 or 8.

Paper Number	Paper Title	Study Guide Number
*1.	Social Administration	SA5620
2.	Social Policy	SA5720
*3 & 4.	Two of the following:	
	(a) Educational Policy and Administration	SA5730
	(b) Personal Social Services	SA5731
	(c) Housing and Urban Structure	SA5732
	(d) Health Policy and Administration	SA5733
	(e) Race Relations and Ethnic Minority Groups	SA5754
	(f) Sociology of Deviance and Control	SA5734
	(g) Social Security Policy	SA5735
	(h) The Finance of the Social Services (<i>not available 1986-87</i>)	SA5755
	(i) Psychology and Social Policy	SA5753
5.	One of the following:	
	* (a) The Social Structure of Modern Britain	So5809
	(b) (i) Sociological Theory	So5821
	(ii) Social and Political Theory	SA5725
	(c) Comparative Social Structures II: Industrial Societies	So5830
	(d) Social Structure and Social Policy	SA5623
6.	One of the following:	
	* (a) Political Ideas in the United Kingdom	Gv3026
	(b) Political Philosophy	Gv3121
	* (c) Public Administration	Gv3035
	* (d) Political Behaviour with Special Reference to the United Kingdom	Gv3027
	* (e) Cabinet Government and the National Policy Process	Gv3028
7.	One of the following:	
	* (a) The U.K. Economy: Problems and Policy	Ec1420
	* (b) Economic Principles	Ec1425
	* (c) Introduction to Economic Policy	Ec1450
	* (d) Introduction to Econometrics and Economic Statistics	Ec1430
	* (e) The Economic History of Great Britain and the U.S.A. 1850-1939 (<i>unless taken at Part I</i>)	EH1600
	* (f) Economic and Social History of Britain from 1815	EH1630
	* (g) Methods of Social Investigation	SA5622
	(h) Demographic Description and Analysis	Pn7120
	(i) Statistical Techniques and Packages	SM7240
†*8.	An approved paper taught outside the Department of Social Science and Administration	

*May be examined at the end of first year of Part II course.

†See pages 263-267

XXIV. Population Studies

Paper Number	Paper Title	Study Guide Number
*1.	Demographic Description and Analysis	Pn7120
*2.	Applied Population Analysis	Pn7127
3 & 4.	Two of the following:	
	* (a) The Population History of England	Pn7121
	* (b) The Demographic Transition and the Western World Today	Pn7122
	(c) Third World Demography	Pn7123
	(d) Migration	Pn7124
	(e) Family Composition in Developed and Developing Countries	Pn7125
	* (f) Statistical Demography (students taking this paper will be expected to have taken Elementary Mathematical Methods or Basic Mathematics for Economists)	Pn7126
5,6,7 & 8.	Four of the following, including <i>one</i> from (i) or (j) if none of these papers was taken at Part I. A candidate who has taken <i>one</i> of the papers under (i) at Part I may take a paper under (j) at Part II and vice versa	
	(a) One paper from 3 and 4 above if not already chosen	
	* (b) (i) The U.K. Economy: Problems and Policy	Ec1420
	or (ii) Economic Principles	Ec1425
	* (c) The Social Structure of Modern Britain	So5809
	* (d) Social Policy	SA5720
	* (e) Kinship, Sex and Gender	An1220
	* (f) Economic and Social History of Britain from 1815	EH1630
	* (g) Methods in Geographical Analysis	Gy1816
	* (h) General Computing	SM7301
	* (i) (i) Elementary Statistical Theory	SM7201
	or (ii) Basic Statistics	SM7200
	* (j) (i) Elementary Mathematical Methods	SM7000
	or (ii) Basic Mathematics for Economists	Ec1415
	* (k) One or two other approved papers	

*May be examined at the end of first year of Part II course.

XXV. Industrial Relations

Paper Number	Paper Title	Study Guide Number
*1.	Industrial Relations	Id3220
2.	Selected Topics in Industrial Relations	Id3320
*3.	Elements of Labour Law	LL5062
4.	Industrial Sociology	So5917
5,6,7 & 8.	Four of the following:	
* <i>(a)</i>	(i) Labour Economics	Ec1452
or	(ii) The Economics of the Labour Market	Id3222
* <i>(b)</i>	Economic Principles	Ec1425
* <i>(c)</i>	Introduction to Econometrics and Economics Statistics	Ec1430
* <i>(d)</i>	History of British Politics in the 20th Century	Gv3021
* <i>(e)</i>	Political Sociology	So5880
* <i>(f)</i>	Organisation Theory and Practice	Id3221
* <i>(g)</i>	Economic and Social History of Britain from 1815	EH1630
* <i>(h)</i>	Modern British Business in Historical Perspective 1900-1980	EH1660
<i>(i)</i>	Development of Modern Japanese Society	So5861
<i>(j)</i>	An essay of not more than 10,000 words on an approved topic (to be presented not later than 1 May in the candidate's third academic year)	Id3399
<i>(k & l)</i>	Two approved papers taught outside the Department of Industrial Relations.	—

*May be examined at the end of first year of Part II course.

XXVI. Mathematics and Economics

Paper Number	Paper Title	Study Guide Number
1.	Economic Analysis	Ec1426
2.	Topology and Convexity	SM7021
3.	One of the following:	
	<i>(a)</i> Further Analysis	SM7030
	<i>(b)</i> Introduction to Algebra (if not taken at part I)	SM7001
	<i>(c)</i> Elementary Statistical Theory (if not taken at part I)	SM7201
	<i>(d)</i> Probability, Distribution Theory and Inference	SM7220
4.	One of the following:	
	<i>(a)</i> Labour Economics	Ec1452
	<i>(b)</i> Economics of Industry	Ec1451
	<i>(c)</i> Theory of Business Decisions	Ec1453
	<i>(d)</i> Principles of Econometrics	Ec1561
5.	Mathematical Economics	Ec1570
6.	<i>(a)</i> Measure, Probability and Integration ¹	SM7061
or	<i>(b)</i> Further Analysis (if not already taken)	SM7030
7 & 8.	Two of the following:	
	<i>(a)</i> Advanced Economic Analysis	Ec1506
	<i>(b)</i> Game Theory	SM7025
	<i>(c)</i> History of Economic Thought	Ec1540
	<i>(d)</i> Economics of Investment and Finance ²	Ec1542
	<i>(e)</i> Principles of Monetary Economics	Ec1513
	<i>(f)</i> Problems of Applied Economics	Ec1500
	<i>(g)</i> International Economics	Ec1520
† <i>(h)</i>	Any other approved paper	—

*May be examined at the end of first year of Part II course.

†See pages 263-267

¹Only if 3(a) taken.

²Students will normally be expected to have followed the lectures and classes for 4 (c).

XXVII. Social Psychology

Paper Number	Paper Title	Study Guide Number
*1.	Social and Biological Processes in Behaviour	Ps5404
*2.	Social Psychology	Ps5423
*3.	Cognitive Science	Ps5424
*4.	Methods of Psychological Research II	Ps5420
5.	Advanced Psychological Processes	Ps5501
6.	One paper = Two linked options selected from the following combinations:	
	(a) Cognitive Development	Ps5521
	and Applied Developmental Psychology	Ps5526
	(b) Personality and Psychopathology	Ps5524
	and Personality and Social Pathology	Ps5528
	(c) Collective Psychologies	Ps5523
	and Sociological Forms of Social Psychology	Ps5532
	(d) Social Psychology of Health	Ps5525
	and Life-Span Development	Ps5527
	(e) Other available combinations	
7.	(i) Another paper from (6) above	
	or (ii) An approved paper outside the Department	
8.	An approved paper outside the Department	

It is recommended that papers 1, 2, 3 and 4 should normally be taken in year II and papers 5, 6, 7 and 8 in year III

Note: In the case of candidates who are judged to lack the necessary background in quantitative methods to achieve success in Methods of Psychological Research II, the Department reserves the right to require that the candidate takes a basic course in Statistics as one of the approved papers under (7) and (8).

*May be examined at the end of first year of Part II course.

Part II Subjects Taught "Outside the Department"

The following subjects are available in Part II as "papers taught outside the Department" i.e. papers listed as paper 7 or 8 and marked † in the regulations for Special Subjects in the preceding pages.

Selection of subjects should be made by students under the guidance of their Tutors. A subject taken at Part I may not be taken again in Part II.

Unless otherwise noted, all subjects are available to second and third year students, subject to timetabling constraints.

Title	Study Guide Number
Accounting	
Elements of Accounting and Finance	Ac1000
Managerial Accounting	Ac1021
Anthropology	
Introduction to Social Anthropology	An1200
Social Aspects of Political and Economic Development (not available 1986-87)	An1330
Kinship, Sex and Gender	An1220
The Anthropology of Religion (3rd-year course)	An1302
Economic History	
The Economic History of Great Britain and the U.S.A. 1850-1939	EH1600
A Comparative Study of Modern Economic Development in Russia, Japan and India	EH1643
Economic History of England 1216-1603	EH1620
Society and Economy of Early Modern England (not available 1986-87)	EH1626
Economic and Social History of Britain from 1815	EH1630
Economic History of the U.S.A. from 1783	EH1641
Latin America and the World Economy	EH1644
Britain and the International Economy 1919-1964 (3rd-year course)	EH1740
Modern British Business in Historical Perspective 1900-1980	EH1660
Family and Community in Britain since 1830	EH1631
Economics	
Economics A1	Ec1401
Economics A2	Ec1400
Economics B	Ec1403
Economics C	Ec1408
Basic Mathematics for Economists	Ec1415
The U.K. Economy: Problems and Policy	Ec1420
Economic Principles	Ec1425
Labour Economics	Ec1452
Economic Analysis	Ec1426
History of Economic Thought (3rd-year course)	Ec1540
Economics of Industry	Ec1451
Introduction to Economic Policy	Ec1450
Economic Institutions Compared	Ec1454
The Economics of the Welfare State (3rd-year course)	Ec1543
Principles of Econometrics	Ec1561

Title	Study Guide Number
Geography	
Geographical Perspectives on Modern Society	Gy1801
Methods in Geographical Analysis	Gy1816
The Location of Economic Activity	Gy1824
Urban Geography	Gy1822
Man and his Physical Environment	Gy1808
Historical Geography of the British Isles	Gy1829
Advanced Methods in Geographical Analysis	Gy1857
An approved Regional Study:	
British Isles	Gy1876
Europe	Gy1877
Soviet Union	Gy1878
North America II	Gy1887
Spatial Aspects of Economic Development (3rd-year course)	Gy1920
Social Geography: Spatial Change and Social Process	Gy1821
Resource and Environmental Management (by permission only)	Gy1943
Government	
Modern Politics and Government with Special Reference to Britain	Gv3010
Public Policy: Political and Economic Aspects (<i>not available 1986-87</i>)	Gv3036
Public Administration	Gv3035
Political Thought (a selected text) (3rd-year course)	Gv3130-3138
Political Philosophy	Gv3121
Politics and Government of an approved foreign country:	
U.S.A. (<i>not available 1986-87</i>)	Gv3053
Russia	Gv3052
Germany	Gv3051
France	Gv3050
Eastern Europe	Gv3055
Scandinavia (<i>not available 1986-87</i>)	Gv3056
Latin America	Gv3057
History of British Politics from the 17th to the 20th Century	Gv3020
History of British Politics in the 20th Century	Gv3021
Comparative Political Institutions (<i>not available 1986-87</i>)	Gv3047
Political Ideas in the United Kingdom	Gv3026
Political Behaviour with Special Reference to the United Kingdom	Gv3027
Cabinet Government and the National Policy Process	Gv3028
Comparative Political Analysis	Gv3046
Industrial Relations	
Industrial Relations	Id3220
The Economics of the Labour Market (<i>not available as an outside option to students in special subjects I-VI. May not be combined with Labour Economics Ec1452</i>)	Id3222
International History	
Political History 1789-1941	Hy3400
World History since 1890	Hy3403
The History of European Ideas since 1700	Hy3406
International History 1494-1815	Hy3500

Title	Study Guide Number
International History 1815-1914	Hy3503
International History since 1914	Hy3506
Fascism and National Socialism in International Politics 1919-1945	Hy3538
War and Society 1600-1815	Hy3520
Rebellion and International Strife: Philip II and the North c. 1559-1598	Hy3566
<i>Non-specialists may choose any other paper offered by the Department, provided permission is obtained from the teacher concerned.</i>	
International Relations	
International Politics (two-year course)	IR3700
International Institutions	IR3703
Foreign Policy Analysis (two-year course)	IR3702
The Ethics of War (3rd-year course)	IR3755
The Politics of International Economic Relations (3rd-year course)	IR3752
Strategic Aspects of International Relations (3rd-year course)	IR3754
The International Legal Order (3rd-year course)	IR3750
European Institutions	IR3771
Language Studies	
One of the following languages:	
French	Ln3820
German	Ln3821
Russian	Ln3822
Spanish	Ln3833
Elementary Linguistics	Ln3810
Language, Mind and Society	Ln3831
Literature and Society in Britain (i) 1830-1900	Ln3840
Literature and Society in Britain (ii) 1900 Present Day (<i>not available 1986-87</i>)	Ln3841
Law	
Public International Law	LL5131
English Legal Institutions	LL5020
Elements of Labour Law	LL5062
Commercial Law	LL5060
Women and the Law	LL5135
Legislation (Essay)	LL5116
Basic Principles of the Soviet and Yugoslav Legal Systems	LL5134
Legal and Social Change since 1750	LL5137
Philosophy	
Introduction to Logic	Ph5200
Introduction to Scientific Method	Ph5210
The Rise of Modern Science: Copernicus to Newton	Ph5240
Mathematical Logic	Ph5221
History of Modern Philosophy (two-year course)	Ph5300
Scientific Method	Ph5230
Social Philosophy	Ph5250
Introduction to Mathematical Logic	Ph5201

Title

Study Guide
Number**Population Studies**

Population, Economy and Society	Pn7100
Demographic Description and Analysis	Pn7120
The Population History of England	Pn7121
The Demographic Transition and the Western World Today	Pn7122
Third World Demography	Pn7123
Migration	Pn7124
Family Composition in Developed and Developing Countries	Pn7125
Statistical Demography	Pn7126
Applied Population Analysis	Pn7127

Social Psychology

Introduction to Individual and Social Psychology	Ps5400
Social Psychology (Prerequisite Ps5400)	Ps5423
Cognitive Science (Prerequisite Ps5400)	Ps5424
Collective Psychologies and Sociological Forms of Social Psychology (Prerequisite Ps5400)	and Ps5532

Social Administration

Introduction to Social Policy	SA5600
Social Administration	SA5620
Social Policy	SA5720
Sociology of Deviance and Control	SA5734
Educational Policy and Administration	SA5730
Personal Social Services	SA5731
Housing and Urban Structure	SA5732
Health Policy and Administration	SA5733
Race Relations and Ethnic Minority Groups	SA5754
Social Security Policy (<i>not available 1986-87</i>)	SA5735

Sociology

Principles of Sociology	So5802
Social and Moral Philosophy	So5810
The Social Structure of Modern Britain	So5809
Comparative Social Structures I: Complex Pre-Industrial Societies	So5820
Political Sociology	So5880
Sociological Theory	So5821
Sociology of Sex and Gender Roles: Women in Society (<i>not available 1986-87</i>)	So5918
Comparative Social Structures II: Industrial Societies	So5830
Urban Sociology	So5916
Criminology	So5919
Theories and Problems of Nationalism	So5883
Sociology of Development (<i>not available 1986-87</i>)	So5822
Sociology of Deviant Behaviour	So5920
Sociology of Religion	So5921
Sociology of Medicine	So5922

Non-specialists may choose any other paper offered by the Department subject to the candidate having taken the appropriate prerequisite (please see Study Guides).

Title

Study Guide
Number**Statistical and Mathematical Sciences**

Elementary Mathematical Methods	SM7000
Elementary Statistical Theory	SM7201
Basic Statistics	SM7200
Introduction to Analysis and Set Theory	SM7002
Topology and Convexity	SM7021
Mathematical Methods	SM7020
Introduction to Econometrics and Economic Statistics	Ec1430
Probability, Distribution Theory and Inference	SM7220
Elements of Computer Science	SM7300
General Computing	SM7301
Actuarial Investigations	SM7260
Marketing and Market Research	SM7231
Operational Research Methods	SM7345
Numerical and Symbolic Computing	SM7331
Game Theory	SM7025
Statistical Techniques for Management Sciences	SM7230
Decision Analysis	SM7216
Further Analysis	SM7030
Ideas in Mathematics and Science	SM7024
Further Algebra	SM7040
Elements of Management Mathematics	SM7340
Model Building in Operational Research (3rd-year course)	SM7347
Systems Analysis and Design	SM7322

Course Unit Degrees

The School registers students for the B.Sc. and B.A. degrees by course units. A course unit is defined as one third of the amount of study which an adequately prepared student can reasonably be expected to complete in a year; that is to say one third of the total work load which every student who is capable of obtaining a degree at all should be able to manage. To obtain the degree candidates must complete, to the satisfaction of the School, courses valued at a minimum of nine course units and must satisfy the examiners in courses to the value of at least nine course units.

All students should read the full regulations for the degree: they may be obtained from the Registry at the School.

The following Main Fields of study within which candidates may qualify for Honours, are available:

B.Sc. Degree	B.A. Degree
Geography	Geography
Mathematics, Statistics, Computing and Actuarial Science	Social Anthropology
Management Sciences	
Mathematics and Philosophy	
Social Policy and Administration	
Social Psychology	
Sociology	

Chemistry and Philosophy of Science (Candidates are registered at King's College and attend the LSE on an intercollegiate basis for courses in Philosophy).

1 Geography

Courses are given in the Joint School of Geography at King's College and LSE and teaching is provided by both Colleges.

- 1.1 Candidates for Honours will be expected to take subjects to the value of four course-units in each of the three years of the degree course.
- 1.2 First year subjects will be included in the assessment for Honours, though they will not have weight equal to second and third year subjects.
- 1.3 A candidate is required to take the following subjects:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
<i>First Year</i>	Four-course units	
1.	Physical Geography	Gy1812
2.	Geographical Perspectives on Modern Society	Gy1801
3.	Methods in Geographical Analysis	Gy1816

One course outside Geography (*either* from the list of LSE courses *or* from outside LSE as approved)

<i>Second Year</i>	Four course-units, at least two must be selected from 5-10	
5.	The Location of Economic Activity	Gy1824
6.	Social Geography: Spatial Change and Social Process	Gy1821
7.	Man and his Physical Environment	Gy1808
8.	Urban and Regional Planning	Gy1926
9.	Geomorphology I	Gy1840
10.	Advanced Methods in Geographical Analysis	Gy1857
11.	Historical Geography of the British Isles	Gy1829
12.	Urban Geography	Gy1822

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
13.	Biogeography	Gy1842
14.	Meteorology and Climatology	Gy1843
15.	Techniques in Physical Geography	Gy1817
16.	An approved LSE subject outside Geography	
17.	An approved inter-collegiate course	
<i>Third Year</i>	Four course-units which must include number 18. Not more than two course-units may be taken from 31-34 inclusive.	
18.	Essay of not more than 7,500 words on an approved topic, to be submitted not later than the first day of the Summer Term of the Third Year	Gy1998
19.	Spatial Aspects of Economic Development	Gy1920
20.	Transport: Environment and Planning	Gy1942
21.	Resource and Environmental Management	Gy1943
22.	Social Geography of Urban Change	Gy1929
23.	Comparative Studies in Spatial Policy	Gy1931
24.	Urban Politics: a Geographical Perspective	Gy1919
25.	Geography of Rural Development	Gy1922
26a.	Map Design and Evaluation	Gy1950
26b.	Advanced Cartography	Gy1951
27.	Geomorphology II (Paleogeomorphology)	Gy1966
28a.	Geomorphology III	Gy1961
28b.	Environmental Change	Gy1962
28c.	Soil Science	Gy1841
28d.	Elements of Hydrology	Gy1844
29.	Third World (half-unit)	Gy1884
30.	British Isles	Gy1876
31.	Europe	Gy1877
32.	Soviet Union	Gy1886
33a.	Latin America I (half-unit)	Gy1882
33b.	Latin America II (half-unit)	Gy1883
34a.	North America I (half-unit)	Gy1880
34b.	North America II	Gy1887
35.	A course from second year list 5-10 if not already taken (N.B. Pre-requisites for third year courses must be taken in the second year.)	
36.	Courses to the value of one course-unit from LSE and outside Geography	
37.	Approved intercollegiate courses to the value of one course-unit	

2 Mathematics, Statistics, Computing and Actuarial Science

- 2.1 Candidates will normally be expected to take courses to the value of four course units during each of the three years of study.
- 2.2 The field or fields in which honours are awarded depends on the courses chosen. The normal basic requirements for each field are listed below. The remaining courses are chosen under tutorial guidance.

Mathematics: Courses 1, 2, 10, 11 and two from 12-16 or 21, 22.
 Statistics: Courses 3, 4, 17, 30, 31, 32.
 Computing: Courses 3, 5, 40, 41, 42, 45, 46.

Actuarial
 Science: Courses 3, 4, 6, 7(a)(ii), 17, 30, 34, 50, 51, 53.
 (If 6(b) is taken, 53 may be omitted.)

2.3 A student may also qualify for combined honours.

Mathematics/
 Statistics: Courses 1, 2 or 3, 4, 10 or 11, 17, 30, one from 11-16, 31 or 32.

Statistics/
 Computing: Courses 3, 4, 5, 17, 30, one from 31-34, 40, or 41 or 46 and one from 42 or 45.

Mathematics/
 Computing: Courses 1 or 2, 3, 5, 10 or 11, 17, 40 or 41 or 46, one from 42 or 45 and one further course from 10-16.

Actuarial
 Science/
 Statistics: Courses 3, 4, 6, 17, 30, 34, 53 and two from 7(a)(ii), 50, 51. (If 6(b) is taken, 53 may be omitted.)

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Analysis and Set Theory	1	SM7002
2.	Introduction to Algebra	1	SM7001
3.	Elementary Mathematical Methods	1	SM7000
4.	Elementary Statistical Theory	1	SM7201
5.	Elements of Computer Science	1	SM7300
6.	At most <i>one</i> course from:		
(a)	Economics A2 (candidates will be expected to take A2)	1	Ec1400
(b)	Economics B	1	Ec1403
(c)	Economics C	1	Ec1408
7.	At most <i>one</i> course from:		
(a)	(i) Elements of Accounting and Finance or (ii) Elements of Accounting and Investment for Actuarial Science (available to Actuarial Students only)	1	Ac1000
(b)	Introduction to Mathematical Logic	1	Ph5201
(c)	Introduction to Individual and Social Psychology	1	Ps5400
(d)	A course from the list of course units available to non-specialists	1	

Second and Third Years

Mathematics

10.	Further Analysis (to follow course 1)	1	SM7030
11.	Further Algebra (to follow course 2)	1	SM7040
12.	Topology and Convexity	1	SM7021
13.	Infinite Abelian Groups	1	SM7042
14.	Category Theory	1	SM7041
15.	Game Theory	1	SM7025
16.	Sets and Models (to follow course 7b)	1	SM7031
17.	Mathematical Methods (to follow course 3)	1	SM7020
18.	Incompleteness and Undecidability	1	Ph5222
19.	Ideas in Mathematics and Science	1	SM7024

Paper Number	Paper Title	Unit Value	Study Guide Number
20.	Philosophy of Mathematics (two-year course)	1	Ph5315
21.	Graphs and Combinatorics	1	SM7063
22.	Measure, Probability and Integration (to follow course 10)	1	SM7061

Statistics

30.	Probability, Distribution Theory and Inference (to follow course 4)	1	SM7220
31.	Statistical Theory (3rd-year course)	1	SM7241
32.	Statistical Techniques and Packages (3rd-year course)	1	SM7240
33.	Statistical Techniques for Management Sciences (not to be taken with 31, 32 or 34)	1	SM7230
34.	Statistical Methods for Actuarial Science (3rd-year course; not to be taken with 31 or 33)	1	SM7250
35.	Statistical Demography	1	Pn7126
36.	Econometric Theory	1	Ec1575
37.	Decision Analysis (to follow courses 3 and 4)	1	SM7216

Computing and Operational Research

40.	Systems Analysis and Design (to follow course 5)	1	SM7322
41.	Applications of Computers	1	SM7321
42.	Numerical and Symbolic Computing	1	SM7331
45.	Operational Research Methods	1	SM7345
46.	Computing Methods (to follow course 5)	1	SM7320
47.	Model Building in Operational Research (to follow course 45)	1	SM7347

Actuarial Science and Economics

50.	Actuarial Investigations: Statistical and Financial	1	SM7260
51.	Actuarial Life Contingencies (not available 1986-87)	1	SM7261
52.	Financial Decision Analysis (to follow course 7(a))	1	Ac1123
53.	(a) Economic Principles (to follow course 6) (b) Economic Analysis (to follow course 6)	1	Ec1425
54.	Theory of Business Decisions (to follow course 6)	1	Ec1453
55.	Economics of Investment and Finance (to follow course 54)	1	Ec1542
56.	Economics of Industry	1	Ec1451
58.	Topics in Quantitative Economics	1	Ec1579

Other Courses

Courses to the value of at most two course-units

from:

70.	A course in Social Psychology	1	
72.	A course or courses from the list of course units available to non-specialists (timetable permitting)		

Subject to departmental approval, students may also offer first year courses which they have not taken or, where practicable courses taught at other colleges of the University.

(These courses sometimes occupy half a year and are valued at half a unit. Students should not offer an odd number of such half units.) Note that 13 and 14 are offered in alternate years.

3 Management Sciences

For candidates beginning in and after October 1985

- 3.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.
- 3.2 In assessing candidates for Honours, achievement in Part B will be given more weight than in Part A.
- 3.3 A candidate is required to take the following courses:

Part A: Foundation courses to be completed in the first and second years.

Candidates with 'A' level mathematics or its equivalent normally take the five foundation courses 2 to 6 below. Four of them will be taken in the first year and one in the second year. The order in which they are taken must be agreed by the candidates' teachers. Candidates without 'A' level mathematics or its equivalent normally take all six foundation courses. The courses 1 to 4 will be taken in the first year and courses 5 and 6 in the second year.

Paper Number	Paper Title	Unit Value	Study Guide Number
1.	Basic Mathematics for Economists	1	Ec1415
2.	Elements of Computer Science	1	SM7300
3. (a)	Economics A2	1	Ec1400
or (b)	Economics B	1	Ec1403
or (c)	Economics C	1	Ec1408
4.	Elements of Accounting and Finance	1	Ac1000
5.	Elementary Mathematical Methods	1	SM7000
6.	Elementary Statistical Theory	1	SM7201

Part B: Specialist courses to be taken in the second and third years.

All candidates are normally required to take the following courses (prerequisites in brackets):

7.	Operational Research Methods (5,6)	1	SM7345
8.	Statistical Techniques for Management Sciences (5,6)	1	SM7230

At least one paper from 9 to 19.

9.	Systems Analysis and Design (2)	1	SM7322
10.	Applications of Computers (9)	1	SM7321
11.	Computing Methods (2)	1	SM7320
12.	Marketing and Market Research (6)	1	SM7231
13.	Model Building in Operational Research (7)	1	SM7347
14.	Applied Management Sciences (13)	1	SM7360
15.	Decision Analysis (5,6)	1	SM7216
16. (a)	Actuarial Investigations: Statistical and Financial (6)	1	SM7260
or (b)	Actuarial Life Contingencies (5)	1	SM7261
17.	Mathematical Methods (5)	1	SM7020
18.	Game Theory (17), (21b)	1	SM7025
19.	Numerical and Symbolic Computing (2)	1	SM7331
20.	Graphs and Combinatorics (5)	1	SM7063

Paper Number	Paper Title	Unit Value	Study Guide Number
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At least one paper from 21 to 29

21. (a)	Economic Principles	1	Ec1425
or (b)	Economic Analysis (3, 5)	1	Ec1426
22.	Theory of Business Decisions (3, 21a)	1	Ec1453
23.	Economics of Industry (3, 21a)	1	Ec1451
24.	Principles of Econometrics (5,6)	1	Ec1561
25.	Financial Decision Analysis (4)	1	Ac1123
26.	Organisation Theory and Practice	1	Id3221
27. (a)	Elements of Labour Law	1	LL5062
or (b)	Commercial Law	1	LL5060
28.	Introduction to Individual and Social Psychology	1	Ps5400
29.	Managerial Accounting	1	Ac1021

Subject to departmental approval, and provided that at least one paper is taken from 9 to 20 and one from 21 to 29, candidates may substitute for the papers 9 to 29 up to two other papers from those taught within the School or at other colleges of the University.

For candidates beginning in or before October 1984

- 3.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.
- 3.2 All candidates are normally required to take courses 3-7 and courses to the value of one unit from 30-34 or 40-44. In addition, all candidates are required to select at least one of the fields *Systems Analysis*, *Operational Research* or *Management Statistics* as their core field of study. The normal course requirements for the core fields are as follows:
Systems Analysis: Courses 20, 23, 24(a) and 25.
Operational Research: Courses 23, 25 and 28.
Management Statistics: Courses 23, 25 and 26.
 The remaining courses are chosen under tutorial guidance.
- 3.3 Course 3 is normally taken in the first year. Courses 4 and 5 are taken in the first year by students with 'A' level Mathematics. Other students take course 1 in the first year and courses 4 and 5 in the second year. Courses 1 and 2 may only be taken in the first year.

Paper Number	Paper Title	Unit Value	Study Guide Number
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First Year

1.	Basic Mathematics for Economists	1	Ec1415
2.	Basic Statistics	1	SM7200
3.	Elements of Computer Science	1	SM7300
4.	Elementary Mathematical Methods	1	SM7000
5.	Elementary Statistical Theory	1	SM7201
6. (a)	Economics A2	1	Ec1400
or (b)	Economics B	1	Ec1403
or (c)	Economics C	1	Ec1408
7.	Elements of Accounting and Finance	1	Ac1000
8. (a)	Introduction to Individual and Social Psychology	1	Ps5400
or (b)	English Legal Institutions	1	LL5020
or (c)	Principles of Sociology	1	So5800
or (d)	A course from the list of course units available to non-specialists		

Paper Number	Paper Title	Unit Value	Study Guide Number
Second and Third Year			
Systems Analysis, Operational Research and Management Statistics			
20.	Systems Analysis and Design (3)	1	SM7322
23.	Operational Research Methods	1	SM7345
24.	(a) Applications of Computers (20)	1	SM7321
	or (b) Applied Management Science (28)	1	SM7360
25.	Statistical Techniques for Management Sciences (4,5)	1	SM7230
26.	Marketing and Market Research	1	SM7231
27.	Computing Methods (3)	1	SM7320
28.	Model Building in Operational Research (23)	1	SM7347
Economics and Finance			
30.	(a) Economic Principles	1	Ec1425
	or (b) Economic Analysis (4,6)	1	Ec1426
31.	Theory of Business Decisions (6)	1	Ec1453
32.	Economics of Investment and Finance (31)	1	Ec1542
33.	Economics of Industry (6)	1	Ec1451
34.	Managerial Accounting (7)	1	Ac1021
Organisation and Industrial Relations			
40.	Organisation Theory and Practice	1	Id3221
41.	Public Administration	1	Gv3035
42.	(a) Elements of Labour Law	1	LL5062
	or (b) Commercial Law	1	LL5060
43.	Industrial Sociology (8c)	1	So5917
44.	A course in Social Psychology	1	
Mathematics and Statistics			
50.	Actuarial Investigations: Statistical and Financial (5)	1	SM7260
51.	Actuarial Life Contingencies (4)	1	SM7261
52.	Mathematical Methods (4)	1	SM7020
53.	Game Theory	1	SM7025
54.	Numerical and Symbolic Computing (4)	1	SM7331
55.	Probability, Distribution Theory and Inference (5)	1	SM7220
56.	Introduction to Analysis and Set Theory (1)	1	SM7002
57.	Introduction to Algebra (1)	1	SM7001
58.	Decision Analysis	1	SM7216

Courses listed as available in the first year (other than 1 or 2) may also be offered in the second or third year (if not already taken) subject to departmental approval. Where practicable, students may also offer course units taught at other colleges of the University.

Note: that the numbers in parenthesis following the courses listed refer to those courses which are prerequisite or corequisite for the course in question.

4 Mathematics and Philosophy

- 4.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.
- 4.2 All students take courses 1-6, 7 or 8, 18 and 19. The remaining courses are selected under tutorial guidance from the other courses listed. At least one of 5 and 6 and at least one of 7 and 8 must be taken in the second year.

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Analysis and Set Theory	1	SM7002
2.	Introduction to Algebra	1	SM7001
3.	Introduction to Mathematical Logic	1	Ph5201
4.	Introduction to Scientific Method	1	Ph5210
Second and Third Years			
5.	Incompleteness and Undecidability	1	Ph5222
6.	Sets and Models	1	SM7031
7.	Further Analysis	1	SM7030
8.	Further Algebra	1	SM7040
9.	Topology and Convexity	1	SM7021
10.	Game Theory	1	SM7025
11.	Infinite Abelian Groups	1	SM7042
12.	Category Theory	1	SM7041
13.	Scientific Method	1	Ph5230
14.	The Rise of Modern Science, Copernicus to Newton	1	Ph5240
15.	Epistemology and Metaphysics	1	Ph5310
16.	Ideas in Mathematics and Science	1	SM7024
17.	An essay of 5,000-7,000 words written during the course of study on an approved topic in Philosophy	1	Ph5398
18.	History of Modern Philosophy, Bacon to Kant (two-year course)	1	Ph5300
19.	Philosophy of Mathematics (two-year course)	1	Ph5315
20.	Theories of Probability	1	Ph5223

(Note that 11 and 12 are offered in alternate years.)

5 Social Anthropology

- 5.1 Candidates for Honours are required to take courses to the value of ten course units during three years. They will normally be taken in the following sequences: three in the first year, three in the second year and four in the third year.
- 5.2 There will be no exemption from first year courses.
- 5.3 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 5.4 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Social Anthropology	1	An1200
2.	Ethnography and Theory: Selected Texts	1	An1204
3.	An approved course or courses to the value of one course-unit from the list of course units available to non-specialists.	1	—
Second Year			
4.	Political and Economic Anthropology	1	An1222
5.	Kinship, Sex and Gender	1	An1220
6.	A course or courses to the value of one course-unit selected from those listed under Topics in Social Anthropology below.	1	—

Paper Number	Paper Title	Unit Value	Study Guide Number
Third Year			
7.	Advanced Theory of Social Anthropology	1	An1300
8.	The Anthropology of Religion	1	An1302
9 & 10.	Courses to the value of two course-units selected from those listed under Topics in Social Anthropology below.	2	—

Topics in Social Anthropology

(The courses offered under this heading will vary from year to year. The courses listed below are the courses to be offered in 1986/87. The department will announce details of courses to be taught in the following session at the end of Lent Term each year.)

Study Guide Number	Paper Title	Unit Value
An1398	Special Essay Paper in Social Anthropology	1
An1331	Anthropological Linguistics (if An1332, <i>Linguistics and Anthropological Problems</i> is not taken.)	1
An1312	Advanced Ethnography, Latin America: Highlands	$\frac{1}{2}$
An1317	Advanced Ethnography, Mediterranean	$\frac{1}{2}$
An1332	Linguistics and Anthropological Problems (if An1331, <i>Anthropological Linguistics</i> is not taken.) (not available 1986-87)	$\frac{1}{2}$
An1341	Conflict, Violence and War	$\frac{1}{2}$
An1342	Urban Anthropology	$\frac{1}{2}$
An1343	The Anthropology of Death	$\frac{1}{2}$
An1344	The Anthropology of Art and Communication	$\frac{1}{2}$
—	A course or courses to the value of one course-unit on an approved subject.	$\frac{1}{2}$ or 1

6 Social Policy and Administration

- 6.1 Candidates are required to take courses to the value of four course-units in each year. Courses will normally be examined at the end of the session in which they are taught.
- 6.2 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 6.3 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	History of Social Policy in the 19th and 20th Centuries	1	SA5612
2.	Sociology and Social Policy	1	SA5613
3.	Social Economics	1	SA5614
4.	An approved course or courses to the value of one course-unit outside Social Administration	—	—

Paper Number	Paper Title	Unit Value	Study Guide Number
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Second Year

5.	Social Administration	1	SA5620
6.	Social Structure and Social Policy	1	SA5623
7.	Methods of Social Investigation	1	SA5622
8.	One of the following	1	—
(a)	Educational Policy and Administration	1	SA5730
(b)	Personal Social Services	1	SA5731
(c)	Housing and Urban Structure	1	SA5732
(d)	Health Policy and Administration	1	SA5733
(e)	Sociology of Deviance and Control	1	SA5734
(f)	Social Security Policy	1	SA5735
(g)	Sociology of Sex and Gender Roles	1	So5918
(h)	Social Theory and Social Policy 1870-1918 (not available 1986-87)	1	SA5751
(i)	Race Relations and Ethnic Minority Groups	1	SA5754
(j)	Psychology and Social Policy	1	SA5753
(k)	The Finance of the Social Services (not available 1986-87)	1	SA5755
(l)	An approved course or courses to the value of one course-unit outside Social Administration (which may be taken in either the second or third year)	—	—

Third Year

9.	Social Policy	1	SA5720
10.	Social and Political Theory	1	SA5725
11.	A long essay on approved topic	1	SA5799
12.	A paper listed under paper 8 not already taken	1	—

7 Social Psychology

- 7.1 Candidates are normally required to take courses to the value of twelve course units during the three years of study.
- 7.2 In the final year each candidate is required to carry out a research project under the supervision of a member of staff.
- 7.3 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 7.4 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Individual and Social Psychology	1	Ps5400
2.	Methods of Psychological Research I: General and Statistical	1	Ps5406
3.	Social and Biological Processes in Behaviour	1	Ps5404
4.	Course outside Psychology	1	—
Second Year			
5.	Social Psychology	1	Ps5423
6.	Cognitive Science	1	Ps5424

Paper Number	Paper Title	Unit Value	Study Guide Number
7.	Methods of Psychological Research II: Social and Statistical	1	Ps5420
8.	Course outside Psychology	1	
Third Year			
9.	Advanced Study of Psychological Processes	1	Ps5501
10.	Methods of Psychological Research III: Project and Data Analysis	1	Ps5500
11 & 12.	Two half-unit papers selected from the following:		
(a)	Cognitive Development	$\frac{1}{2}$	Ps5521
(b)	Cognitive Structures	$\frac{1}{2}$	Ps5522
(c)	Collective Psychologies	$\frac{1}{2}$	Ps5523
(d)	Personality and Psychopathology	$\frac{1}{2}$	Ps5524
(e)	Social Psychology of Health	$\frac{1}{2}$	Ps5525
(f)	with the approval of the department, a paper not already taken under papers 13 & 14		
13 & 14.	Two half-unit papers selected from the following:		
(a)	Applied Development Psychology	$\frac{1}{2}$	Ps5526
(b)	Life-Span Development	$\frac{1}{2}$	Ps5527
(c)	Personality and Social Pathology	$\frac{1}{2}$	Ps5528
(d)	Psychological Aspects of Legal Processes	$\frac{1}{2}$	Ps5529
(e)	The Social Psychology of Conflict	$\frac{1}{2}$	Ps5530
(f)	The Social Psychology of the Media	$\frac{1}{2}$	Ps5531
(g)	Sociological Forms of Social Psychology	$\frac{1}{2}$	Ps5532
(h)	with the approval of the department, a paper not already taken under papers 11 & 12		

8 Sociology

For candidates beginning in and after October 1986

- 8.1 Candidates are required to take courses to the value of twelve course units, with a minimum of four course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 8.2 To qualify for Honours in Sociology a candidate is required to complete seven course units in Sociology, including the five compulsory courses and to pass in Sociology courses to the value of five course units.
- 8.3 In addition a candidate will be required to complete the course Methods of Statistical Analysis.
- 8.4 The compulsory course unit Issues and Methods of Social Research may be taken in any one of the three years.
- 8.5 A candidate may take up to five course units in courses outside Sociology.
- 8.6 A candidate will be permitted to submit a report of not more than 10,000 words on a sociological topic to be approved by the convener of the department of Sociology in substitution for any optional course in Sociology. The report (Unit Essay) must be presented not later than 1 May in the academic year of submission.
- 8.7 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Principles of Sociology	1	So5802
2.	Methods of Statistical Analysis	1	SM7215

Paper Number	Paper Title	Unit Value	Study Guide Number
3.	A course or courses to the value of one unit from outside Sociology	1	—
4.	A course or courses to the value of one unit from inside or outside Sociology	1	—

Second Year

1.	Comparative Social Structures: I	1	So5820
2.	Sociological Theory	1	So5821
3 & 4.	Courses to the value of two units from inside or outside Sociology	2	—

Third Year

1.	Comparative Social Structures: II	1	So5830
2,3&4.	Courses to the value of three units from inside or outside Sociology (Note: these must include Issues and Methods of Social Research unless already taken)	3	—

Courses inside Sociology — please see list below

Courses outside Sociology — please see list below

For candidates beginning in or before October 1985

- 8.1 Candidates are required to take courses to the value of twelve course units, with a minimum of four course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 8.2 To qualify for Honours in Sociology a candidate is required to complete seven course units in Sociology, including the six compulsory courses and to pass in Sociology courses to the value of six course units.
- 8.3 In addition a candidate will be required to complete the course Methods of Statistical Analysis.
- 8.4 The compulsory course unit Issues and Methods of Social Research may be taken in any one of the three years.
- 8.5 A candidate may take up to five course units in courses outside Sociology.
- 8.6 A candidate will be required to submit a report of not more than 10,000 words on a sociological topic to be approved by the convener of the department of Sociology. The report (Unit Essay) must be presented not later than 1 May in the academic year of submission.
- 8.7 A candidate is required to take the following courses:

Paper Number	Paper Title	Unit Value	Study Guide Number
First Year			
1.	Introduction to Sociology	1	So5800
2.	Methods of Statistical Analysis	1	SM7215
3.	A course or courses to the value of one unit from outside Sociology	1	—
4.	A course or courses to the value of not more than one unit from inside or outside Sociology	1	—
Second Year			
1.	Comparative Social Structures: I	1	So5820
2.	Sociological Theory	1	So5821
3 & 4.	Courses to the value of at least two units from inside or outside Sociology	2	—

Paper Number	Paper Title	Unit Value	Study Guide Number
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Third Year

1.	Comparative Social Structures: II	1	So5830
2.	Unit Essay	—	So5831
3 & 4.	Courses to the value of at least two units from inside or outside Sociology (Note: these must include Issues and Methods of Social Research unless already taken)	2	—

Optional Courses**Courses in Sociology**

	Normally Taken in Year	Unit Value	Study Guide Number
Issues and Methods of Social Research	1,2 or 3	1	So5801
Social and Moral Philosophy	1,2 or 3	1	So5810
Social Philosophy	2 or 3	1	Ph5250
Contemporary Sociological Theory (not available 1986-87)	3	1	So5989
The Social Structure of Modern Britain	1,2 or 3	1	So5809
The Social Structure of the Soviet Union	2 or 3	1	So5860
The Development of Modern Japanese Society	2 or 3	1	So5861
Social Structure and Politics in Latin America	2 or 3	1	So5862
Political Sociology	2 or 3	1	So5880
Political Processes and Social Change (not available 1986-87)	2 or 3	1	So5881
Industrial Sociology	2 or 3	1	So5917
Sociology of Religion	1,2 or 3	1	So5921
Sociology of Medicine	2 or 3	1	So5922
Urban Sociology	2 or 3	1	So5916
Sociology of Development (not available 1986-87)	2 or 3	1	So5882
Criminology	2 or 3	1	So5919
Sociology of Deviant Behaviour	2 or 3	1	So5920
Society and Literature	2 or 3	1	So5945
Sociology of Knowledge and Science	2 or 3	1	So5946
Sociology of Sex and Gender Roles: Women in Society (not available 1986-87)	2 or 3	1	So5918
Race Relations and Ethnic Minority Groups	2 or 3	1	SA5754
Theories and Problems of Nationalism	2 or 3	1	So5883
The Psychoanalytic Study of Society	1,2 or 3	1	So5960
For candidates beginning in and after October 1986			
Unit Essay	3	1	So5831

Courses outside Sociology — please see list below.

List of course units available for selection by non-specialists where the regulations for the Main Field of study permit, subject to the approval of their tutors and the teaching department and to the successful completion of prerequisites where necessary.

Course	Normally Taken in Year	Unit Value	Study Guide Number
Anthropology			
Introduction to Social Anthropology	any	1	An1200
Ethnography and Theory: Selected Texts	any	1	An1204
Kinship, Sex and Gender	2 or 3	1	An1220
Political and Economic Anthropology	2 or 3	1	An1222
The Anthropology of Religion	3	1	An1302
Economic History			
The Economic History of Great Britain and the U.S.A. 1850-1939	any	1	EH1600
Modern British Business in Historical Perspective, 1900-1980	2 or 3	1	EH1660
Economic History of the United States of America from 1783	2 or 3	1	EH1641
Economic and Social History of Britain from 1815	2 or 3	1	EH1630
Latin America and the World Economy	2 or 3	1	EH1644
Economy, Society and Politics in London, 1800-1914	3		EH1736
Economics			
Economics A2		1	Ec1400
The U.K. Economy: Problems and Policy	2 or 3	1	Ec1420
Geography			
Geographical Perspectives on Modern Society	any	1	Gy1801
Methods in Geographical Analysis	2 or 3	1	Gy1816
Location of Economic Activity	2 or 3	1	Gy1824
Urban and Regional Planning	2 or 3	1	Gy1926
Historical Geography of the British Isles	2 or 3	1	Gy1829
Urban Geography	2 or 3	1	Gy1822
Government			
Modern Politics and Government with Special Reference to Britain	any	1	Gv3010
International History			
English History 1399-1603	any	1	Hy3423
British History 1603-1760	any	1	Hy3429
British History 1760-1914	any	1	Hy3432
International History 1815-1914	any	1	Hy3503
International History since 1914	2 or 3	1	Hy3506
Industrial Relations			
Industrial Relations	1*2 or 3	1	Id3220
The Economics of the Labour Market (may not be combined with Labour Economics Ec1452)	2 or 3	1	Id3222

Course	Normally Taken in Year	Unit Value	Study Guide Number
International Relations			
The Structure of International Society	1	1	IR3600
International Politics	two-year	1	IR3700
Language Studies			
Elementary Linguistics	any	1	Ln3810
Language, Mind and Society	2 or 3	1	Ln3831
Literature and Society in Britain 1830-1900	any	1	Ln3840
Literature and Society in Britain 1900 to the present day (not available 1986-87)	any	1	Ln3841
French Part I	any	1	Ln3800
Law			
English Legal Institutions	any	1	LL5020
Public International Law	any	1	LL5131
Introduction to the Anthropology of Law	2 or 3	1	LL5138
Women and the Law	2 or 3	1	LL5135
Mathematics			
Basic Mathematics for Economists	any	1	Ec1415
Elementary Mathematical Methods	any	1	SM7000
Introduction to Analysis and Set Theory	any	1	SM7002
General Computing	any	1	SM7301
Graphs and Combinatorics	2 or 3	1	SM7063
Philosophy			
Introduction to Scientific Method	any	1	Ph5210
Introduction to Logic	any	1	Ph5200
Social Philosophy	2 or 3	1	Ph5250
Population Studies			
Population, Economy and Society	any	1	Pn7100
Demographic Description and Analysis	2 or 3	1	Pn7120
The Demographic Transition and the Western World Today	2 or 3	1	Pn7122
Third World Demography	2 or 3	1	Pn7123
Migration	2 or 3	1	Pn7124
Family Composition in Developed and Developing Countries	2 or 3	1	Pn7125
Applied Population Analysis (Students taking this course must have taken or taking concurrently course Pn7120)	2 or 3	1	Pn7127

Course	Normally Taken in Year	Unit Value	Study Guide Number
Social Administration			
Introduction to Social Policy	any	1	SA5600
Social Administration	2 or 3	1	SA5620
Social Policy	2 or 3	1	SA5720
Sociology of Deviance and Control	2 or 3	1	SA5734
Educational Policy and Administration	2 or 3	1	SA5730
Personal Social Services	2 or 3	1	SA5731
Housing and Urban Structure	2 or 3	1	SA5732
Health Policy and Administration	2 or 3	1	SA5733
Race Relations and Ethnic Minority Groups	2 or 3	1	SA5754
Social Security Policy	2 or 3	1	SA5735
Social Psychology			
Introduction to Individual and Social Psychology	any	1	Ps5400
Social Psychology (Prerequisite Ps5400)	2 or 3	1	Ps5423
Cognitive Psychology (Prerequisite Ps5400)	2 or 3	1	Ps5424
Collective Psychologies and Psychological Forms of Social Psychology (Prerequisite Ps5400)	3	1	Ps5523 and Ps5532
Sociology			
Principles of Sociology	any	1	So5800
Social and Moral Philosophy	any	1	So5810
The Social Structure of Modern Britain	any	1	So5809
Comparative Social Structures I (Complex Pre-industrial Societies)	2 or 3	1	So5820
Political Sociology (not available 1987-88)	2 or 3	1	So5880
Sociological Theory	2 or 3	1	So5821
Sociology of Sex and Gender Roles: Women in Society	2 or 3	1	So5918
Comparative Social Structures II: (Industrial Societies)	2 or 3	1	So5830
Urban Sociology	2 or 3	1	So5916
Issues and Methods of Social Research	2 or 3	1	So5801
Criminology	2 or 3	1	So5919
Theories and Problems of Nationalism	2 or 3	1	So5883
Sociology of Development (not available 1986-87)	2 or 3	1	So5882
Sociology of Deviant Behaviour	2 or 3	1	So5920
Sociology of Religion	2 or 3	1	So5921
Industrial Sociology	2 or 3	1	So5917
Contemporary Sociological Theory (not available 1986-87)	2 or 3	1	So5989
The Social Structure of the Soviet Union	2 or 3	1	So5860
The Development of Modern Japanese Society	2 or 3	1	So5861

Course	Normally Taken in Year	Unit Value	Study Guide Number
Political Processes and Social Change <i>(not available 1986-87)</i>	2 or 3	1	So5881
Society and Literature	2 or 3	1	So5945
Sociology of Knowledge and Science	2 or 3	1	So5946
The Psychoanalytic Study of Society	any	1	So5960
Sociology of Medicine	2 or 3	1	So5922
Statistics			
Elementary Statistical Theory	any	1	SM7201
Decision Analysis <i>(Prerequisites SM7000 and SM7201)</i>	2 or 3	1	SM7216

B.Sc. Chemistry and Philosophy of Science

Candidates for this combined field of study are registered at King's College and attend the L.S.E. on an intercollegiate basis for courses in Philosophy. The curriculum of individual candidates will be arranged by King's College, including such matters as the order in which courses are to be taken and the total number required of each candidate, though to be awarded Honours in Chemistry and Philosophy of Science it will be necessary for a candidate to have taken and passed courses in Philosophy at the L.S.E. with a total value of at least four course units. There will be no requirement on any candidate to take an examination in courses followed at the L.S.E. at the end of the second year of the three-year course. Courses in Philosophy available at the L.S.E. are as follows:

Paper Number	Paper Title	Normally Taken in Year	Unit Value	Study Guide Number
1.	Introduction to Logic	1	1	Ph5200
2.	Introduction to Scientific Method	1	1	Ph5210
3.	History of Modern Philosophy, Bacon to Kant (two-year course)	2 or 3	1	Ph5300
4.	The Rise of Modern Science, Copernicus to Newton	2 and 3	1	Ph5240
5.	Epistemology and Metaphysics	2 and 3	1	Ph5310
6.	Scientific Method	2 and 3	1	Ph5230
7.	Logic	2	1	Ph5220
or	Incompleteness and Undecidability	2 and 3	1	Ph5222
8.	an Essay of 5,000-7,500 words written during the course of study on a topic approved by the Philosophy Department		1	Ph5398
or	an Essay written under examination conditions on a Philosophical topic		1	Ph5399

Degree of Bachelor of Laws

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

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

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see page 299).

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year. The Intermediate examination is normally held twice each year, in May or June and in September. A candidate offering himself for examination for the first time may not postpone his entry to the examination until September.

The examination consists of written papers in four subjects:

	<i>Study Guide Number</i>
Public Law	LL5003
Law of Contract	LL5001
Law of Property I	LL5002
English Legal System	LL5000

A candidate who passes in three of the papers at an Intermediate examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate examination again.

In exceptional cases, with permission of the School, a candidate who fails to reach the minimum standard in two or more subjects in May or June, whether or not he has presented himself for all or part of the examination, may be permitted to re-enter for the whole examination in September of the same year.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate examination. The Part I examination is normally held twice each year, in May or June and in September. A candidate offering himself for examination for the first time may not normally postpone his entry to the examination until September.

A candidate is required to satisfy the examiners in the following papers:

	<i>Study Guide Number</i>
Law of Tort	LL5041
and in Criminal Law	LL5040

and in other courses to the value of two subjects from the following lists:

	<i>Study Guide Number</i>
(i) Property II	LL5105
Law of Evidence	LL5113
Public International Law	LL5131
Conflict of Laws	LL5114
Mercantile Law	LL5110
Labour Law	LL5112
Domestic Relations	LL5118
Law of Business Associations	LL5111
Local Government Law (Essay)	LL5117
International Protection of Human Rights	LL5132
Basic Principles of the Soviet and Yugoslav Legal Systems	LL5134
Legislation (Essay)	LL5116
Introduction to the Anthropology of Law	LL5138
Introduction to European Law	LL5133
Legal and Social Change since 1750	LL5137
Housing Law	LL5119
Administrative Law	LL5115
Economic Analysis of Law	LL5136
Women and the Law	LL5135
Law Relating to Civil Liberties	LL5130
Land Development and Planning Law	LL5140
Taxation	LL5141
(ii) Sentencing and Treatment of Offenders	LL5171
Legal Services to the Community (Essay)	LL5176
Social Security Law I	LL5172
Social Security Law II	LL5173
Law of Landlord and Tenant (not if Housing Law is taken)	LL5174
Race, Nationality and the Law (<i>not available 1986-87</i>)	LL5177
Sociological Theory and the Idea of Law (Essay)	LL5179
Outlines of Modern Criminology	LL5170
Public Law and Economic Policy (<i>not available 1986-87</i>)	LL5178
Health Care and the Law	LL5175

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available each year.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half subject by writing an essay of about 6,000-8,000 words on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned, a candidate may be permitted to offer, as one of the two subjects required under this regulation, a law course, taught at another School of the University of London and deemed to be of the value of one subject.

The Part I examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay will be required in that course to write an essay instead.

A candidate who passes courses to the value of three subjects and fails in the examination for the remaining courses may be referred in the paper(s) or essay(s) concerned: if he satisfies the examiners in the referred paper(s) or essay(s) at either of the two next following Part I examinations he is regarded as having passed the whole examination, otherwise he is required to take the whole of the Part I examination again.

A candidate who numbers an essay or essays amongst the courses in which he is referred will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who fails the Part I examination, including a failure in a course or courses examinable by means of an essay, will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who includes amongst the courses taken at the June Part I Examination a course or courses examinable by means of an essay and satisfies the Examiners in that course or courses yet fails the Examination as a whole, will be permitted to carry forward to the next Part I Examination the mark achieved in the course or courses concerned and will be required to be re-examined in the remaining courses.

An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in courses to the value of two or more subjects in June to re-enter for the whole examination in September of the same year.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to pass the Part I examination.

The Part II examination is normally held once each year in May or June. A candidate is required to satisfy the examiners in:

Jurisprudence

He is also required to satisfy the examiners in other courses to the value of three subjects selected from the following lists:

	<i>Study Guide Number</i>
(i)	
Property II	LL5105
Law of Evidence	LL5113
Public International Law	LL5131
Conflict of Laws	LL5114
Mercantile Law	LL5110
Labour Law	LL5112
Domestic Relations	LL5118
Law of Business Associations	LL5111
Local Government Law (Essay)	LL5117
International Protection of Human Rights	LL5132
Basic Principles of the Soviet and Yugoslav Legal Systems	LL5134
Legislation (Essay)	LL5116
Introduction to the Anthropology of Law	LL5138
Introduction to European Law	LL5133
Legal and Social Change since 1750	LL5137
Housing Law	LL5119
Administrative Law	LL5115
Economic Analysis of Law	LL5136
Women and the Law	LL5135
Law Relating to Civil Liberties	LL5130
Land Development and Planning Law	LL5140
Taxation	LL5141

	<i>Study Guide Number</i>
(ii)	
Sentencing and Treatment of Offenders	LL5171
Legal Services to the Community (Essay)	LL5176
Social Security Law I	LL5172
Social Security Law II	LL5173
Law of Landlord and Tenant (not if Housing Law is taken)	LL5174
Race, Nationality and the Law (<i>not available 1986-87</i>)	LL5177
Sociological Theory and the Idea of Law (Essay)	LL5179
Outlines of Modern Criminology	LL5170
Public Law and Economic Policy (<i>not available 1986-87</i>)	LL5178
Health Care and the Law	LL5175

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available every year. A candidate may not offer a course which he has previously offered in the Part I examination.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half-subject by writing an essay on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned a candidate may be permitted to offer, as one of the three subjects required under this regulation, a Law course taught at another School of the University of London and deemed to be of the value of one subject.

The Part II examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay, will be required in that course, to write an essay instead. A candidate who offers an essay will not be permitted to offer the same essay at any succeeding examination.

The Examiners may, if they think fit, require any candidate at the Part II examination to present himself for an oral examination. An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

Degree of Bachelor of Laws with French Law

The degree is part of a collaborative agreement between the L.S.E. and the University of Strasbourg, where the third year of the course is taken.

The examination for the degree consists of two parts, namely Part I and Part II. In order to qualify for admission to the course leading to the Part II examination a candidate is required to pass the examination for the *Diplôme d'études juridiques de Strasbourg*, hereinafter called the Diploma.

Candidates are required to enter for examinations at the School by applying to the Examinations Officer of the School. Candidates who are not registered as full-time or part-time students at the School are required to pay a fee on entry or re-entry to an examination. Details are available on request from the Examinations Office.

The examiners may require any candidate at the Intermediate, Part I and Part II Examinations to present himself for an oral examination, and an oral examination shall be compulsory for any candidate offering an essay.

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate Examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year.

The Intermediate Examination shall be held twice each year in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry to the examination in September. The examination consists of four written papers in the following subjects:

	<i>Study Guide Number</i>
1. Public Law	LL5003
2. Law of Contract	LL5001
3. Law of Property I	LL5002
4. English Legal System	LL5000

In addition, each candidate is required to follow the first year of an approved course of instruction in French Language at the School.

A candidate who passes in three of the papers at an Intermediate Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

A candidate who has passed the Intermediate Examination may be permitted by the School to transfer to the LL.B. degree.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I Examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate Examination.

The Part I Examination shall be held each year, in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry in September. The examination consists of four written papers:

*Study Guide
Number*
LL5041
LL5040

1. Law of Tort
2. Criminal Law
3. French Civil Law (at King's College) unless a candidate is given special exemption by the School, in which case he must select a further paper from those listed under 4 below.
4. A course to the value of one subject selected from lists (i) and (ii) under Part I of the LL.B degree
or An approved subject in French Government or History

A candidate who passes in three of the papers at the Part I Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Part I Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Part I Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

In addition to the papers in regulation 13, each candidate will be required to follow the second year of the approved course of instruction in the French Language at the School and to achieve a satisfactory standard in the examination of the subject. A candidate who fails to achieve a satisfactory standard in the examination of French language yet passes the Part I Examination may be permitted by the School to transfer to the LL.B. degree, entering the third and final year of the course in the following session.

DIPLOMA

A candidate is eligible to present himself for the examination of the Diploma after having satisfactorily attended the prescribed course of study at the University of Strasbourg. The examination consists of courses to the value of three and a half subjects drawn from the following lists, which may be amended from time to time. Each candidate is required to follow the *Introduction à L'étude du droit à Droit Civil (Personnes, Familles, Capacité)*, whether or not the candidate elects to take this course.

WHOLE SUBJECT COURSES

Introduction à L'étude du droit à Droit Civil (Personnes, Familles, Capacité)
Droit Civil (Obligations, Biens et Propriété)
Droit Constitutionnel et Institutions Politiques
Droit Administratif
Droit Commercial

HALF-SUBJECT COURSES

Droit Institutionnel Communautaire (this course may not be taken by a candidate who has followed the course of *Introduction to European Law in Part I*)
Histoire des Idées Politiques jusqu'en 1789
Libertés Publiques
Histoire du Droit (Droit Privé ou Droit de Travail, Famille, Obligations)
Droit Privé Allemand
Introduction au Droit Comparé

A candidate who does not take or fails to pass the examination for the Diploma in circumstances certified by the authorities of the University of Strasbourg and regarded by the School as being equivalent to those which would have qualified him for the award of an *Aegrotat* on a degree course at the University of London, may be permitted by the School to continue his course for the LL.B. with French Law. Any other candidate

who does not take or fails the examination will not be allowed to continue his course but may be permitted to transfer to the LL.B. degree and enter the final year of study and examination. In such a case the marks obtained by the candidate in the Part I Examination shall be made available to the examiners for the LL.B. degree.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II Examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I Examination and the Diplôme d'Etudes. The Part II Examination is normally held once each year in May or June.

The examination consists of Jurisprudence and courses to the value of three subjects selected from the list of subjects available at Part II of the LL.B. degree, as amended from time to time. A candidate may not select more than four half-subject courses. A candidate who has followed the half-subject course Droit Institutionnel Communautaire for the Diploma may not select Introduction to European Law.

Successful candidates are awarded *either* (a) First Class Honours, *or* (b) Second Class Honours, *or* (c) Third Class Honours, *or* (d) a Pass Degree. The Second Class Honours list is divided into an Upper and a Lower Division. The names appear on the Pass List in alphabetical order in each division.

Degree of Bachelor of Laws with German Law

The degree is part of a collaborative agreement between the L.S.E. and the University of Marburg, where the third year course is taken.

The examination for the degree consists of two parts, namely Part I and Part II. In order to qualify for admission to the course leading to the Part II examination a candidate is required to pass the certifying examination conducted by the University of Marburg (hereinafter called the Certifying Examination).

Candidates are required to enter the examinations at the School by applying to the Examinations Office of the School. Candidates who are not registered as full-time or part-time students at the School are required to pay a fee on entry or re-entry to an examination. Details are available on request from the Examinations Office.

The examiners may require any candidate at the Intermediate, Part I and Part II Examinations to present himself for an oral examination, and an oral examination shall be compulsory for any candidate offering an essay.

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate Examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year.

The Intermediate Examination shall be held twice each year in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry to the examination in September. The examination consists of four written papers in the following subjects.

Paper Number	Paper Title	Study Guide Number
1.	Public Law	LL5003
2.	Law of Contract	LL5001
3.	Law of Property I	LL5002
4.	English Legal System	LL5000

In addition, each candidate is required to follow the first year of an approved course of instruction in the German Language at the School.

A candidate who passes in three of the papers at an Intermediate Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

A candidate who has passed the Intermediate Examination may be permitted by the School to transfer to the LL.B. Degree.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I Examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate Examination.

The Part I Examination shall be held each year, in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry in September. The examination shall consist of four written papers:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
1.	Law of Tort	LL5041
2.	Criminal Law	LL5040
3.	German Civil Law unless a candidate is given special exemption by the School, in which case he must select a further paper from those listed under 4 below.	
4.	A course to the value of one subject selected from lists (i) and (ii) under Part I of the LL.B. degree <i>or</i> An approved subject in German Government or History	

A candidate who passes in three of the papers at the Part I Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Part I Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Part I Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

In addition to the papers in regulation 13, each candidate will be required to follow the second year of the approved course of instruction in the German Language at the School and to achieve a satisfactory standard in the examination of the subject. A candidate who fails to achieve a satisfactory standard in the examination of German language yet passes the Part I Examination may be permitted by the School to transfer to the LL.B. degree, entering the third and final year of the course in the following session.

CERTIFYING EXAMINATION

A candidate will pass the Certifying Examination by presenting written work and undergoing oral examination to the required standard in the Courses and by presenting written work to the required standard in the Exercises.

In each semester the student shall take Courses and Exercises in the following lists to the value of at least 12 hours per week.

<i>Courses</i>	<i>Exercises</i>
General Part of the Civil Code	Introductory Exercises in Civil Law
Law of Obligation II	(Propädeutische Übungen in
Constitutional Law I	Bürgerlichen Rechts)
Such other courses as may be approved by the Law Faculty, University of Marburg	Civil Code Exercises (Part I)
	Essay on a subject in German Law

A candidate who does not take or fails to pass the Certifying Examination in circumstances certified by the authorities of the University of Marburg and regarded by the School as being equivalent to those which would have qualified him for the award of an Aegrotat on a degree course at the University of London, may be permitted by the School to continue his course for the LL.B. with German Law. Any other candidate who does not take or fails his examination will not be allowed to continue his course may be permitted to transfer to the LL.B. degree and enter the final year of study and examination. In such a case the marks obtained by the candidate in the Part I Examination shall be made available to the examiners for the LL.B. degree.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II Examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I Examination and the Certifying Examination. The Part II Examination is normally held once each year in May or June.

The examination consists of Jurisprudence and courses to the value of three subjects selected from the list of subjects available at Part II of the LL.B. degree, as amended from time to time. A candidate may not select more than four half-subject courses.

Successful candidates are awarded *either* (a) First Class Honours, *or* (b) Second Class Honours, *or* (c) Third Class Honours, *or* (d) a Pass Degree. The Second Class Honours list is divided into an Upper and a Lower Division. The names appear on the Pass List in alphabetical order in each division.

B.A. Honours in History (Branch II: Mediaeval and Modern)

This is a University-based course, taught and examined inter-collegiately. School candidates for the degree belong to the Department of International History, a considerable part of whose teaching is directed towards the degree.

The following is only a summary: full details are given in the list of Syllabuses and Courses approved by the Board of Studies in History (the White Pamphlet), a copy of which is given to each student for the degree annually.

The examination will consist of eight papers, up to three of which may be taken in the penultimate session of the candidate's course of study with the permission of the School. Honours classes will be awarded on a range of nine marks, comprising the marks obtained in the eight papers together with the ninth mark in the form of a Departmental Assessment which will reflect the Department's estimate of a candidate's performance in the last two years of his course.

Paper Number	Paper Title	Study Guide Number
1-5	Five of the following papers, to include three at least from Groups A and B, of which one shall be from Group A, one from Group B, and the third from either Group.	
	Groups A and B: <i>The School offers teaching for all of the papers</i>	
A1.	British History down to the end of the 14th century. The paper will be divided into two sections. Candidates must answer at least one question from each section	Hy3420
A2.	British History from the beginning of the 15th century to the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically.	Hy3426
A3.	British History from the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically	Hy3435
B1.	European History from 400 to 1200	Hy3450
B2.	European History from 1200 to 1500	Hy3453
B3.	European History from 1500 to 1800	Hy3456
B4.	European History from 1800	Hy3465

Group C: *the School offers teaching for those papers indicated. Teaching for the remainder is available in other schools and Colleges of the University*

C1.	History of Political Ideas. The paper will be divided into two sections: (a) European (b) South Asian Section (a) will be further divided: (i) questions related to the recommended texts; (ii) questions on the relations of European political ideas to their historical context.	Gv3150
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Candidates must attempt at least one question from each of the sub-sections (a) (i) and (a) (ii).

The following papers may be selected only subject to the approval of the School:

C2.	Any one of the papers A1-A3 in Branch 1B, or of papers A1-A13 in Branch VI or an approved course-unit from the School-based syllabus in History at the School of Oriental and African Studies (see p.30-31).	
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Paper Number	Paper Title	Study Guide Number
C3.	History of the U.S.A. since 1783	
C4.	History of Latin America since Independence (c. 1830 to the present)	
C5.	History of the British Empire and Commonwealth. The paper will be divided into three sections at 1783 and 1880. Candidates may select questions from any two or from all three sections.	
C6.	History of Europe Overseas from the early 15th century to 1900.	
C7.	World History from the end of the 19th century	
C8.	The Eastern Mediterranean lands in the period of the Crusades, 11th-14th century. (Available at the School of Oriental and African Studies).	
6.	An Optional Subject: <i>the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University</i>	Hy3510, Hy3566, Gv3055 or Gv4060
7 & 8.	A Special Subject: <i>the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University</i>	EH1770, Hy3580, Hy3583, Hy3586

Special subjects will be examined by one three-hour paper normally including passages for comment prescribed texts and *either* by another three-hour paper *or* by an essay not exceeding 5,000 words *or* two essays of not more than 2,500 words each. Such essays which shall refer to tests and be fully documented, are to be on a topic or topics selected by the candidate and approved by his special subject supervisor and shall be submitted through the School by the end of the *University Lent Term* in the year a candidate completes his Final examination. Such essays should normally be typewritten. The method of examination to be adopted for any particular subject in any year will be subject to approval by the University.

In addition to the above papers there is a language requirement. The School has to certify *either* that the candidate has taken a language test in one or more foreign languages *or* that the candidate has taken a course in a foreign language. This year it has been decided that all students at the School will be required to take a language course, further details of which will be given in the first week of the Michaelmas term (see also the *White Pamphlet*).

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

Institute of Chartered Accountants in England and Wales

In order to qualify as a chartered accountant, a three-year period under a training contract with a firm of chartered accountants is necessary. Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's foundation examination. At the School, the course leading to the 'approved degree' is the course for the B.Sc. (Econ.) with the special subject Accounting and Finance (provided economics is taken at Part I). Partial exemption may be given to graduates who have taken other courses which include law, economics or statistics.

Further information may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, P.O. Box 433, Chartered Accountants' Hall, Moorgate Place, London, EC2P 2BJ.

Institute of Chartered Accountants of Scotland

The 'approved degree' (see above) is recognised by the Institute of Chartered Accountants of Scotland as a preliminary qualification under their requirements.

Further information may be obtained from the Institute of Chartered Accountants of Scotland, 27 Queen Street, Edinburgh, EH2 1LA.

Institute of Chartered Accountants in Ireland

Certain exemptions are granted by the Institute to graduates.

Further information may be obtained from the Director of Education of the Institute, 7 Fitzwilliam Place, Dublin 2.

Chartered Association of Certified Accountants

Students of the Association are not obliged to serve under a training contract, but may as an alternative obtain experience of an approved accounting nature in the finance or accounting department of a commercial or industrial company, in one of the nationalised industries, in national or local government or in the office of a practising accountant. The period of approved training for graduates is three years and may be undertaken before, after or at the same time as study for the professional examinations. Various exemptions are given from the Association's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the Academic Services Department of the Association, 29 Lincoln's Inn Fields, London, WC2A 3EE.

Institute of Cost Management Accountants

Students obtain their practical training in industry. Various exemptions are given from the Institute's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the Technical Director — Education and Training, The Institute of Cost and Management Accountants, 63 Portland Place, London, W1N 4AB.

The Chartered Institute of Public Finance and Accountancy

Students obtain their practical training in public service or enterprise. Graduates may be granted various exemptions from the Institute's examinations on the basis of papers taken at degree examinations.

Further information may be obtained from the Secretary, The Chartered Institute of Public Finance and Accountancy, 3 Robert Street, London, WC2N 6BH.

Further information on all of the above is given in the pamphlet *Approved Courses for Accountancy Education*, obtainable from the Board of Accreditation of Educational Courses, 399 Silbury Blvd., Witan Gate East, Central Milton Keynes, MK9 2HL and

also from the Assistant Registrar (Registry and Undergraduate Admissions) at the School.

LAW

The Bar

The Council of Legal Education will normally grant to a student who has obtained a second class degree in law from The London School of Economics, exemption from entering for the whole of Part I of the examination for call to the Bar. The conditions concerning such exemptions are set out in the Consolidated Regulations of the Honourable Societies of Lincoln's Inn, the Inner Temple, the Middle Temple, and Gray's Inn. A candidate seeking admission to the Bar must take the Bar Part II. A person who holds a degree in a subject other than law will have to take a one year course for the Common Professional Examination. Full details may be obtained from the Council of Legal Education, Gray's Inn Place, London, WC1R 5DX. See also the pamphlet published annually by the Law Department on prospects in the profession and elsewhere for law graduates and on methods of qualification.

The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor and pass the Law Society's examinations. The period of articles for candidates who have taken a degree at an approved university is two years. Any first degree of the University of London qualifies for this purpose.

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination (now called the Common Professional Examination) and may sit for Part II of the qualifying examination (now called the New Final) before entering into articles. Holders of degrees in subjects other than law may sit for both Parts of the Law Society's qualifying examination before entering into articles. Further details may be obtained from The Law Society, 113 Chancery Lane, London, WC2A 1PL. See also the pamphlet published annually by the Law Department on prospects in the profession and elsewhere for law graduates and on methods of qualification.

ACTUARIAL PROFESSION

The School provides teaching over the full range of topics involved in academic preparation for an actuarial career, viz. mathematics, statistics and economics, accounting and finance as well as professional actuarial subjects. Students can be in touch with the Institute of Actuaries (whose offices are only a short walk from the School) during their course and can gain exemptions from the A level examinations of the Institute by performing sufficiently well in the corresponding degree examinations.

All six examinations at the first level (the A-examinations) of the Institute are covered by students taking the main field Actuarial Science in the B.Sc. degree. Within the B.Sc. (Econ.) complete coverage may be obtained by a suitable choice of options within the Special Subject Statistics. Further information may be obtained from the School or from the Institute of Actuaries, Staple Inn Hall, High Holborn, London, WC1V 7QJ.

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.

In the session 1985/86, about 1900 students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University or for Diplomas, but qualified applicants are admitted to do research under supervision without working for a degree.

At the present time the work of the Graduate School falls into two parts — advanced training and research.

For advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a University of London Master's degree by examination or a Diploma (see below). Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given.

For research, unique facilities are provided by the close proximity of the School to the centres of government, business and law, and by its ease of access to the British Museum which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the social sciences.

Graduate students wishing to register for the University of London's research degrees will be expected as a general rule to have attained the level of competence required by the one-year Master's degree. At this stage they have the opportunity of proceeding, according to their competence, either to the M.Phil., which involves a relatively short dissertation, or to the Ph.D., which involves a dissertation of more substantial dimensions. Students who are thus registered are attached to individual supervisors, who at all stages will be responsible for advising them on the planning and execution of their research.

A separate handbook, *The Graduate School*, issued each session, is 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 School Admissions Office. Applications for admission must reach the School on the prescribed form. As preliminary correspondence is often necessary, 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 London School of Economics 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

As indicated earlier 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 School 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 School 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 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 apply to the University for special consideration to be given 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 during the ordinary terms 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.
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 30 October, without adequate reasons and without informing the School in advance of his inability to register in time, the offer of admission will be automatically cancelled.
3. 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 School Office, where they must also show satisfactory *official* evidence of their qualifications.
4. 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.
5. *Part-time registration* at the School is intended for those who, by reason 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. It is not normally possible for overseas students to obtain admission to Britain to study on a part-time basis.

6. *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.

7. 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.

The Course of Study

The course of study will, according to subject, extend over not less than one academic year for full-time students, or two academic years for part-time students. Occasionally, students may be asked to attend for a preliminary year's preparation and to pass a qualifying examination before being allowed to proceed to the Diploma course. 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 in the following pages. **N.B. Where the Regulations for a course indicate that special permission is required for a student to take a particular subject or combination of subjects, such permission must be sought at the beginning of the course of study.**

A candidate who fails in the examination will not normally be re-admitted to the School, but may re-enter the examinations once more without being registered at the School. Special arrangements apply to candidates for the Diplomas in Housing, in Social Policy and Administration and in Social Planning in Developing Countries, and to those candidates for the University Diplomas in Law and International Law who are examined by means of a dissertation.

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 School Office as early as possible and ask for advice as to their position.

Appointment of Examiners for School Diplomas

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. 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 be again eligible for appointment.

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, and are also published for the individual components of the examination; in others, the only grade awarded is a mark of Distinction to candidates showing exceptional merit in the examination, and for these Diplomas results are not published for the individual components of 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.

Study Guides

In the regulations which follow a Study Guide number is printed opposite each examination paper. The Study Guides are printed in detail in Part III of the Calendar, with a general explanation on page 364. Students should first read the regulations for their particular Diploma, to see the rules governing their choice of examination subjects. They should then refer to the Study Guides, which in turn refer to the lecture and seminar series listed in the Sessional Timetable (published separately).

Diploma in Accounting and Finance

The examination shall comprise the following five papers:

Paper Number	Paper Title	Study Guide Number
1	(a) Elements of Accounting and Finance	Ac1000
	or (b) Financial Accounting	Ac1122
2	(a) Managerial Accounting	Ac1021
	or (b) Financial Decision Analysis	Ac1123
3,4 & 5. Three of the following:		
	(a) (i) Economics A (candidates will be expected to take A2)	Ec1400
	or (ii) Economic Principles	Ec1425
	or (iii) Economics of Industry	Ec1451
	or (iv) Monetary Systems	Ec1514
	(b) (i) Basic Statistics	SM7200
	or (ii) Introduction to Econometric and Economic Statistics	Ec1430

(c)	(i) Basic Mathematics for Economists	Ec1415
	or (ii) Elements of Management Mathematics	SM7340
(d)	Commercial Law	LL5060
(e)	(i) Industrial Relations	Id3220
	or (ii) Organizational Theory and Practice	Id3221
(f)	(i) General Computing	SM7301
	or (ii) Elements of Computer Science	SM7300
(g)	Modern British Business in Historical Perspective 1900-1980	EH1660
(h)	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 two or three papers at the end of the first year of their course and the remainder at the end of the final year of their course.

Diploma in Business Studies**Examination**

The examination shall consist of four papers from the following:

Paper Number	Paper Title	Study Guide Number
1 & 2 & 3. Three of the following:		
(a)	(i) Elements of Accounting and Finance	Ac1000
	or (ii) Managerial Accounting	Ac1021
	or (iii) Financial Decision Analysis	Ac1123
(b)	(i) Economics A2	Ec1400
	or (ii) Economic Principles	Ec1425
	or (iii) Economics of Industry	Ec1451
(c)	Commercial Law	LL5060
(d)	(i) Organisation Theory and Practice	Id3221
	or (ii) Industrial Relations	Id3220
4. One of the following:		
(a)	(i) Basic Statistics	SM7200
	or (ii) Elements of Management Mathematics	SM7340
	or (iii) General Computing	SM7301
	or (iv) Elements of Computer Science	SM7300
	or (v) Another approved paper from the Department of Statistical and Mathematical Sciences	
(b)	Modern British Business in Historical Perspective 1900-1980	EH1660
(c)	Any other paper approved by the candidate's teachers	

and

II. An essay of not more than 5,000 words on an approved topic Id4250

The choice of options is subject to the approval of the School, which 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 the course.

Diploma in Criminal Justice

The examinations will comprise three papers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Criminology	LL5185
2.	Sentencing and the Penal Process	LL5186
3.	English Criminal Law	LL5187

Exceptionally, with the approval of the School, candidates may be permitted to substitute for one of the papers listed above, a paper on Comparative Criminal Law and Procedure, or any other appropriate paper for which teaching is offered at the School. A student may also, with the approval of his supervisor and at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for one of the above papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder (including the essay) at the end of the second year.

Diploma in Econometrics

The examination shall comprise four papers as listed below, options being selected with the approval of the candidate's supervisors. Candidates would normally be required to take papers 3(a) and 4(a) as listed below unless a course of study in these subjects had already been satisfactorily completed.

Paper Number	Paper Title	Study Guide Number
1.	Econometric Theory	Ec1575
2.	Topics in Quantitative Economics	Ec1579
3.	(a) Economic Analysis	Ec1426
	or (b) Any other approved paper	
4.	One of the following:	
	(a) Probability, Distribution Theory and Inference	SM7220
	(b) Mathematical Methods	SM7020
	(c) Any other approved paper	
	(d) With the approval of the teachers concerned, 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 the second year of their course.

Diploma in Economics

The examinations shall comprise four papers selected with the approval of the candidate's supervisor from the list below.

Note: Candidates who wish subsequently to be considered for the M.Sc. in Economics at the School will normally be expected to choose the following options under 2, 3 and 4 below (in addition to Paper 1): one of the mathematics papers listed in (a), one of the statistics papers listed in (b), and one of (c), (f), (g), (h), (i), (m) or (p). (This requirement may be waived where candidates can satisfy their supervisors that they have already reached the required standard in a particular paper or papers.)

Paper Number	Paper Title	Study Guide Number
1.	(a) Economic Principles	Ec1425
	or (b) Principles of Economics Treated Mathematically	Ec1426
	or (c) Advanced Economic Analysis	Ec1506
2, 3 & 4.	Three of the following:	
	(a) (i) Basic Mathematics for Economists	Ec1415
	or (ii) Elementary Mathematical Methods	SM7000
	or (iii) Elements of Management Mathematics	SM7340
	(b) (i) Basic Statistics	SM7200
	or (ii) Introduction to Econometric and Economic Statistics	Ec1430
	or (iii) Elementary Statistical Theory	SM7201
	or (iv) Principles of Econometrics	Ec1561
	(c) Introduction to Economic Policy	Ec1450
	(d) Problems of Applied Economics	Ec1500
	(e) Public Finance	Ec1507
	(f) Monetary Systems	Ec1514
	(g) Principles of Monetary Economics	Ec1513
	(h) Labour Economics	Ec1452
	(i) Economics of Industry	Ec1451
	(j) Elements of Accounting and Finance	Ac1000
	(k) Theory of Business Decisions	Ec1453
	(l) History of Economic Thought	Ec2425
	(m) Economic Development	Ec1521
	(n) Economic Institutions Compared	Ec1454
	(o) Planning	Ec1527
	(p) International Economics	Ec1520
	(q) Game Theory	SM7025
	(r) An approved paper in Economic History	—
	(s) Any other paper inside or outside the Department of Economics approved by the candidate's teachers	—

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 the course.

Diplomas in 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 Diploma 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	Study Guide Number
1.	One of the following:	
	(a) Methods in Geographical Analysis	Gy1816
	(b) Basic Economic Geography (E)	—
	(c) Urban Geography (U)	Gy1822
	(d) Social Geography: Spatial Change and Social Process (U)	Gy1821
	(e) Man and his Physical Environment (E)	Gy1808

2,3 & 4. *Three* of the following:

(a)	A further paper from (1) above	Gy1931
(b)	Comparative Studies in Spatial Policy (U)	Gy1929
(c)	Social Geography of Urban Change (U)	Gy1920
(d)	Spatial Aspects of Economic Development (E)	Gy1921
(e)	Advanced Economic Geography: Agriculture (E)	Ec1544
(f)	Economics and Geography of Transport (E)	Gy1926
(g)	Urban and Regional Planning (U)	Gy1943
(h)	Resource and Environmental Management (E)	Gy1942
(i)	Transport: Planning and Environment (E)	Gy1875
(j)	An approved regional study	
(k)	Any other subject approved by the candidate's teachers	

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 Housing

The course shall last for two years, and shall include examinations comprising the following:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
I	At the end of the first year, <i>four</i> written papers as follows:	
1	Social Policy and Social Structure	SA6771
2	Legal Framework of Housing Studies	SA6772
3	Housing Economics and Housing Finance	SA6773
4	Housing Policy and Administration	SA6770
II	At the end of the second year, <i>three</i> written papers and an essay as follows:	
5	Management Studies and Environmental Psychology	SA6780
6	Building Studies	SA6781
7	Housing Planning and Urban Development	SA6782
8	An essay of not more than 5,000 words on an approved topic	SA6783
and III	Satisfactory completion of 16 weeks' 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.	

Candidates are normally required to pass Part I before proceeding to the final year of the course. If a 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 candidate who fails more than one Part I paper will be required to take all four Part I papers in the following June. Candidates who fail any component of the Part II examinations (including a Part I paper in which they may have been referred) will be allowed to repeat the whole Part II examination on one occasion only.

Diploma in International and Comparative Politics

The examination shall consist of four papers as follows:

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
1.	World Politics	IR4700
2,3 & 4	<i>Three</i> of the following:	
(a)	The Politics of International Economic Relations	IR3784
(b)	Strategic Aspects of International Relations	IR3782
(c)	Foreign Policy Analysis	IR3781
(d)	International Institutions	IR3783
(e)	Modern Political Thought: A Study of European Political Thought since 1770	Gv3122
(f)	History of British Politics in the Twentieth Century	Gv3021
(g)	The Politics and Government of a Foreign Country (one of USA, USSR, France, Germany, African States)	Gv3050-57
(h)	Any other subject approved by the candidate's teachers	

Part-time students may take two papers on completion of their first year and the remainder on completion of their final year.

Diploma in International Law

The University of London awards a Diploma in International Law.

- The course of study is open to:
 - graduates of this or another university whose undergraduate courses and/or previous experience have included a substantial preliminary training in Law
 - those who, although not graduates, have satisfied the University 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 approved for the purpose by the University extending over not less than one session.
- The examination will take place once in each year, beginning on or after 25 August. Every candidate entering for an examination must submit a completed entry form not later than 1 May.
- A candidate may obtain the Diploma in International Law, *either*
 - by passing an examination consisting of three papers in:
 - Public International Law and/or Conflict of Laws
 - three of the International Law subjects which, for the time being, can be offered for the Master of Laws Examination. (There shall be one paper in each subject)
 - with the permission of the University, one of the International Law subjects which, for the time being can be offered for the Master of Laws Examination.
 - or
 - 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.

Note: The subjects referred to under A. II and A. III above are, at present, the following:

- (a) Comparative Conflict of Laws
- (b) History of International Law
- (c) Law of International Institutions
- (d) Law of European Institutions
- (e) Air and Space Law I
- (f) Air and Space Law II
- (g) International Law of the Sea
- (h) The International Law of Armed Conflict and the Use of Force
- (i) International Economic Law
- (j) Legal Aspects of Defence Studies
- (k) Law of Treaties
- (l) Methods and Sources of International Law
- (m) European Community Law
- (n) The International Protection of Human Rights

4. The subject of the dissertation must be submitted for the approval of the University not later than 15 April in the year in which the course of study is completed.

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 completing the course of study, together with an entry-form which must be duly filled in with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

5. Statutes and other Documents in the Examination Room: Candidates will be permitted to take into the examination room and use such statutes and other documents as may from time to time be prescribed by the Board of Examiners. The Board will prescribe.

(a) the papers for which statutes and other documents may be taken in and used, and
(b) the statutes and other documents that may be taken in and used.
Candidates should note that personal annotation on statutes or other material permitted to be taken into the examination is forbidden.

A list of candidates who have satisfied the examiners at the written examination arranged in alphabetical order, will be published by the Academic Registrar of the University on 5 November.

A candidate who does not, at the first entry, successfully complete the written examination may re-enter the examination on one occasion, normally at the next following examination.

6. A certificate to be called the 'Diploma in International Law', under the seal of the University, will be delivered to each successful candidate.

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 and/or previous experience have included a 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 one session.

2. A candidate is required to submit 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 in the year in which the course of study is completed.

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 completing the course of study, together with an entry-form which must be duly filled in with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

3. A list of candidates who have satisfied the examiners, arranged in alphabetical order, will be published by the Academic Registrar of the University on 5 November.

A certificate to be called the 'Diploma in Law', under the seal of the University, will be delivered to each successful candidate.

Diploma in Logic and Scientific Method

The examination shall comprise three of the following papers. (Candidates will normally be required to take papers (a) and (b).)

Paper Number	Paper Title	Study Guide Number
(a)	Advanced Scientific Method	Ph6200
(b)	(i) Elements of Logic	Ph6209
	or (ii) Logic	Ph6201
	or (iii) Mathematical Logic	Ph6202
(c)	Advanced Mathematical Logic	Ph6203
(d)	History of Epistemology	Ph6204
(e)	Metaphysics and Epistemology	Ph6205
(f)	Philosophy of Mathematics	Ph6206
(g)	Growth of Modern Science	Ph6207
(h)	Philosophy of the Social Sciences	Ph6208
(i)	Theories of Probability	Ph6210

The choice of options is subject to the approval of the School.

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.

Diploma in the Management of Information Systems

The examination shall comprise three papers as follows to be taken in June.

Paper Number	Paper Title	Study Guide Number
1.	Systems Analysis and Design	SM7322
2.	(i) Elements of Computer Science	SM7300
	or (ii) Computing Methods	SM7320

3. Information Systems in Developing Countries SM8306
and a project to be submitted by the first week of the Summer Term SM8301

Diploma in Management Sciences

The examination shall comprise four papers, selected with the approval of the candidate's supervisor, drawn from at least three of the following groups:

Paper Number	Paper Title	Study Guide Number
Group I		
(a)	Operational Research Methods	SM7345
(b)	Model Building in Operational Research (not to be taken unless (a) is also taken)	SM7347
Group II		
(a)	Systems Analysis and Design	SM7322
(b)	Elements of Computer Science	SM7300
or (c)	Computing Methods	SM7320
Group III		
(a)	Statistical Techniques for Management Sciences	SM7230
(b)	Marketing and Market Research	SM7231
(c)	Basic Statistics	SM7200
or (d)	Elementary Statistical Theory	SM7201
Group IV		
(a)	Basic Mathematics for Economists	Ec1415
or (b)	Elementary Mathematical Methods	SM7000
or (c)	Mathematical Methods	SM7020
Group V		
(a)	Elements of Accounting and Finance	Ac1000
or (b)	Economics A (candidates will be expected to take A2)	Ec1400
or (c)	Economics B	Ec1403
or (d)	Economics C	Ec1408
or (e)	Organization Theory and Practice	Id3221
(f)	Computer Project (only to be taken if papers II(a) and (b) are also taken)	SM8301

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. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes to go on to an M.Sc. in the Department will be expected to follow an appropriate course of study in the Diploma. For example, candidates for the M.Sc. in Analysis, Design and Management of Information Systems will normally be expected to offer papers II(a), II(b) and V(f).

These conditions may be waived where the candidate's supervisor is satisfied that the candidate has 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.

Diploma in Operational Research

The examination shall comprise the following four papers:

Paper Number	Paper Title	Study Guide Number
1.	Operational Research Methods	SM7345
2.	Model Building in Operational Research	SM7347
3 & 4. Two of the following:		
(a)	(i) Elementary Statistical Theory	SM7201
	or (ii) Statistical Techniques for Management Sciences	SM7230
(b)	(i) Elementary Mathematical Methods	SM7000
	or (ii) Mathematical Methods	SM7020
(c)	(i) Elements of Computer Science	SM7300
	or (ii) Numerical and Symbolic Computing	SM7331
	or (iii) Computing Methods	SM7320
(d)	Game Theory	SM7025
(e)	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. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes subsequently to be considered for the M.Sc. in Operational Research will normally be expected to include papers (a) and (b) under 3 and 4 above in his or her selection. This condition may be waived where the candidate's supervisor is satisfied that the candidate has 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.

Diploma in Social Philosophy

The examination shall comprise the following:

Paper Number	Paper Title	Study Guide Number
1.	Social Philosophy	Ph6250
2.	Philosophy of the Social Sciences	Ph6208
3. One of the following:		
(a)	Elements of Logic	Ph6209
(b)	Logic	Ph6201
(c)	History of Epistemology	Ph6204
(d)	Metaphysics and Epistemology	Ph6205
(e)	Advanced Scientific Method	Ph6200
(f)	Any other paper approved by the candidate's teachers	

The choice of options is subject to the approval of the School. Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above.

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.

Diploma in Social Planning in Developing Countries

The examination will comprise three papers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Social Policy and Planning in Developing Countries	SA6740
2. & 3. Two of the following:		
(a)	Problems of Health and Disease	SA6741
(b)	Planning of Welfare Services	SA6742
(c)	Rural Development	SA6743
(d)	Social and Economic Aspects of the Housing System	SA6744
(e)	Social Implications of Education	SA6745

In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate during the course.

Candidates who reach the prescribed standard in each of two subjects only of the examination may, at the discretion of the examiners, be referred in the third subject and resit the examination on not more than two subsequent occasions. If they are then successful they shall be awarded the Diploma.

Candidates who are unsuccessful in the examination as a whole shall receive a certificate of attendance, on which shall be recorded those subjects in the examination, if any, in which they have passed.

A candidate who is absent from some or all of the examinations or fails to satisfy the examiners may be a candidate for the whole examination on one further occasion. Further examination will be at the discretion of the examiners.

The examiners may recommend for an aegrotat a candidate who:—

- (i) has completed the full period of study and any field work or practical work required by the regulations;
- (ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma;
- (iii) has made application, supported where appropriate by a medical certificate, to the Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the examination as he or she has attended if any, records of the candidate's performance during the course, and assessments provided by the candidate's teachers, the examiners will determine whether evidence has been shown to their satisfaction that, had he or she completed the examination, the candidate would clearly have reached a standard which would have qualified him for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

Diploma in Social Policy and Administration

The examination shall comprise the following papers:

Paper Number	Paper Title	Study Guide Number
Option I		
Two papers, an essay and assessment of field work as follows:		
1.	Social Policy and Economics	SA6600
2.	Social Structure and Psychology	SA6601
3.	Social Policy and Administration (5,000 word essay)	SA6611

4. Assessment of field work based on supervisor's reports: a candidate will be required to undertake twelve weeks' full-time field work normally in Britain during vacations as an integral part of the course. In the case of students resident in Britain six weeks of this shall normally be undertaken before the beginning of the course of study.

Option II

Three papers and either an essay or assessment of fieldwork as follows:

Paper Number	Paper Title	Study Guide Number
1.	Social Policy	SA6610
2.	The Development of British Social Policy	SA6615
3.	Social Structure and British Government	SA6616
4.	An essay as under 3 in Option I or Assessment of field work based on supervisor's reports as under 4 in Option I	

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 fails in one 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.

An examination for candidates so referred may be held either in the following August or at any subsequent Diploma examination.

Candidates may offer on not more than two subsequent occasions a paper in which they have been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of these occasions they are successful in attaining the prescribed standard in that paper they shall be treated as having then satisfied the examiners in the whole examination.

The examiners may recommend for an aegrotat a candidate who

- (i) has completed the full period of study and any field work or practical work required
- (ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma
- (iii) has made application, supported where appropriate by a medical certificate to the Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the examination as has been attended if any, records of the candidate's performance during the course, and assessments provided by the candidate's teachers, the examiners will determine whether evidence has been shown to their satisfaction that, had he or she completed the examination, the candidate would clearly have reached a standard which would have qualified him or her for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

Candidates who complete the course of study for the Diploma, but for reasons which, in the opinion of the Convener of the department, are sufficient, fail to present themselves for examination, or who present themselves, but fail to satisfy the examiners in the examination and who are not referred in any paper, may be candidates for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two or the second normally more than four academic years later than the occasion of their failure. If they are on either of those occasions referred in one paper, the regulation above relating to referral shall apply to them.

Candidates who re-enter for the Diploma examination may not re-submit an essay which they have previously submitted for examination.

Candidates for the Diploma taking Option I (or if taking Option II electing to take fieldwork) shall be required to submit to the Convener of the department before the date on which they satisfy the examiners in the examination, or not later than two calendar years (or such further period as the Convener of the department may in any particular case permit) after that date, evidence to the satisfaction of the Convener of the department of their having completed field work of such nature and such duration as may be prescribed by the Convener of the department.

Diploma in Social Psychology

The examination will comprise the following:

Students are required to be examined to a total of four units. All courses are of whole-unit value except those under 3 which are of half-unit value; the examination for each whole-unit will normally be by means of a 3-hour examination, and for each half-unit will normally be by means of a 2-hour unseen examination.

Paper Number	Paper Title	Study Guide Number
1.	Methods of Psychological Research II: Social and Statistical	Ps5420
2.	One of the following:	
	(a) Cognitive Science	Ps5424
	(b) Social Psychology	Ps5423
	(c) Advanced Study of Psychological Processes	Ps5501
3.	Two of the following:	
	(d) Cognitive Development	Ps5521
	(e) Cognitive Structures	Ps5522
	(f) Collective Psychologies	Ps5523
	(g) Personality and Psychopathology	Ps5524
	(h) Social Psychology of Health	Ps5525
	(i) Applied Developmental Psychology	Ps5526
	(j) Life-Span Development	Ps5527
	(k) Personality and Social Pathology	Ps5528
	(l) Psychological Aspects of Legal Processes	Ps5529
	(m) The Social Psychology of Conflict	Ps5530
	(n) The Social Psychology of the Media	Ps5531
4.	An essay or research report (not exceeding 5,000 words) or a paper approved by the Convener.	Ps5599

The choice of papers is subject to the approval of the Convener, who may also permit alternative papers to be offered.

Note: Not all the papers listed under 2 and 3 above will necessarily be available every year.

Part-time students may take examinations to a value of between one and two units at the end of the first year and the remainder at the end of the second year.

Diploma in Sociology

The examination shall consist of four papers, as follows:

Paper Number	Paper Title	Study Guide Number
1.	Methods of Social Investigation	So6960

2.	Sociological Theory	So5821
3.	Comparative Social Structures I: (Complex Pre-Industrial Societies)	So5820
4.	Comparative Social Structures II: (Industrial Societies)	So5830

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.

A candidate may, at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for the paper Comparative Social Structures I.

A candidate wishing to proceed to the M.Sc in Sociology will normally be expected to obtain a mark of Distinction in order to be allowed to do so.

Diploma in Statistics

The examination shall comprise four papers selected with the approval of the candidate's supervisor from the following list:

Paper Number	Paper Title	Study Guide Number
(a)	Probability, Distribution Theory and Inference	SM7220
(b)	(i) Statistical Theory	SM7241
	(ii) Statistical Techniques	SM8258
or		
(c)	(i) Elementary Mathematical Methods	SM7000
	(ii) Mathematical Methods	SM7020
or		
(d)	Social Statistics and Survey Methodology	SM8260
(e)	Statistical Demography	SM7126
(f)	Operational Research Methods	SM7345
(g)	(i) Econometric Theory	Ec1575
	(ii) Principles of Econometrics	Ec1561
or		
(h)	(i) Elements of Computer Science	SM7300
	(ii) Numerical and Symbolic Computing	SM7331
or	(iii) 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.

The Master's Degrees — M.Sc., LL.M., M.A.

The University of London Master's degree is intended for award mainly on the result of written examinations after a course of study beyond first-degree level. 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 *two* academic or *two* calendar years or longer if necessary.

Details of the various courses offered at the School for the University of London's Master's degrees are contained in the following pages. **N.B. Only those subjects or combinations of subjects explicitly permitted by the regulations for each course may be offered for examination. Where the regulations for a course indicate that special permission is required for a student to take 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.**

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

Examination entry forms should be collected from the Graduate School Office at the appropriate time. They should be completed according to the instructions supplied and returned to the Graduate School Office promptly by 12 January for June examinations (this also applies to candidates for September examinations who are to sit papers examined in June) and by 12 April for September examinations, so that the forms can be sent on to the University by the closing date (1 February and 1 May respectively).

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, late March 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 not published for the individual components of the examination, but for the whole of the examination (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).

Withdrawal from Examinations

Students who have entered for an examination and who wish to withdraw should inform the Graduate School Office as soon as possible, and should ask for advice as to 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 School Office *immediately* if they are prevented from sitting any examination paper(s).

Notification of Results

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. Results are not published for the individual components of an examination, and no marks or grades are awarded, other than a mark of Distinction 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.

In the regulations which follow a Study Guide number is printed opposite each examination paper. The Study Guides are printed in detail in Part III of the Calendar, with a general explanation on page 364. Students should first read the regulations for their particular degree, to see the rules governing the choice of examination subjects. They should then refer to Study Guides which in turn refer to the lecture and seminar series listed in the Sessional Timetable (published separately).

M.Sc. in the Faculty of Economics

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.

Paper Number	Paper Title	Study Guide Number
1.	Advanced Accounting and Finance I	Ac2000
2.	Advanced Accounting and Finance II	Ac2001
3 & 4.	Two of the following selected with the approval of the candidate's teachers:	
	(a) Advanced Accounting and Finance III	Ac2002
	(b) Advanced Accounting and Finance IV	Ac2003
	Each of courses (a) and (b) will normally be examined by means <i>either</i> of two-hour papers in <i>two</i> of the following	
	(i) Financial Statement Analysis	
	(ii) Financial Management and Reporting for Multinational Firms	
	(iii) Information Analysis and Financial Reporting	
	(iv) History of Accounting	
	(v) Modern Business History	
	<i>or</i> of a single three-hour paper in Advanced Management Accounting	
	(c) Economics of Industry	Ec2436
	(d) Public Finance	Ec2435
	(e) (i) Operational Research Techniques and Applications	SM8342
	<i>or</i> (ii) Advanced Mathematical Programming	SM8351
	(f) (i) Computing and Data Processing	SM8300
	<i>or</i> (ii) Advanced Systems Analysis	SM8304
	(g) Industrial Organization	Id4203
	(h) A paper from another course for the M.Sc. in the Faculty of Economics	
	(i) 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 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 (h) above will be examined at the time that course is examined).
 Essay/report 1 June.

Analysis, Design and Management of Information Systems

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

I Three written papers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Advanced Systems Analysis	SM8304
2.	Computers in Information Processing Systems	SM8302
3.	One of the following selected with the approval of the candidate's teachers:	
	(a) Advanced Econometric Theory I	Ec2560
	(b) Operational Research Techniques and Applications	SM8342
	(c) Industrial Organization	Id4203
	(d) Financial Reporting and Management	Ac2150
	(e) Management Mathematics	SM8350
	(f) Manpower Policy	Id4223
	(g) Information Systems in Developing Countries	SM8306
	(h) Any other subject approved by the candidate's teachers	

and

II A report of not more than 10,000 words on a project selected with approval of the candidate's 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 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.

Date of Examination

Written papers June
 Dissertation 15 September

Demography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I	Three written papers as follows:	
1.	Analytic Demography	Pn8100
2.	Applied Demography	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 Modern Western World	Pn7122
	(c) The Population History of England	Pn7121
	(d) Family Composition, Kin and the Life Cycle	Pn7125
	(e) Migration	Pn7124

and

II A dissertation of not more than 10,000 words on a topic approved by the candidate's teachers.

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.

Date of Examination

Written papers	June
Report	15 September

Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Paper Number	Paper Title	Study Guide Number
Four 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
4.	One of the following:	
	(a) Advanced Economic Theory: Dynamic Economics	Ec2420
	(b) Theory of Investment Planning	—
	(c) History of Economic Thought	Ec2425
	(d) International Economics	Ec2426
	(e) Economics of Investment and Finance	Ec1542
	(f) Labour Economics	Ec2429
	(g) Monetary Economics	Ec2430
	(h) Public Finance	Ec2435
	(i) Economics of Industry	Ec2436
	(j) The Economics of Less Developed Countries and of their Development	Ec2440
	(k) Soviet Economic Development	Ec2441
	(l) Theory and Implementation of Detailed Planning	Ec2442
	(m) Marx, Walras and Keynes in the Light of Contemporary Economic Analysis	Ec2455
	(n) Economic Inequality	Ec2465
	(o) The Economics of Technological Change and Long-Term Growth	Ec2470
	(p) Game Theory	SM7025
	(q) Capital Markets, the Corporation and Taxation	Ec2437
	(r) Any other field of Economics approved by the candidate's teachers	

In exceptional circumstances, a candidate may, subject to the approval of his teachers, substitute for one of the papers under 1, 2 or 3 a second paper selected under 4 or 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
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Preliminary Year

Some students may be asked to take the Preliminary Year Programme, and, before being allowed to proceed in their final year to the M.Sc. as described above, to pass in four examinations as follows:

1.	Preliminary Year Macroeconomics	Ec2590
2.	Preliminary Year Microeconomics	Ec2591
3.	One of the following:	
	Basic Mathematics for Economists	Ec1415
	Elementary Mathematical Methods	SM7000
	Elements of Management Mathematics	SM7340
4.	One of the following:	
	Basic Statistics	SM7200
	Economic Statistics	Ec1430
	Elementary Statistical Theory	SM7201
	Principles of Econometrics	Ec1561

Econometrics and Mathematical Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Four written papers or, subject to the approval of the candidate's teachers, three written papers and an essay or report as follows:

Paper Number	Paper Title	Study Guide Number
1.	(a) Advanced Quantitative Economics I	Ec2550
	or (b) Advanced Quantitative Economics II	Ec2551
2, 3 & 4.	Three of the following selected with the approval of the candidate's teachers:	
	(a) Advanced Quantitative Economics I (if not taken under I)	Ec2550
	(b) Advanced Quantitative Economics II (if not taken under II)	Ec2551
	(c) Advanced Econometric Theory I	Ec2560
	(d) Advanced Econometric Theory II (only available to candidates selecting paper Advanced Econometric Theory I)	Ec2561
	(e) Advanced Mathematical Economics I	Ec2570
	(f) Advanced Mathematical Economics II	Ec2571
	(g) (i) Advanced Mathematical Programming	SM8351
	or (ii) Applied Abstract Analysis	SM7060
	(h) Game Theory	SM7025
	(i) Microeconomics II	Ec2405
	(j) Any other subject approved by the candidate's teachers	
	(k) An essay or report 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 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
Essay/Report	1 June

Preliminary Year

Some students may be asked to take the Preliminary Year Programme and to pass two examinations, in econometric theory and mathematical economics, before being allowed to proceed in their final year to the M.Sc. as described above. The Preliminary Year Programme will include additional studies and seminars in economic theory, mathematics, statistics, economics and econometrics. Details may be found in Study Guide numbers Ec1570 and Ec1575.

Economic History

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Option A

Examination

- I. Three written papers selected with the approval of the candidate's teachers as follows:

Paper Number	Paper Title	Study Guide Number
1.	The Sources and Historiography of Economic History in one of the following:	
	(a) England 1350-1500	EH2600
	(b) England in the Seventeenth Century	EH2605
	(c) Britain from the later Eighteenth Century	EH2610
	(d) U.S.A. 1890-1929	EH2615
2 & 3.	Two of the following:	
	(a) A second paper under I (above)	—
	(b) A paper on a specified period in the Economic History of Great Britain or the U.S.A.	—
	(c) History of Economic Thought	Ec2425
	(d) The Regulation of the Economy by Government in the U.S.A.	Gv4130
	(e) British Labour History	EH2700
	(f) The Population of the United States of America from Colonial Times to the Present	EH2710
	(g) Aspects of Latin American Economic History since Independence (a reading knowledge of Spanish or Portuguese is desirable)	EH2715
	(h) The History of Transport from the Turnpike to the Motorway	EH2701
	(i) The Economic History of Western Europe since 1945	EH2716

- (j) In exceptional circumstances and subject to the approval of the department, a second paper under 2 and 3(b) above, provided that one of the two papers is on the Economic History of the U.S.A.
- (k) Any other paper approved by the candidate's teachers

and

- II. A report of about 10,000 words on a topic approved by the candidate's teachers relating to the period chosen under 1

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	September (except that papers 2 and 3(c), (d), (f), and (g), will be taken in June)
Report	1 September

Option B

Examination

- I. Three written papers selected with the approval of the candidate's teachers as follows:

Paper Number	Paper Title	Study Guide Number
1.	Growth, Poverty and Policy in the Third World since 1850	EH2790
2 & 3.	Two of the following:	
	(a) The Latin American Experience of "Economic Imperialism"	EH2780
	(b) (i) Economic History of the U.S.A. since 1873-1939	EH2660
	or (ii) Britain and the International Economy 1919-1964	EH2655
	(c) The Economics of Less-Developed Countries and of their Development	Ec2440
	(d) 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

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	September (except that papers 2 and 3(a), (c), and (d), will be taken in June)
Report	1 September

European Studies

Additional Entry Qualifications

Applicants should possess a knowledge of at least one European language other than English.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1&2.	Two of the following:	
(a)	European History since 1945	Hy4540
(b)	The Politics of Western European Institutions	IR4751
(c)	The Economic Organisation of the European Economic Community	Ec2516
3.	One of the following:	
(a)	A paper from 1 and 2 not already taken	
(b)	The Politics and Government of an Approved European Country	Gv4090, Gv4100, Gv4110
(c)	The International Politics of Western Europe	IR4750
(d)	The Law of European Economic and Monetary Transactions	LL6050
(e)	The Law of Western European Institutions	LL6051
(f)	European Social Policy	SA6645
(g)	Public Policy in Italy and France	Gv4165
(h)	Any other paper approved by the candidate's teachers which is offered for the M.Sc. or M.A. and examined in June	

and

- II. An essay of not more than 10,000 words on an approved topic falling within the field of one of the candidate's chosen papers.

Dates of Examination

Written papers	June
Essay	15 September

All students admitted for this course are required to take a test at the beginning of January to check on their progress. According to the results of this test, they may be advised, in extreme cases, to withdraw from the course, or, possibly, to take two years over the course. Candidates are not expected to 'pass' the test as if it were an end-of-course examination, but are advised to be aware of the fact that the test is regarded as an indication of progress.

Geography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1.	Geographical Methodologies and Research Techniques	Gy2802
2&3.	Two of the following:	
(a)	Social Change and Urban Growth	Gy2820
(b)	Regional Policy and Planning	Gy2821
(c)	Natural Resources Management and Environmental Planning	Gy2822
(d)	Spatial Aspects of Change in Economic Activity	Gy2823
(e)	Geography of Transport Planning	Gy2824
(f)	Cartographic Communication	Gy2825
(g)	Any other subject of comparable range in the field of Geography, or one related thereto, approved by the candidate's teachers	
(h)	A subject offered for an M.Sc. in a related discipline (with the approval of the department and of the teachers concerned)	

and

- II. A report of not more than 10,000 words on an approved topic.

and

- III. Assessment of written work submitted during the course.

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

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 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	15 September

Health 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	Study Guide Number
1.	Basic Community Health	SA6660
2.	Health Planning and Financing	SA6661
3.	One of the following:	
(a)	Health Economics	SA6666
(b)	Social Dimensions of Health	SA6667
(c)	Epidemiology and Health Care	SA6668

4. One of the following:
- (a) A further paper from 3 above
- (b) Any other approved subject* e.g.
- | | |
|---|--------|
| Social Policy and Administration | SA6630 |
| Social Planning | SA6631 |
| Planning of Personal Social Services | SA6642 |
| Industrial Relations: Theory and Comparative Systems | Id4201 |
| Management Mathematics | SM8350 |
| Economics of Less Developed Countries and their Development | Ec2440 |
| Occupational Medicine | — |
| Nutrition | — |
| Social and Economic Demography | — |
- III. A report of not more than 10,000 words on a topic approved by course teachers SA6699

* Subject to timetabling and the requisite academic background for the particular subject.

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

Industrial Relations and Personnel Management

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as listed below:	
1.	(a) Industrial Relations and Personnel Management: Institutions and Processes	Id4200
	or (b) Industrial Relations: Theory and Comparative Systems	Id4201
2&3.	Two of the following:	
	(a) A paper from 1 not already taken	
	(b) Industrial Organisation: Theory and Behaviour	Id4202
	(c) Industrial Psychology	Id4220
	(d) Industrial Sociology	Id4221
	(e) Labour Law	LL6112
	(f) Labour Market Analysis	Id4224
	(g) Labour History	Id4222
	(h) Manpower Policy	Id4223

- (i) Financial Reporting and Management Ac2150
- (j) Economics of Industry Ec2436
- (k) Systems Analysis SM8303
- (i) Any other paper approved by the candidate's teachers
- and
- II. A report of not more than 10,000 words on an approved subject Id4399
- and
- III. Assessment of essays written during the course.

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 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.

N.B. Students wishing to seek exemption from the examinations of the Institute of Personnel Management are expected to take papers 1(a), 1(b) and 2 & 3(h), and a special supplementary programme of work.

Dates of Examination

Written papers June
Report 1 September

International History

Additional Entry Qualifications

A knowledge of at least one European language in addition to English is advised and, for some courses, is essential.

Curriculum

- One of the following general periods, including a knowledge of its sources and historiography:
 - 1815-1870
 - 1870-1914
 - 1914-1946
 - Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under section 1:
 - 1815-1919
 - 1919-1946
 - A special aspect to be studied with the appropriate period under section 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles. This aspect will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers
- } Courses by special arrangement

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

1. Three written papers
and
2. An essay of not more than 10,000 words as a topic within the field of the period selected.

Dates of Examination

Written papers June
Essay Not later than 30 September

International Relations**Duration of Course of Study**

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
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	IR4610
(b)	International Institutions	IR4630
(c)	European Institutions	IR4631
(d)	The Politics of International Economic Relations	IR4640
(e)	The International Legal Order	IR4632
(f)	Strategic Studies	IR4650
(g)	International Politics: The Western Powers	IR4660
(h)	International Politics: The Communist Powers	IR4661
(i)	International Politics: Asia and the Pacific	IR4662
(j)	International Politics: Africa and the Middle East	IR4663
(k)	International Business in the International System	IR4641
(l)	Revolutions and the International System	IR4645
(m)	Concepts and Methods in International Relations	IR4621
(n)	International Law and Organizations in Latin America and the Caribbean	IR4633
(o)	The Politics of Money in the World Economy	IR4642
(p)	Nationalism	So6850
(q)	Ocean Politics: Theories and Issues (<i>provisional</i>)	IR4646
(r)	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 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 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.

Logic and Scientific Method**Duration of Course of Study**

Full-time: One academic year or one calendar year depending on the Scheme of Examination.

Part-time: Two academic or two calendar years depending on the Scheme of Examination.

Examination

- I. Three written papers selected with the approval of the candidate's teachers as follows (candidates are normally required to take papers (a) and (b)):

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
(a)	Advanced Scientific Method	Ph6200
(b) (i)	Logic	Ph6201
or (ii)	Mathematical Logic	Ph6202
or (iii)	Elements of Logic	Ph6209
(c)	Advanced Mathematical Logic	Ph6203
(d)	History of Epistemology	Ph6204
(e)	Metaphysics and Epistemology	Ph6205
(f)	Philosophy of Mathematics	Ph6206
(g)	Growth of Modern Science	Ph6207
(h)	Philosophy of the Social Sciences	Ph6208
(i)	Theories of Probability	Ph6210

- and*
- II. An essay of not more than 10,000 words on a topic falling within the field of any of the papers

Exceptionally candidates may be examined by four written papers selected with the approval of their teachers from the list given above (candidates will normally be required to take papers (a) and (b)).

Dates of Examination

Written papers June
Essay 15 September

Operational Research**Additional Entry Qualifications**

A knowledge of mathematics and statistics to the level of Elementary Mathematical Methods and Elementary Statistical Theory in Part I or 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 academic 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-hour unseen examination paper, or for each whole unit, a three-hour unseen examination paper. (Courses I.2, I.3, II.6 and II.10 are examined by means of essays and project reports.) In addition, coursework may also be assessed.

Paper Number	Paper Title	Study Guide Number
I.		
1.	Techniques of Operational Research	SM8343
2.	Operational Research in Context	SM8344
3.	Computer Modelling in Operational Research	SM8345
II. Courses totalling five half-units, of which at least one must be from subjects II.1 to II.7 and at least three must be from subjects II.1 to II.14.		
1.	Mathematical Programming 1	SM8354
2.	Mathematical Programming 2 (if II.1 is also taken)	SM8355
3.	Combinatorial Optimisation	SM8346
4.	Advanced Operational Research Techniques	SM8347
5.	Stochastic Processes	SM8203
6.	Further Simulation	SM8348
7.	Decision Analysis in Theory and Practice	SM8204
8.	Transport Models	SM8356
9.	Urban Models	SM8357
10.	Workshop on Urban and Transport Models (if II.8 and/or II.9 is also taken)	SM8358
11.	Models of Social Processes (normally only if II.5 is also taken)	SM8213
12.	Statistical and Economic Aspects of Educational Planning (normally only if II.5 is also taken)	SM8214
13 & 14.	Public Policy Analysis (one unit)	SA6632
15.	Systems Analysis I	SM8305
16 & 17.	Advanced Systems Analysis (one unit)	SM8304
18 & 19.	Computers in Information Processing Systems (one unit)	SM8302
20.	Statistical Sources, Packages and Data Analysis	SM8254
21.	(i) Basic Time Series and Forecasting: Robust Methods and Non-parametrics	SM8256
	or (ii) Statistical Techniques for Operational Research	SM8253
22.	Game Theory I	SM8002
23.	Game Theory II (if II.22 is also taken)	SM8003
24 & 25.	Any other subject(s) approved by the student'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 with a half-unit from courses II.1 to II.14. Students who have already covered material comparable to that in I.3 will normally be required to replace it from any courses listed in II.1 to II.25. A report on an agreed subject may be submitted to count as either a half-unit or as one unit provided that the minimum number of half-units from II.1 to II.7 and from II.1 to II.14 is also taken, and that at least six hours of unseen written examinations are taken.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of the three compulsory subjects I.1 to I.3 and will be taken after the completion of courses for 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. 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	June

Politics 1 — History of Political Thought**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
Four written papers:		
1.	Nature and Scope of Intellectual History	Gv4000
2.	Critical Problems in the History of Political Thought	Gv4001
3.	Set Text (Candidates will choose <i>one</i> of a list of specified authors)	Gv4010-18
4.	Essay paper	

Dates of Examination

Written papers	September
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Politics 2 — The Politics and Government of the U.K.**Duration of Course of Study**

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Either Four written papers
or Three written papers and an essay written during the course

Paper Number	Paper Title	Study Guide Number
1, 2 & 3. <i>Three</i> of the following:		
(a)	The State in Britain	Gv4025
(b)	Interpretations of the Constitution	Gv4026
(c)	The History of British Politics in the Twentieth Century	—
(d)	Modern British Political Ideas	Gv4028
4.	(a) An essay to be written under examination conditions; candidates will be given a choice of essay titles drawn from work covered during the course of study	
	or (b) (by arrangement) An essay of not more than 10,000 words, written on any approved topic during the course of study	

Candidates may, subject to the approval of their teachers, substitute any other paper which is offered for the M.Sc., LL.M., or M.A., for one of the papers listed under 1, 2 and 3 above. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students 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
Essay 15 September

Politics 3 — Political Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers	
1.	Theories and Concepts of Political Sociology	Gv4040
2.	Revolutions and Social Movements	Gv4041
3.	The Study of Political Behaviour	Gv4042

and

II. An essay of about 15,000 words written on an approved topic during the course of study.

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M., or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students 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 September
Essay 1 August

Politics 4a — The Politics and Government of Russia

Additional Entry Qualifications

An ability to read political texts in Russian. If this is lacking a two-year course, involving intensive study of the Russian language in the first year, will be necessary.

Duration of Course of Study

Full-time: At least one calendar year, depending on the student's knowledge of Russian.

Part-time: At least two calendar years, depending on the student's knowledge of Russian.

Examination

Paper Number	Paper Title	Study Guide Number
1, 2 & 3.	Three of the following:	
(a)	Russian Political Institutions — 1861-1917	Gv4051
(b)	Russian Political Thought — 1815-1980	Gv4052
(c)	The Development of the Soviet Polity	Gv4053
(d)	Soviet Political Institutions	Gv4054

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study

Part-time students 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 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 September
Essay 15 September

Politics 4b — The Politics and Government of Russia (without Russian Language)

Curriculum

Set texts will be studied in translation

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
1, 2 & 3.	Three of the following:	
(a)	Russian Political Institutions — 1861-1917	Gv4051
(b)	Russian Political Thought — 1815-1980	Gv4052
(c)	The Development of the Soviet Polity	Gv4053
(d)	Soviet Political Institutions	Gv4054

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study.

Part-time students may, with the approval of the School, take the examination in two parts. The first 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	September
Essay	15 September

Politics 5 — Comparative Government

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers	
1.	Comparative Government	Gv4065
2 & 3.	Two of the following papers:	
(a)	Government and Politics of the U.S.S.R.	Gv4050
(b)	The Government and Politics of France	Gv4090
(c)	The Government and Politics of Germany	Gv4100
(d)	Government and Politics of a selected African country	Gv4120
(e)	The Regulation of the Economy by Government in the U.S.A.	Gv4130
(f)	Government and Politics of Scandinavia	Gv4110
(g)	Government and Politics of Eastern Europe	Gv4060
(h)	Government and Politics of Latin America	Gv4140

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 supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M., or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students may, with the approval of the School, take the examination in two parts. The first 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	September (June for papers 2 & 3(b), (c), (d), (e), (f), (g) and (h) and, if appropriate, the substituted paper referred to above)
Essay	15 September

Politics 6 — Public Administration and Public Policy

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers	
1.	Comparative Administrative Systems	Gv4160
2.	Public Policy and Planning	Gv4161
3.	One of the following:	
(a)	Comparative Local Government	Gv4162
(b)	Comparative Public Enterprise	Gv4163
(c)	Administration and Government in New and Emergent States	Gv4122
(d)	Administration in Regional and Urban Planning	Gv4164
(e)	Regulation of the Economy by Government in the U.S.A.	Gv4130
(f)	Public Policy in Italy and France	Gv4165
(g)	European Social Policy	SA6645

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 supervisor, substitute for one of the written papers listed in section 3 above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

In exceptional circumstances, a candidate may be allowed, subject to the supervisor's approval, to substitute a second optional paper from 3 above, or from the M.Sc. in Social Policy and Planning or from any other paper which is offered for the M.Sc. in Politics, for one of the papers 1 or 2 above.

Part-time students 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 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

Politics 7 — The Politics and Government of Western Europe

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>Study Guide Number</i>
I.	Three written papers	
1.	The Politics and Government of Western Europe	Gv4071
2.	One of the following:	
(a)	The Government and Politics of Germany	Gv4100
(b)	The Government and Politics of France	Gv4090
(c)	Government and Politics of Scandinavia	Gv4110
3.	Either another paper from 2 above or one of the following:	
(a)	European Multiparty Systems	Gv4091
(b)	Public Policy in Italy and France	Gv4165
(c)	European Social Policy	SA6645
(d)	European History Since 1945	Hy4540
(e)	The Politics of Western European Institutions	IR4751
(f)	The International Politics of Western Europe	IR4750

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 supervisor, substitute for one of the written papers listed in section 3 above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students 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
Essay	15 September

Politics 8 — Politics and Government in Africa

(This course is not currently offered)

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>Study Guide Number</i>
I.	Three written papers	
1.	African Government and Politics	Gv4121
2.	International Politics in Africa	IR4755
3.	Government and Politics of a Selected African State	Gv4120

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 supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Part-time students 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 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 the first 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

Politics 9 — Political Philosophy**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>Study Guide Number</i>
<i>Either</i> Three written papers and an essay written during the course		
<i>or</i> Four written papers		
1.	Greek Political Philosophy: The Concept of Justice	Gv4005
2.	Modern Political Philosophy: Freedom and Equality	Gv4006
3.	Set Text (candidates will choose from one of a list of specified authors)	Gv4010-18
4.	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 paper 3 above or for the essay any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates for the course under which it is listed.

Dates of Examination

Written papers	September
Essay	15 September

Politics of the World Economy**Duration of Course of Study***Full-time:* One academic year. *Part-time:* Two academic years.**Examination**

<i>Paper Number</i>	<i>Paper Title</i>	<i>Study Guide Number</i>
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)	Economic Development	Ec1521
(f)	International Political Economy of Natural Resources	IR4644
(g)	Ocean Politics: Theories and Issues (<i>provisional</i>)	IR4646

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 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	June

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	Study 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

and

II. *Either* 1. An essay of not more than 10,000 words on an approved topic
or 2. A report of not more than 10,000 words on practical exercises carried out during the course

and

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

Dates of Examination

Written papers	June
Essay/report	15 September

Sea-Use Law, Economics and Policy-Making

Duration of Course of Study

Full-time: One calendar year.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1.	Marine Science, Resources and Technology	
2 & 3.	Two papers from:	
(a)	International Law of the Sea	LL6060
(b)	National and International Problems in Sea-Use Policy-Making	SU4550
(c)	Economics	Ec2520
(d)	Financial Reporting and Management	Ac2150

and

II. An essay of not more than 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 two weeks at the University Marine Biology Research Laboratory.

Social Administration and Social Work Studies

1. Social Policy and Planning

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

Paper Number	Paper Title	Study 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	SA6640
(b)	Planning of Health Services	SA6641
(c)	Income Maintenance and Social Security Policies	SA6642
(d)	Planning of Personal Social Services	SA6643
(e)	Housing and Urban Planning	SA6644
(f)	Education Policies and Administration	So6881
(g)	Sociology of Deviant Behaviour	SA6645
(h)	European Social Policy	
(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

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 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

2. Social Work Studies

Additional Entry Qualifications

Field work experience in a social work agency; candidates must also satisfy the selectors as to their personal suitability for social work.

Duration of Course of Study

Full-time: One calendar year.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1.	Social Work Studies	SA6700
2.	Social Problems and Social Services	SA6701
3.	Human Growth and Behaviour	SA6702

and

- II. Assessment of field work based on supervisors' report and an essay dealing with an aspect of this work approved by the candidate's teachers.

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as required by the School, unless the examiners determine otherwise.

Dates of Examination

Written papers	June
Essay	1 September

3. Social Policy and Social Work Studies

Duration of Course of Study

Full-time: Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1.	Theories and Practice of Social Work	SA6680
2.	Psychology, Human Growth and Behaviour	SA6681
3.	Social Policy and Administration	SA6630

and

- II. Assessment of fieldwork based on supervisors' reports and a report of not more than 10,000 words dealing with an aspect of this work approved by the candidate's teachers

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as directed by the School, unless the examiners determine otherwise.

Dates of Examination

Written papers	June of the second session
Report	1 September of the second session

Social Anthropology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1.	General Principles of Social and Cultural Anthropology	An2210
2.	Political and Economic Institutions	An2211
3.	Magic and Religion	An2212

and

- II. An essay of not more than 10,000 words on an approved topic within one of the following fields:
- Ethnography of a Region with Special Reference to Selected Peoples (any region indicated for the B.A. degree in Anthropology examination, or Latin America, or the Mediterranean, may be offered)
 - Applied Social Anthropology
 - Social Change in Developing Societies
 - Social Anthropological Studies of Sectors of Complex Modern Societies
 - Anthropological Linguistics
 - Primitive Technology
 - Primitive Art
 - Islamic Societies and Cultures
 - Any other topic approved by the candidate's 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 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

Social Philosophy

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.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers selected with the approval of the candidate's teachers as follows (Papers (d), (e) and (f) under 3 below are not available to candidates who do not possess a first degree in philosophy or equivalent training in philosophy):	
1.	Social Philosophy	Ph6250
2.	Philosophy of the Social Sciences	Ph6208
3.	One of the following:	
(a)	Elements of Logic	Ph6209
(b)	Logic	Ph6201
(c)	History of Epistemology	Ph6204
(d)	Metaphysics and Epistemology	Ph6205
(e)	Advanced Scientific Method	Ph6200
(f)	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 papers 1 and 2

Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above. Exceptionally, candidates may be permitted to substitute for the essay a further paper listed under 3 above.

Dates of Examination

Written papers June
Essay 15 September

Social Planning in Developing Countries

Additional Entry Qualification

Several years' practical experience in relevant work.

Duration of Course of Study

Full-time: One calendar year.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three written papers as follows:	
1.	Social Policy and Planning in Developing Countries	SA6760

2 & 3. Two of the following:

(a)	Planning Health Development	—
(b)	Planning Welfare Services and Social Security	SA6762
(c)	Social and Economic Aspects of Urbanization	SA6763
(d)	Rural Development	SA6764
(e)	Social Implications of Education and Manpower	SA6765
(f)	An approved paper from another branch of M.Sc. study	

and

II. An essay of not more than 10,000 words on an approved topic

Dates of Examination

Written papers Third week of June
Essay The last Friday in August

Social Psychology

Courses relevant to four papers, as given below, and a report of not more than 10,000 words on an approved topic. In addition, the curriculum will include Methods of Research in Social Psychology which will comprise two sections: (a) research assignments and designs, together with a formally assessed course on methods of research, and (b) weekly exercises in statistics and computing, together with a statistics test.

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 elements to a total of four units, as detailed below. All elements other than "Contemporary Social Psychology" and "Methods of Research in Social Psychology" are half-units. The examination for each half-unit, other than the Report, will be by means of a two-hour unseen examination paper and an essay written during the year. Paper I, "Contemporary Social Psychology", will be examined by means of a three-hour unseen examination paper and two essays written during the year.

Paper Number	Paper Title	Study Guide Number
I	Contemporary Social Psychology	Ps6423
II	Three of the following, selected with the approval of the candidate's teachers:	
(a)	Applied Developmental Psychology	Ps6414
(b)	Personality and Social Pathology	Ps6415
(c)	Sociological Forms of Social Psychology	Ps6422
(d)	The Social Psychology of the Media	Ps6416
(e)	Psychological Aspects of Legal Processes	Ps6417
(f)	Life-Span Development	Ps6418
(g)	Decision Making and Decision Support Systems	Ps6419
(h)	People and Organisations	Ps6420
(i)	The Social Psychology of Conflict	Ps6421
(j)	An approved paper 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 project approved by the candidate's teachers Ps6499
- IV Methods of Research in Social Psychology Ps6498
Assessment of course work in the form of research assignments and designs, formal assessments in methods of research and in statistics, weekly exercises in statistics and computing, and a statistics test.

Candidates allowed to take a three-hour written paper under II (j) will be required to take only one other paper under Section II.

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 assessment of those parts of the course work already completed, and either Paper I or two papers under II. It will be taken after completion of the appropriate courses. 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 Examinations

Written papers	June
Report	30 June, or two weeks after the date of the last written paper whichever is the later.

Sociology

Duration of Course of Study

Full-time: One calendar year. Part-time: Two calendar years.

Examination

Paper Number	Paper Title	Study Guide Number
I.	Three papers as follows:	
1.	Methods of Sociological Study	So6800
2 & 3.	Two of the following	
(a)	Social Structure of Industrial Societies	So6830
(b)	Sociology of Development	So6831
(c)	Sociology of Deviant Behaviour	So6881
(d)	Sociology of Religion	So6880
(e)	Industrial Sociology	Id4221
(f)	(i) Theories of Political Sociology	So6853
	or (ii) Political Stability and Change	So6852
(g)	Medical Sociology	So6882
(h)	Sociological Theory	So6815
(i)	Nationalism	So6850
(j)	The Political Sociology of Latin America	So6854

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

Sociology and Statistics

Additional Entry Qualifications

A candidate who wishes to take a combination of subjects for which, given the candidate's previous qualifications, one year's work is likely, in view of the teachers concerned, to be inadequate, may be permitted to take the course over two years, the first year of which would be devoted wholly or partly to preliminary courses in appropriate subjects, followed by a qualifying examination before admission to the second year.

Duration of Course of Study

Full-time: One calendar year or two calendar years (see above).

Part-time: Two calendar years (or longer if required — see above)

Examination

- I. Candidates will be examined on courses to the value of three whole units selected with the approval of the candidate's teachers. Unless otherwise specified, all courses in the list below have a value of one whole unit and are examined by means of a three-hour paper. Half-units are examined by means of a two-hour paper.

Paper Number	Paper Title	Study Guide Number
1 & 2.	Papers to the value of two whole units selected from the following:	
(a)	Statistical Sources, Packages and Data Analysis ($\frac{1}{2}$ unit)	SM8254
(b)	Stochastic Processes ($\frac{1}{2}$ unit)	SM8203
(c)	Sampling Theory and Multivariate Methods ($\frac{1}{2}$ unit)	SM8255
(d)	Basic Time Series and Forecasting: Robust Methods and Nonparametrics ($\frac{1}{2}$ unit)	SM8256
(e)	Multivariate Analysis and Linear Models ($\frac{1}{2}$ unit)	SM8257
(f)	Survey and Market Research Methods ($\frac{1}{2}$ unit)	SM8261
(g)	Models of Social Processes ($\frac{1}{2}$ unit)	SM8213
(h)	Statistical Techniques	SM8258
(i)	In exceptional cases, a course examined by a three-hour paper from another M.Sc. course in the faculty of Economics	
3.	One of the following	
(a)	Social Structure of Industrial Societies	So6830
(b)	Sociology of Development	So6831
(c)	Sociology of Deviant Behaviour	So6881
(d)	Sociology of Religion	So6880

(e) Industrial Sociology	Id4221
(f) Race Relations	So6851
(g) (i) Theories and Concepts of Political Sociology or (ii) Political Stability and Change	So6853
(h) Sociological Theory	So6852
(i) Nationalism	So6815
	So6850

and

- II. A report of not more than 10,000 words on a subject to be approved by the candidate's teachers falling within the range of options in paper 3 but excluding the field chosen for the written paper. The report must demonstrate the candidate's ability to apply quantitative methods to an appropriate field within Sociology.

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, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) 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 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

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.

Paper Number	Paper Title	Study Guide Number
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I.		
1.	Statistical Sources, Packages and Data Analysis	SM8254
2.	Stochastic Processes	SM8203
3.	Sampling Theory and Multivariate Methods	SM8255
4.	Basic Time Series and Forecasting; Robust Methods and Nonparametrics	SM8256

II. Courses totalling four half-units II.1 to II.13

1.	Multivariate Analysis and Linear Models	SM8257
2.	Time Series	SM8259
3.	Survey and Market Research Methods	SM8261
4.	Models of Social Processes	SM8213
5.	Statistical and Economic Aspects of Educational Planning	SM8214
6.	Advanced Econometrics (whole unit)	Ec2562
7.	Mathematical Programming 1	SM8354
8.	Computer Modelling for Operational Research	SM8349

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|----------|---|--------|
| 9. | Demographic Techniques and Analysis (whole unit) | SM8110 |
| 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 will 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

M.Sc. in the Faculty of Science

Mathematics

Additional Entry Qualifications

A candidate for registration will normally be expected to have obtained a B.Sc. with First or Second Class honours of the University of London, 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

- 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.
- 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. The courses may not overlap in any important respect and together must form a coherent curriculum.
- A candidate may enter for the examination only in examinable courses listed in the booklets entitled 'Advanced and Postgraduate Lectures in Pure Mathematics', and 'Advanced and Postgraduate lectures in Applied Mathematics' (a copy of which may be obtained from the University of London's Science Faculty office). The School's contribution is chiefly in the areas of Mathematical Logic and Operational Research.
- The detailed regulations on the numbers of courses to be taken are available for inspection in the Graduate School Office.

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.

M.A. in the Faculty of Arts

International History

The course will extend over one academic year, or in the case of part-time students over two academic 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.

A knowledge of at least one European language in addition to English is advisable, and for certain courses, will be essential. The requisite language or choice of languages is listed in brackets after every topic under 3.

Paper Number	Paper Title	Study Guide Number
1.	One of the following general periods, including a knowledge of its sources and historiography:	
	(a) 1815-1870	Hy4409
	(b) 1870-1914	Hy4412
	(c) 1914-1946	Hy4415
2.	Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under Paper 1:	
	(a) 1815-1919	Hy4428
	(b) 1919-1946	Hy4431
3.	A special aspect, to be studied with the appropriate period under Paper 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles:	
	(a) The Polish Question in International Relations, 1815-1864 (French, German or Polish required)	
	(b) Anglo-American Relations, 1815-1872	
	(c) The Habsburg Empire 1815-1853, with special reference to the Revolutions of 1848 (German advised)	
	(d) The Mehemet Ali Crises, 1833-1841 (French required)	

- (e) Cobden, Free Trade and Europe 1846-1880 (French advised)
 - (f) The Coming of War, 1913-1914 (French or German advised)
 - (g) The Powers and the West Pacific, 1911-1941 (French advised)
 - (h) The Peace Settlement of 1919-1921 (French advised)
 - (i) The Foreign Policy of the Weimar Republic, 1919-1933 (German required)
 - (j) The Military Policies of the Great Powers, 1919-1939 (French or German advised)
 - (k) The Comintern and its Enemies, 1919-1943 (French, German or Russian advised)
 - (l) The Period of 'Appeasement', 1937-1939 (French, German or Italian required)
 - (m) The European Settlement, 1944-1946 (French advised)
4. Dissertation, of not more than 10,000 words.

Dates of

Examination	Full-time	Part-time
Written papers	June	June of the final year
Dissertation	By 30 September of the same year	By 30 September of the same year

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

<i>Full-time:</i>	One academic year for candidates offering four written papers. One calendar year for candidates offering three written papers and a dissertation.
<i>Part-time:</i>	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

LL.M. in the Faculty of Laws

Additional Entry Qualifications

A first degree with a substantial law content.

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.

Curriculum

Candidates must offer four of the full subjects (or three of the full subjects and two of the half-subjects) listed below, *or* with the leave of the School, three of the full subjects (or two of the full subjects and two of the half-subjects) listed below and an essay written during the course of study on an approved legal topic.

In place of one of the full subjects listed below a candidate may exceptionally be permitted (with the permission of the School) to select a complementary subject of equivalent level examined by means of written papers from any other Master's course in the University. Any subject so selected must be submitted for approval to the University, normally *early in the first term* of the session in which the candidate is first registered. Late applications will not normally be considered. The examination in the substituted subject will take place at the time specified in the regulations for the course under which that paper is listed.

Examination

Either written papers on each of the subjects* selected,
or with the leave of the School

1 a written paper on each of the three subjects (or two subjects and two half-subjects)* selected;

and **2** an essay of not more than 15,000 words on a legal topic approved by the School and notified to the University. The essay 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 for examination. The essay must be submitted in duplicate in typescript;

and **3** an oral examination (unless the examiners otherwise determine).

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 Printers copy of any statute which the Board of Examiners for the time being has prescribed
- (2) a copy of any other materials which the Board of Examiners for the time being has prescribed.

Personal annotation on statutes and other materials permitted to be taken into the examination is forbidden.

Part-time students may take the examination in two parts; further information is available from the Graduate School Office.

*Except that paper 1, Jurisprudence and Legal Theory, paper 2, Law and Social Theory, and paper 11, Evidence and Proofs, an essay of 8,000 words must be submitted in addition to the formal examination.

Dates of Examination	Full-time	Part-time
Written	Between 25 August and 15 September	Between 25 August and 15 September
Essay	1 July	1 July of final year

Subjects of Study

Seminars marked with an asterisk in the list below are given by teachers of the School. Those not so marked are given at other Colleges of the University. Students registered at this School must choose at least *two* subjects marked with an asterisk.

Students may opt to have the title of a specialist subject grouping entered on their degree certificate, if most of their examinations fall within one of a number of subject groupings approved by the University for this purpose. Information on the subject groupings is available from the Graduate School Office and the Law Department.

Paper Number	Paper Title	Study Guide Number
1.	Jurisprudence and Legal Theory	
2.	Law and Social Theory*	LL6003
3.	Legal History	
4.	Modern Legal History*	LL6004
5.	Administrative Law	
6.	Public Interest Law*	LL6156
7.	Comparative Constitutional Law I*	LL6150
8.	Comparative Constitutional Law II*	LL6151
9.	Comparative Constitutional Law III	
10.	The Principles of Civil Litigation*	LL6010
11.	Evidence and Proof	
21.	Company Law*	LL6076
22.	Insurance	
23.	Marine Insurance*	LL6142
24.	Carriage of Goods by Sea*	LL6140
25.	Maritime Law	
26.	Law of Personal Taxation*	LL6101
27.	Law of Business Taxation*	LL6100
28.	Law of Credit and Security	
29.	Commercial Arbitration	
30.	Legal Responsibilities of Banks (<i>half-subject</i>)	
31.	Corporate Insolvency (<i>half-subject</i>)	
32.	Corporate Securities Regulation (<i>half-subject</i>)	
41.	Industrial and Intellectual Property*	LL6075
42.	Modern Information Law (<i>half-subject</i>)	
43.	Franchising Law (<i>half-subject</i>)	
44.	Aspects of Technology Transfer (<i>half-subject</i>)	
45.	Law of Management and Labour Relations*	LL6111
46.	Individual Employment Law*	LL6110
47.	Monopoly, Competition and the Law* (Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in subject 66, European Community Law, nor subject 67 European Community Competition Law)	LL6032
48.	Economic Analysis of Law*	LL6030
49.	International and Comparative Labour Law	
51.	The Law of Property Development	
52.	The Law of Charities and Voluntary Organizations	

53. The Law of Landlord and Tenant
 54. Planning and Environmental Control
 55. Law of Estate Planning
 56. The Law of Restitution* LL6085
 57. Housing Law: Public Provision and Standards
 61. Comparative Law of Contract in Roman and English Law
 62. Comparative European Law
(Candidates taking the Soviet Law option for this subject may not take subject 107, Soviet, East European and Mongolian Law)
 63. Comparative Criminal Law and Procedure* LL6120
 64. Comparative Family Law* LL6018
(Candidates taking this subject may not take Special Subject (n) of 107, Soviet, East European and Mongolian Law. Candidates taking option (4) for this paper – The Law of the Overseas Chinese Communities in Singapore and Hong Kong – may not offer subject 105, Chinese Customary Law)
 65. Comparative Conflict of Laws
 66. European Community Law* LL6015
(Candidates offering special subject (b) Community Law relating to Competition may not offer subject 47, Monopoly, Competition and the Law, nor subject 67, European Community Competition Law)
 67. European Community Competition Law* LL6031
(Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in Subject 66, European Community Law, nor subject 47, Monopoly, Competition and the Law)
 68. Comparative Commercial Law of the Middle East
 69. Legal Framework of East-West Trade (half-subject; candidates offering this half-subject may not offer the Special Subject (m) in subject 107)
 71. History of International Law
 72. Methods and Sources of International Law
 73. Comparative Approaches to International Law (half-subject)
 74. Law of International Institutions* LL6048
 75. Law of European Institutions* LL6049
 76. Air and Space Law I
 77. Air and Space Law II
 78. International Law of the Sea* LL6060
 79. International Economic Law* LL6054
 80. International Law of Armed Conflict and the Use of Force
 81. Legal Aspects of Defence Studies
 82. International Business Transactions* LL6033
 83. International Law of Natural Resources* LL6057
 84. Multinational Enterprises and the Law* LL6061
 85. Legal Aspects of International Finance
 86. International Environmental Law* LL6063
 91. Law of Treaties
 92. International Protection of Human Rights* LL6052
 101. African Law of the Family and Succession
 102. Law of Land and Natural Resources in Africa South of the Sahara
 103. Law and Society in South Asia

104. Islamic Family Law
 105. Chinese Customary Law
 106. Modern Chinese Law
 107. Soviet, East European and Mongolian Law* LL6176
(Candidates taking Special Subject (n) of this subject may not take subject 64, Comparative Family Law. Candidates taking Special Subject (m) of this subject may not take half-subject 69. Candidates taking any part of this subject may not take the Soviet Law option under subject 62, Comparative European Law)
 111. Theoretical Criminology* LL6121
 112. Applied Criminology* LL6122
 113. Sentencing and the Penal Process* LL6124
 114. Juvenile Justice
 115. Child Law

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.

General regulations and qualifications for admission

The minimum entrance 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.

Students wishing to read for the Ph.D. will normally 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.)

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.

Psychology (Ph.D.)

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 or other degree accepted by the University as equivalent. Other candidates will normally be registered in the first instance for the M.Phil. degree.

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

Every student is required to pursue a regular course of study at the School under supervision of a Recognised Teacher or Teachers of the University. 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.

The course of study will extend over 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.

Students registered for the following subjects are expected to attend the programme of studies indicated. Students in other subjects should ask their supervisors or departmental conveners what is required of research students in the department.

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 may 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.

Economics

A structured programme will normally be followed by students for the M.Phil./Ph.D. in Economics. 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 traditional M.Phil./Ph.D. essentially by thesis only is available at the discretion of the Economics Department. Typically this discretion is exercised for students who have gained professional experience and have a well-formulated research programme.

The course work in the first year has four elements, two courses and two seminars. The course normally are Topics in Economic Analysis and one other course suited to the student's research interests to be agreed individually with the Department. The seminars are one in Research Strategy 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>Study Guide Number</i>
1.	Topics in Economic Analysis	Ec2495
2.	Normally a paper from the M.Sc. 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
4.	A seminar for research students in Economics	Ec412

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 may be allowed to count for all or part of the period of registration for the M.Phil. degree, towards registration for the Ph.D. degree.

Leave of absence for research

Leave of absence, under proper conditions, may be permitted if the material for the thesis exists elsewhere. A student granted leave of absence must in addition be in attendance at the School during the period of registration for the degree for not less than three terms (six terms for part-time students for the Ph.D.); neither the first nor the last term of the minimum course can be counted as leave of absence.

Thesis requirements

As soon as possible after registration, students should decide with their supervisor(s) the subject of their research and inform the Graduate School Office. Subsequent changes of the field of research should also be reported to the Graduate School 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 respects 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 an 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 School Office, such application being made at least six months before the presentation of the thesis:

Anthropology: 100,000, excluding notes, 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 School 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 presentation are issued to candidates with the examination entry form.

Entry for Examination

Examination entry forms are available from the Graduate School Office, and should be returned about three or four 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 School 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.

Dates of Examinations

1986-1987

First Degrees

The main period of examination in 1987 for the following School-based degrees will be from Tuesday 26 May to Friday 12 June:

B.Sc. (Econ.) Parts I and II	} by course units
LL.B.	
B.Sc. Degree	
B.A. Degree	

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 degrees, a special examination entry form must be completed:

B.A. History
B.Sc. Social Science and Administration

The closing dates for entry and the examination timetable for papers in these courses 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. However, if a candidate is taking a graduate course and examination, the date of the examination will be determined within the timetable for the relevant graduate course.

Diplomas

The timetable and examination entry procedures for Diploma Students are in general the same as those given above. Different arrangements apply for the Diplomas in Housing, Social Planning in Developing Countries and Social Policy and Administration (students will be notified individually of the arrangements) and for the University Diplomas in Law and in International Law (arrangements are described in the course entries in the preceding pages).

Master's Degrees

Students registered in the Graduate School should obtain their entry forms from the Graduate School Office at least one month before the closing date. The entry procedure 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.

M.Sc.	
Entry closes	1 February 1987 for June examination (including candidates for September branches who have chosen an optional paper which is examined in June)
	1 May 1987 for September examination
Examination begins	Either 15 June 1987 or 1 September 1987 according to subject
M.A. Area Studies, History	
Entry closes	1 February 1987
Examination begins	15 June 1987
LL.M.	
Entry closes	1 May 1987
Examination begins	25 August 1987

Part III: Study Guides

This part of the *Calendar* presents detailed information about the teaching provided in the School. Each teaching department has its own section. Each departmental section contains

- a list of lecture and seminar courses offered by the department, cross-referenced to
- Study Guides, setting out syllabuses, reading lists, and other essential information about teaching and examinations.

The introductory course "The Social Sciences: An Historical Introduction" is described below as an example of the layout for each departmental section.

The lecture and seminar lists and the Study Guides are in numeric sequence. Both series have a common departmental prefix (e.g. Ac for Accounting; Ec for Economics), but after the prefix, the series differ.

Lectures and seminars have a three-digit number series. This number, and indeed the list itself, are used in the Sessional Timetable, published each August, setting 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).

Study Guides for the most part have a four-digit number series: the four-digit number is the examination subject code used in the University's computer systems. Most Study Guides relate to examinable courses identified in the regulations for one or other degree or diploma, and they set out the syllabus, information on prerequisites and the scope of the course, the preliminary reading list, essential cross-references to the lectures, seminars and classes each candidate must attend, and the details of the examination arrangements and methods of assessment.

Some Study Guides have a three-digit number. These Guides 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 Study Guide for any single examinable course. 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.

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 either in the Study Guide or in the lecture and seminar list (courses marked by an asterisk). At the end of the Study Guides, there is an index of subjects covered in the lectures and seminars given at the School. The index provides a cross-reference to the relevant Study Guide(s). The index is intended to help students identify the courses and the teachers dealing with any of the subjects he or she may be interested in.

Degree and Diploma students should first read (in Part II of the Calendar) the Regulations for their particular degree, governing the choice of examination subjects. These refer them to the Study Guide for each examination paper which in turn refers to the lecture and seminar series, listed both here and in the Sessional Timetable.

The School reserves the right at all times to withdraw or alter particular courses and syllabuses.

Department	Prefix	Page
Accounting and Finance	Ac	367
Anthropology (Social)	An	376
Business Studies	BS	385
Economics	Ec	386
Economic History	EH	426
Geography	Gy	447

Government	Gv	472
Industrial Relations	Id	511
International History	Hy	519
International Relations	IR	543
Languages	Ln	571
Law	LL	579
Philosophy	Ph	624
Population Studies	Pn	637
Psychology (Social)	Ps	648
Social Science and Administration	SA	663
Sociology	So	705
Statistical and Mathematical Sciences	SM	727
Sea-Use Courses	SU	773
Index of Subjects for Study Guides		774
Index of Teachers for Study Guides		787

INTRODUCTORY COURSES

This section is in two parts. The first part lists lectures and seminars. The list provides a cross reference to the Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
GC100	The Social Sciences: an Historical Introduction Professor D. G. MacRae	20/ML	GC100
GC500	Introduction to Study for the M.Phil. and Ph.D. Dr. Martin Bulmer and others	1 All Day	GC500

Study Guides

The Social Sciences: an Historical Introduction

Teacher Responsible: Professor D. G. MacRae, Room A454B (Secretary, Mrs. Jean Ridyard, A451)
Course Recommended for any interested students, particularly first-year students, General Course and Beaver College students; also relevant for research students.

Teaching Arrangements: Twenty lectures, Michaelmas and Lent Terms.

Syllabus: Michaelmas Term: historical background to 1776; Lent Term: from 1776 to 1963.

Examination Arrangements: examinable for General Course and other appropriate students either *in toto* or by term.

GC500

Introduction to Study for the M.Phil. and Ph.D.

Teacher Responsible: Dr. Martin Bulmer, Room A224 and others (Secretary, Mrs. C. Raffan, A244)
Course Recommended for: all first year research students preparing for the M.Phil. and Ph.D. degrees.

Teaching Arrangements: One whole day (date to be announced) Michaelmas Term. (Repeated in Lent Term if demand warrants).

Syllabus: Introduction to the methods and materials of study for the M.Phil. and Ph.D. The purpose of the day 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. The day will be in six parts dealing with:

- (1) Organising one's time;
- (2) Bibliographical tools;
- (3) Computing at the School;
- (4) Keeping track of one's materials;
- (5) Drafting and writing;
- (6) Language proficiency.

Reading List J. Barzun & H. Graff, *The Modern Researcher*; J. Calnan, *Coping with Research: a complete guide for beginners*; C. J. Parsons, *Theses & 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*; K. Turabian, *A Manual for Writers of Research Papers, Theses and Dissertations*; H. Zeisel, *Say It With Figures*; E. R. Tufte, *The Visual Display of Quantitative Information*; C. J. Mullins, *A Guide to Writing and Publishing in the Social and Behavioural Sciences*; E. Harman & I. Montagnes (Ed.), *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*.

Examination Arrangements: This course is non-examinable.

ACCOUNTING AND FINANCE

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
Ac100	Elements of Accounting and Finance Mr. C. J. Napier, Ms. J. F. S. Day and Ms. J. Rutterford	40/ML Ac1000; Ac1001
Ac103	Managerial Accounting: Accounting Information Systems Dr. M. Walker	10/M Ac1021
Ac104	Managerial Accounting: Accounting for Management Decisions	30/MLS Ac1021
Ac106	Financial Accounting Mr. C. W. Noke, and Mr. C. J. Napier	30/MLS Ac1122
Ac107	Financial Management Ms. S.-I. Ung	18/MLS Ac1123
Ac108	Capital Market Investment Ms. J. Rutterford	12/L Ac1123
Ac114	Basic Programming for Accounting and Finance Dr. M. Walker	Arranged by the Department
Ac120	Business Finance for Trade Union Studies Course Mr. J. W. Smith	10/M
Ac155	Corporate Finance Dr. M. Walker and Ms. J. Rutterford	30/MLS Ac2000
Ac156	Advanced Financial Accounting Professor M. Bromwich, Professor B. Carsberg, Professor H. C. Edey, Professor W. T. Baxter and Mr. C. W. Noke	30/MLS Ac2001
Ac157	Advanced Management Accounting Professor M. Bromwich and Professor A. Hopwood	22/MLS Ac2002; Ac2003

Lecture/ Seminar Number		Study Guide Number
Ac159	Financial Statement Analysis Ms. S.-I. Ung and Ms. J. Day	11/ML Ac2002; Ac2003
Ac161	Financial Management and Reporting for the Multinational Firm Professor B. Carsberg, Ms. J. Rutterford and Mr. Mitchell	11/LS Ac2002; Ac2003
Ac162	Research Topics in Accounting and Finance Professor M. Bromwich, Professor A. Hopwood and others	20/MLS
Ac163	Information Analysis and Financial Reporting Dr. M. Walker	11/LS Ac2002; Ac2003
Ac164	History of Accounting	10/L Ac2002; Ac2003
Ac170	Financial Reporting and Management Dr. M. Walker and Ms. J. F. S. Day	15/MLS Ac2150

Study Guides

Ac114 Basic Programming for Accounting and Finance

Teacher Responsible: Dr Martin Walker, Room A382 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for B.Sc. (Econ.) Part I students who intend to specialise in Accounting and Finance at Part II. Diploma in Accounting and Finance. M.Sc. in Accounting and Finance.

Scope: This non-examined course is designed as a self-taught aid for students who have not studied computing before and who do not plan to take a course provided by the Department of Statistical and Mathematical Sciences at LSE. The aim of the course is to introduce students to the use of microcomputers for dealing with problems of an accountancy or finance nature. B.Sc. (Econ.) Accounting and Finance students who complete the course will have sufficient knowledge to take Ac103 **Accounting Information Systems** (see Study Guide Ac1021) in their second year.

Syllabus: The main topics covered in the course will be: using the machine as a calculator; typing and saving programs on disc; the main BASIC programming steps; processing of vectors and matrices; how to produce readable output; processing words and sentences; saving data on disc; introduction to procedures; random numbers.

Pre-requisites: None.

Teaching Arrangements: **BASIC Programming:** A set of self-study notes for students to teach themselves BASIC programming is available from Miss Chouchan (A385) (see Reading List below).

Computing Equipment: Students taking this course will be permitted to use the BBC microcomputers in the Accounting and Finance Computing Room (A376). A booking system is in operation and all students should book times, and make arrangements to collect and return the key, with Miss Chouchan.

Written Work: To test the student's understanding, four exercises are to be attempted. Sample solutions are provided.

Reading List: M. Walker, *BASIC Programming for Accounting and Finance* (available only from Room A385).

Examination Arrangements: There is no examination for this course.

Ac120 Business Finance for Trade Union Studies Course

Teacher Responsible: Mr. J. W. Smith

Course Intended Primarily for the Trade Union Studies course.

Teaching Arrangements: 10 hours of lectures: Ac120, Michaelmas Term.

Ac162 Research Topics in Accounting and Finance

Teachers Responsible: Professor Michael Bromwich, Room A384 (Secretary, A383) Professor Anthony Hopwood, Room A312 (Secretary, A385) and others.

Course Intended Primarily for M.Sc. and research students.

Teaching Arrangements: 20 meetings (Ac162), Michaelmas and Lent Terms.

Ac1000 Elements of Accounting and Finance

Teacher Responsible: Mr. Christopher J. Napier, Room A310 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for B.Sc. (Econ.) Part I (d). B.Sc. (Econ.) Part II IV Industry and Trade 6 & 7 (i) 2nd or 3rd year, VII Accounting and Finance 8 (b) 2nd year (if not taken at Part I), XII Computing 4 (e) 2nd or 3rd year, Non-specialist students (approved outside option).

B.Sc. (Maths/Stats/Comp/Actuarial Science), (Management Sciences) Course Unit 340/1000 1st year.

Diploma in Accounting and Finance 1 and 2

Diploma in Business Studies 1, 2 and 3

Diploma in Economics 2, 3 and 4 (j)

Diploma in Management Sciences V (a)

Scope: The aim of the course is to introduce students to the preparation, uses and limitations of accounting information and to the problems of finance and investment.

Syllabus: The course is divided into three modules: (1) Balance sheets, funds statements, income accounts and other accounting statements relating to past events and planned activities: their construction, use and interpretation.

(2) Accounting conventions: their nature, purposes and limitations. Standard accounting practices. Legal and economic considerations, including elements of taxation.

(3) Nature and risks of finance and investment, with particular reference to stock market investment.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Ac100

Elements of Accounting and Finance: 40 lectures.

There will be two lectures each week during Michaelmas and Lent Terms. Lecturers are:

Ms. J. F. S. Day (Room A315)

Mr. C. J. Napier (Room A310)

Ms. J. M. Rutterford (Room A307)

Classes: A total of 21 weekly classes commencing in the second week of Michaelmas Term. Ac100(a) for B.Sc. (Econ.) Part I students intending to specialise in Accounting and Finance at Part II, and already attached to the Department of Accounting and Finance, (their personal tutor will act as class teacher), Ac100(b) for non-specialists and Ac100(c) for Diploma and M.Sc. students. For non-specialists, class teachers may be members of the School's full-time teaching staff or be part-time teachers.

Written Work: Class exercise sets prepared by the lecturers will be distributed at the beginning of each

module. These sets include both numerical and discussion questions. Students will be expected to prepare answers to all exercises and these will be discussed in class and handed in to class teachers for scrutiny at the end of the class concerned. Detailed solution notes for each exercise will be given out by class teachers.

Reading List: Students are advised to purchase the following books:

(1) J. Arnold, T. Hope & A. Southworth, *Financial Accounting* (Prentice-Hall 1985) and

(2) G. Cummings, *Investors' Guide to the Stock Market* (3rd edn., Financial Times, 1984) or T. G. Goff, *Theory and Practice of Investment* (4th edn., Heinemann, 1982).

Supplementary Reading: This will be specified in the detailed Course Programme and Reading List which will be distributed at the first lecture in each module. **Examination Arrangements:** There is a three hour written examination in the Summer Term. The examination paper will consist of three sections, as follows:

Section A (30% of total marks): Between 10 and 15 short questions, all to be answered;

Section B (30% of total marks): a computational question;

Section C (40% of total marks): 4 questions involving both computational and discussion parts, each question carrying 20% of the total marks, 2 to be answered.

Ac1001

Elements of Accounting and Investment for Actuarial Science

Teacher Responsible: Mr. Christopher J. Napier, Room A310 (Secretary, Claudine Chouchan, A385) **Course Intended Primarily for** B.Sc. (Maths/Stats/Comp/Actuarial Science) Course Unit 340/1001 1st year.

Scope: The aim of the course is to introduce students to the preparation, uses and limitations of accounting information and to the problems of finance and investment.

Syllabus: The course is divided into three modules: (1) Balance sheets, funds statements, income accounts and other accounting statements relating to past events and planned activities: their construction, use and interpretation.

(2) Accounting conventions: their nature, purposes and limitations. Standard accounting practices. Legal and economic considerations, including elements of taxation.

(3) Nature and risks of finance and investment, with particular reference to stock market investment.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Ac100

Elements of Accounting and Finance: 40 lectures.

There will be two lectures each week during Michaelmas and Lent Terms. Lecturers are:

Ms. J. F. S. Day (Room A315)

Mr. C. J. Napier (Room A310)

Ms. J. M. Rutterford (Room A307)

Classes: Ac100(b): a total of 21 weekly classes commencing in the second week of Michaelmas Term. Ac100(d): five classes in Lent and Summer Terms.

Written Work: Class exercise sets prepared by the lecturers will be distributed at the beginning of each module. These sets include both numerical and discussion questions. Students will be expected to prepare answers to all exercises and these will be discussed in class and handed in to class teachers for scrutiny at the end of the class concerned. Detailed solution notes for each exercise will be given out by class teachers.

Reading List: Students are advised to purchase the following books:

(1) J. Arnold, T. Hope & A. Southworth, *Financial Accounting* (Prentice-Hall, 1985) and

(2) G. Cummings, *Investors' Guide to the Stock Market* (3rd edn., Financial Times, 1984); or T. G. Goff, *Theory and Practice of Investment* (4th edn., Heinemann, 1982).

Supplementary Reading: This will be specified in the detailed Course Programme and Reading Lists which will be distributed at the first lecture in each module.

Examination Arrangements: There is a three hour written examination in the Summer Term. The examination paper will consist of three sections as follows:

Section A (30% of total marks): between 10 and 15 short questions, all to be answered;

Section B (30% of total marks): a computational question;

Section C (40% of total marks): 4 questions involving both computational and discussion parts, each question carrying 20% of the total marks, 2 to be answered. In this section, the questions will cover finance and investment topics.

Ac1021

Managerial Accounting

Teacher Responsible: Professor Michael Bromwich, Room A384 (Secretary, Vivien Hope, A383), Professor Anthony Hopwood, Room A312 (Secretary, Kim Dorney, A385) and Dr. Martin Walker, Room A382 (Secretary, Claudine Chouchan, A385).

Course Intended Primarily for B.Sc. (Econ.) Part II, VII Accounting and Finance, 1, 2nd year.

Non-specialist students (approved outside option) 2nd or 3rd year.

B.Sc. (Maths/Stats/Comp/Actuarial Science), (Management Sciences) Course Unit (340/1021) 2nd or 3rd year.

Diploma in Accounting and Finance, 1 and 2(b).

Diploma in Business Studies, 1, 2 and 3(a) (ii).

Scope: The aim of the course is to introduce students to the role of management accounting in decision making and control within the enterprise. The course not only provides an insight into the technical aspects of modern management accounting systems but also emphasises the relevance of both microeconomic and organisational perspectives for appreciating the present functioning and normative design of such systems.

Syllabus: Accounting for Management Decisions (represents about three-quarters of the course). Introduction to the historical development of management accounting and the organisational roles served by it. Economic and organisational theories of management accounting. Introduction to decision analysis, cost-behaviour patterns, costing practices and cost allocation problems, cost-volume-profit analysis, price-output decisions, budgeting and budgetary control, the control of investment centres, and transfer pricing. Modern theoretical developments in management accounting and trends in practice.

Accounting Information Systems (represents about one-quarter of the course). An introduction to computer based accounting systems and accounting software. Accounting spreadsheets and elements of computer based accounts. Analysis and description of accounting systems. Introduction to systems analysis, internal control and database concepts.

Pre-Requisites: Elements of Accounting and Finance. Teaching Arrangements: Accounting for Management Decisions; 30 lectures (Ac104), 21 classes (Ac104a). **Accounting Information Systems;** 10 lectures (Ac103), 3 classes (Ac103a).

Written Work: Students will be expected to produce a piece of written work for each class. The work will be set by the lecturer for the course and will normally comprise an exercise requiring the application of the general principles covered in the lectures to a practical problem.

Main Reading List: N. Dopuch, J. Birnberg and J. Demski, *Cost Accounting* (Harcourt Brace Jovanovich, Inc., 3rd edn., 1982); C. Drury, *Management and Cost Accounting* (Van Nostrand Reinhold (U.K.), 1985); C. Emmanuel & D. Otley, *Accounting for Management Control* (Van Nostrand Reinhold (U.K.), 1985); R. Scapens, *Management Accounting: A Review of Recent Development* (Macmillan, 1985).

Examination Arrangements: A three hour formal examination will take place in the Summer Term.

Ac1122

Financial Accounting

Teacher Responsible: Christopher Noke, Room A311 (Secretary, Kim Dorney, A385)

Course Intended Primarily for B.Sc. (Econ.)

Part II, VII Accounting and Finance, 2.

Diploma in Accounting and Finance, 1 & 2(a)ii.

B.Sc. (Econ.) students will normally follow lecture course Ac106 in year 3.

Scope: The purpose of the course is to study the theory and practice of financial reporting. Accounting practices are examined in the light of their historical development, legal and other regulatory requirements and economic theories of income, value and capital.

Syllabus: Ac106 Financial Accounting. Financial accounting with particular reference to company accounts. Alternative approaches to accounting theory. Standardisation of practice and accounting for the effects of changing prices. The measurement of income, costs and depreciation. The valuation of assets. Current issues in financial accounting.

Pre-Requisites: This course is normally available only to Accounting and Finance specialists all of whom will have the requisite background.

Teaching Arrangements: Ac106: 30 lectures given by Mr Noke and Mr Napier in the Michaelmas and Lent Terms.

Ac106(a): 16 classes will accompany the Ac106 lecture course and will be held as follows: 9 classes, weekly in Michaelmas Term; 5 classes, fortnightly, in Lent Term; 2 classes in Summer Term. For third year B.Sc. (Econ.) Accounting and Finance specialists their Ac106(a) teacher will also be their personal tutor.

Written Work: Students will be expected to produce written work for each class and to submit this to their class teacher at the end of the class. The work will normally comprise an exercise requiring the application to a practical problem of the principles covered in the lectures and reading, together with a critical analysis of the underlying assumptions. Students will be required to make presentations of their work and to contribute to class discussion.

Reading List: W. T. Baxter, *Inflation Accounting* (Philip Allan, 1984); W. T. Baxter & S. Davidson, *Studies in Accounting* (ICAEW, 3rd edn., 1977); H. C. Edey & B. S. Yamey (Eds.), *Debits, Credits, Finance and Profits* (Sweet & Maxwell, 1974); ICAEW, *Accounting Standards* (latest edn.); T. A. Lee, *Developments in Financial Reporting* (Philip Allan, 1981); R. H. Macve, *A Conceptual Framework for Financial Accounting and Reporting* (Accounting Standards Committee, 1981); R. H. Parker, G. C. Harcourt & G. Whittington (Eds.), *Readings in the Concept and Measurement of Income* (Philip Allan, 2nd edn., 1986); G. Whittington, *Inflation Accounting: an introduction to the debate* (C.U.P., 1983).

Journal articles and readings on current issues will be specified on the detailed Course Programme and Reading List given out at the first lecture of Ac106. Books which students may wish to purchase will also be recommended then.

Examination Arrangements: A three-hour formal examination will take place in the Summer Term. Normally candidates are required to answer four questions.

Ac1123

Financial Decision Analysis

Teacher Responsible: Ms. S.-I. Ung, Room A313 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for B.Sc. (Econ.) Part II VII Accounting and Finance, 3, 3rd year.

B.Sc. (Maths/Stats/Comp/Actuarial Science), (Management Sciences) Course Unit (340/1123) 2nd or 3rd year.

Diploma in Accounting and Finance, 1 and 2(c).

Diploma in Business Studies, 1, 2 and 3(a) (iii).

Scope: The aim of the course is to introduce the theory of financial management decision making by firms and also to examine the capital market context within which these decisions are made. It deals principally with the problems of private sector industry and provides an insight into the relationship between corporate financial management and stock exchange investment decision making.

Syllabus: The syllabus for the two sections of the course are as follows:

Financial Management

This course will look at the theory and practice of long-run decision making in the firm:

- principles and applications of project appraisal methods
- problems caused by capital market imperfections
- implications of the relationship between risk and return, and the handling of risk and uncertainty
- valuation of the firm
- financing and dividend decisions, and their inter-relationships with the investment decision
- theory and practice.

Capital Market Investment

This course aims to introduce students to all types of investment in quoted securities — both the underlying theory and the practice. Students will be able to apply the knowledge acquired to *real* investment decisions since the class will take on the management of the funds in the Tuppenny Company, amounting to around £3,000. Tutorials will be used to make investment decisions; each tutorial concentrating on a particular type of security.

Pre-Requisites: The course is designed for students who have already taken **Elements of Accounting and Finance**.

Teaching Arrangements: Financial Management (Ms. Ung) 18 lectures of one hour each in the Michaelmas Term.

Capital Market Investment (Ms. Rutterford) 12 lectures of one hour each in the Lent Term.

Classes: (a) for Accounting and Finance specialists and (c) for graduate students. 20 weekly classes starting the third week of the Michaelmas Term.

Written Work: Students will be expected to produce a piece of written work for each weekly class. Some of this work will be done in groups for presentations. All students will be expected to make positive contributions to class discussions.

Reading List: Detailed course programmes and reading lists will be distributed at the first lecture of each section of the course. Essential reading will be taken from:

Financial Management

Book Recommended for Purchase:

S. Lumby, *Investment Appraisal*, 2nd edition, Van Nostrand Reinhold (U.K.), 1984.

Other Books:

J. R. Franks, J. E. Broyles & W. T. Carleton *Corporate Finance: Concepts and Applications*, Kent Publishing, Mass., 1985; E. Davis & J. Pointon, *Finance and the Firm*, Oxford University Press, 1984; J. Lorie & R. Brealey, *Modern Developments in Investment Management: A Book of Readings*, Dryden Press, Illinois, 1978.

Capital Market Investment

Book Recommended for Purchase:

J. Rutterford, *An Introduction to Stock Exchange Investment*, Macmillan Press, 1983.

Other Books:

R. Brealey, *An Introduction to Risk and Return*, 2nd edn., Blackwell, 1983; E. J. Elton & M. J. Gruber, *Modern Portfolio Theory and Investment Analysis*,

Wiley Press, 1980; G. Feiger & B. Jacquillat, *International Finance*, Allyn and Bacon, 1981; M. Firth, *The Valuation of Shares*, Macmillan Press, 1977; J. M. Lorie & R. A. Brealey, *Modern Developments in Investment Management*, Dryden Press, 2nd edn., 1978; W. Sharpe, *Investments*, 2nd edn., Prentice Hall, 1981; *Wilson Report*, HMSO, Cmnd. 7937, Volumes 1 and 2, 1980.

Ac2000

Advanced Accounting and Finance I

Teacher Responsible: Janette Rutterford, Room A307 (Secretary Kim Domey, A385)

Course Intended Primarily for M.Sc.

Accounting and Finance, I.

Scope: The aim of the course is to enable students to be aware of and understand the latest theoretical and empirical developments in corporate finance, and to examine how they may be applied to actual business problems.

Syllabus: The course examines methods of analysing investment and financing decisions of private sector companies. Topics covered include aspects of capital budgeting, project finance, portfolio theory, the capital asset pricing model, capital structure and dividend decisions, debt financing, options, leasing, mergers, and the effects of taxation and inflation on financial decisions.

Pre-Requisites: This is a compulsory course for the M.Sc. in Accounting and Finance and anyone admitted to the M.Sc. programme 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 are familiar with the concepts of regression analysis, linear programming, calculus, matrices and probability theory and are able to apply them.

Teaching Arrangements: Ac155: Thirty lectures, Sessional, given by Ms. Rutterford and Dr. Walker. They will be given on Thursdays from 5-7 p.m. in the Michaelmas Term and 6-7 p.m. in the Lent Term.

Ac155(a): Students will be divided into two or three class groups, one of which will meet for 20 weeks on Thursdays from 7-8 p.m. The other groups will meet in the daytime at times to be arranged. Class teachers will be Ms. Rutterford and Dr. Walker. Classes will consist of case studies or seminars. Course work will be handed out at lectures.

Written Work: Every student will be expected to attempt a worthwhile analysis of each week's case or paper, and must be prepared to make a personal contribution to the class discussion each week. Some cases will be handed in for marking by each student and will require a full write-up. Further details will be given on the Course Programme and Reading List which will be handed out at the first lecture.

Reading List: Students are advised to purchase one of the following books: Copeland & Weston, *Financial Theory and Corporate Policy* (Addison Wesley, 1979); Brealey & Myers, *Principles of Corporate Finance* (McGraw-Hill, 1981).

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 is a three hour formal examination in the Summer Term, based on the full syllabus of **Advanced Accounting and Finance I**. The paper will contain approximately eight questions of which four must be answered.

Ac2001

Advanced Accounting and Finance II

Teacher Responsible: Professor Michael Bromwich, Room A384 (Secretary, A383)

Course Intended Primarily for M.Sc.

Accounting and Finance, 2.

Scope: The aim of the course is to provide a basis for studying, at an advanced level, important modern problems in financial reporting and to achieve a familiarity with the relevant academic literature.

Syllabus: The course involves a study of the usefulness of financial reports to investors and other external users. Emphasis will be given to the development of conceptual foundations, including the objectives of financial reporting, and accounting and economic concepts of capital, income and value. Issues having topical importance in theory and practice will be discussed, including accounting for the effects of changing prices and other issues on which accounting standards have been published.

Pre-Requisites: This is a compulsory course for the M.Sc. in Accounting and Finance and anyone admitted to the M.Sc. programme 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: 30 lectures, Sessional, given by Professors Bromwich, Carsberg, Baxter, Edey, and Mr. Noke. They will take place in the daytime on Thursdays commencing Michaelmas Term.

Ac156(a): Students will be divided into three class groups. Class teachers will be Ms. Day, Mr. Napier and Mr. Noke.

Written Work: The lecturers will set one or two assignments each week for class discussion. A number of pieces of written work, based on assignments selected by the class teacher, will be collected for assessment but the grades will not count towards the overall course assessment.

Reading List: No one book covers the entire syllabus. A detailed Course Programme and Reading List, giving recommendations week by week, will be handed out at the beginning of the course. Most frequent reference will be made to the following books:

R. H. Parker, G. C. Harcourt & G. Whittington (Eds.), *Readings in the Concept and Measurement of Income* (Philip Allan, 2nd edn., 1986); E. S. Hendriksen, *Accounting Theory*, (4th edn., Irwin); W. T. Baxter, *Inflation Accounting* (Philip Allan 1984); W. H. Beaver, *Financial Reporting: An Accounting Revolution* (Prentice-Hall); G. Whittington, *Inflation Accounting: An Introduction to the Debate* (C.U.P., 1983).

Examination Arrangements: The entire course assessment will be based on one three-hour formal examination in the latter part of June. Students will be informed during the course about the number of questions on the paper and the number required to be answered.

Ac2002

Ac2003

**Advanced Accounting and Finance III
Advanced Accounting and Finance IV**

Note: One study guide has been prepared to cover both the above papers because of the inter-relationships between their contents.

Teacher Responsible: Dr. M. Walker, Room A382 (Secretary, A385)

Course Intended Primarily for M.Sc.

Accounting and Finance, 3 and 4 (a) and (b).

Scope: The aim of the courses is to enable students to choose two or four topics in accounting and finance for study at an advanced level. The topics offered by the Department of Accounting and Finance all are important components of a masters degree programme in accounting and finance and all are closely related to the material in the compulsory papers, **Advanced Accounting and Finance I and II**. However, the structure of the course allows for an element of specialisation.

Advanced Accounting and Finance III/IV is made up from a choice of four of the units (two for each course) listed below. All units, except **Advanced Management Accounting**, represent half a course. **Advanced Management Accounting** comprises two units and therefore represents a whole course.

Ac157: Advanced Management Accounting (2 $\frac{1}{2}$ course units)

Ac159: Financial Statement Analysis ($\frac{1}{2}$ course unit)

Ac161: Financial Management and Reporting for Multinational Firm ($\frac{1}{2}$ course unit)

Ac163: Information Analysis and Financial Reporting ($\frac{1}{2}$ course unit)

Ac164: History of Accounting ($\frac{1}{2}$ course unit)

EH144: Modern Business History ($\frac{1}{2}$ course unit)

Syllabus: The Department offers several units for these two papers. Each unit has the weight of half a course. Students may select any two units for **Advanced Accounting and Finance III**. They may select a further two units for **Advanced Accounting and Finance IV**. Students may select Paper III without selecting Paper IV. The following units are available:

Ac157: Advanced Management Accounting.

This two unit course provides an opportunity for studying in depth a number of problems in the area of management accounting. Consideration will be given to such topics as the interrelationship between organizational design and management accounting system design; costing in complex organizations; the role of accounting information in decision making and resource allocation; and decision making, control and performance evaluation in decentralised firms. Emphasis will be given to both current economics and organizational approaches to the understanding and analysis of management accounting issues.

Ac159: Financial Statement Analysis.

The unit is concerned with the application of modern research techniques in accounting and finance to the analysis of financial reports published by limited companies. The emphasis will be on the use of financial information by external decision-takers in a variety of decision contexts, such as in equity and fixed interest security investment decisions, in credit decisions by banks and in financial distress prediction.

Ac161: Financial Management and Reporting for the Multinational Firm.

The unit focuses on the special problems that arise as a result of operation in more than one country, including the need to satisfy different, and possibly conflicting, regulations for financial reporting; decisions on investment and financing allied to the management of foreign exchange transactions, and control and evaluation of performance in different environments.

Ac163: Information Analysis and Financial Reporting.

This unit focuses on the role of economics in accounting. In recent years academic accountants have drawn on economic theory in their discussion of accounting alternatives. Also empirical work in accounting has relied heavily on theories of capital asset pricing and the efficient markets hypothesis. The purpose of this unit is to make the important ideas contained in these theories more accessible to students of accounting.

Ac164: History of Accounting

The unit provides a general survey of the historical development of accounting, particularly in the context of the United Kingdom. Topics covered include: the development of double-entry bookkeeping; the relationship between economic and accounting change; the formalisation of the historical cost convention; the development of corporate financial reporting.

EH144: Modern Business History.

The unit involves a survey of the techniques and problems of business history. It includes a study of several modern histories of British companies.

Pre-Requisites: Anyone admitted to the M.Sc. Programme in Accounting and Finance has been judged to have the necessary background. Other M.Sc. students may be admitted to the units by the lecturers concerned if they have sufficient background acquired at undergraduate or equivalent level.

Teaching Arrangements:

Ac157: Twenty two 2 hour meetings on Tuesdays evenings commencing at the beginning of Michaelmas Term.

Ac159: Eleven 1 hour meetings in the daytime on Tuesdays commencing at the beginning of Michaelmas Term. Students will be divided into two groups for classes.

Ac161: Eleven 2 hour meetings in the evening commencing second week of Lent Term.

Ac163: Eleven 2 hour meetings in the daytime on Tuesdays commencing second week of the Lent Term.

Ac164: Ten 1½ hour meetings in the daytime commencing first week of Lent Term.

EH144: Ten 1½-hour meetings in the daytime in the Michaelmas Term.

Written Work: The lecturers will set some assignments

(e.g. essays and case studies) for group discussion for each unit. Some written work, based on assignments selected by the class teachers, will be collected for assessment but the grades given will not count towards the overall course assessment.

Reading List: No one book covers the entire syllabus of any of the units. A detailed Course Programme and Reading List, giving recommendations week by week, will be handed out at the beginning of each unit. Much of the reading will be of journal articles. Frequent reference will be made to the following books:

Ac157 R. S. Kaplan, *Advanced Management Accounting* (Prentice-Hall); R. W. Scapens, *Management Accounting: A Review of Recent Developments* (Macmillan); N. B. Macintosh, *The Social Software of Accounting and Information Systems* (J. Wiley).

Ac159 G. Foster, *Financial Statement Analysis* (Prentice-Hall).

Ac161 F. D. S. Choi & G. G. Mueller, *An Introduction to Multi-national Accounting* (Prentice-Hall); C. W. Nobes & R. H. Parker, *Comparative International Accounting* (Philip Allan).

Ac163 W. Beaver, *Financial Reporting: An Accounting Revolution* (Prentice-Hall); J. Demski, *Information Analysis* (Addison-Wesley).

Ac164 M. Chatfield, *History of Accounting Thought* (Krieger, 1977); A. C. Littleton & B. S. Yamey (Eds.), *Studies in the History of Accounting* (Arno Press, 1978); T. A. Lee & R. H. Parker (Eds.), *The Evolution of Corporate Financial Reporting* (Nelson, 1979).

Much of the reading for the course consists of journal articles, and a detailed reading list will be given out at the first meeting.

EH144 B. Supple (Ed.), *Essays in British Business History* (Oxford); L. Hannah (Ed.), *Management Strategy and Business Development* (Macmillan).

Examination Arrangements: The entire course assessments will be based on formal examinations in the Summer Term. Each unit will be the subject of a separate two-hour examination. Students will be informed, during the courses, about the number of questions on the examination papers and the number required to be answered.

Ac2150**Financial Reporting and Management**

Teacher Responsible: Dr. Martin Walker, Room A382 and Ms. Judy Day, Room A315 (Secretary, Claudine Chouchan, A385)

Course Intended Primarily for M.Sc. Sea-Use Law, Economics and Policy-making, 2 and 3 (d).

M.Sc. Analysis, Design and Management of Information Systems, 3(d).

M.Sc. Industrial Relations and Personnel Management, 2 and 3(i).

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.

Scope: The course provides an introduction to accounting and financial concepts and techniques.

Syllabus: The course covers basic accounting concepts, company accounts, discounted cash flow

analysis, investment appraisal under uncertainty, accounting for inflation, and risk analysis in investment appraisal.

Pre-Requisites: None, but students interested in taking the course are requested to see Ms. Day early in the Michaelmas Term so that advice can be given and introductory reading specified for those who intend to take it.

Written Work: Students are required to attempt several exercises during the year involving the preparation of accounts, solutions to discounted cash flow case studies, together with a small amount of essay work.

Teaching Arrangements: Ac170: The course will comprise 15 meetings of 2½ hours each. These will commence in the penultimate week of the Michaelmas Term. The lecture group will be divided into two seminar groups for classwork purposes. The second group will be taught by Ms. Judy Day.

Reading List: A detailed Course Programme and Reading List, giving recommendations week by week, will be handed out at the beginning of the course. The following texts are recommended for purchase: J. Arnold, T. Hope & A. Southworth, *Financial Accounting* (Prentice Hall, 1985); R. Brearley & S. Myers, *Principles of Corporate Finance* (2nd edn., McGraw Hill, 1984).

Other texts relevant for the course are: D. E. Allen, *Finance A Theoretical Introduction* (Martin Robertson, 1983); G. Whittington, *Inflation Accounting: An Introduction to the Debate* (Cambridge University Press and SSRC, 1983).

Examination Arrangements: The entire course assessment will be based on one three-hour formal examination in the latter part of the June. The paper has two sections: Section 1 consists of five short compulsory questions; Section 2 consists of three questions, two to be attempted.

ANTHROPOLOGY

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
An100	Introduction to Social Anthropology Professor M. E. F. Bloch and Dr. A. A. F. Gell	24/MLS	An1200; An2210
An102	Ethnography and Theory: Selected Texts Dr. J. C. Woodburn and Dr. J. Parry	20/ML	An1204
An200	Kinship, Sex and Gender Dr. P. Loizos and Dr. C. J. Fuller	20/ML	An1220; An2210
An201	Political and Economic Anthropology Dr. J. C. Woodburn and other	20/ML	An1222; An2211
An300	The Anthropology of Religion Professor M. E. F. Bloch and Professor I. M. Lewis	20/ML	An1302; An2212
An302	Advanced Ethnography: Latin-American Highlands (The Andes) Dr. M. J. Sallnow	10/L	An1312; An1334; An1335
An305	Mediterranean Dr. P. Loizos	T.B.A.	An1317; An1334; An1335
An308	Anthropological Linguistics Miss J. M. Aitchison	22/MLS	An1331
An309	Advanced Theory of Social Anthropology Dr. M. J. Sallnow and Dr. D. McKnight	20/ML	An1300; An2210
An312	Conflict, Violence and War Dr. D. McKnight	10/M	An1334; An1335; An1341
An313	Urban Anthropology Dr. C. J. Fuller	10/L	An1334; An1335; An1342
An314	The Anthropology of Death Dr. J. P. Parry	10/M	An1343
An315	The Anthropology of Art and Communication Dr. A. A. F. Gell	10/M	An1344

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
An400	A Programme of Ethnographic Films Dr. J. C. Woodburn	20/ML	An400
An500	Seminar on Anthropological Theory Professor M. E. F. Bloch, Dr. P. Loizos and Dr. M. J. Sallnow	MLS	An500
An501	Field Research Seminar Dr. P. Loizos and Professor I. M. Lewis	MLS	An501
An502	Teaching Seminar Dr. M. J. Sallnow	25/MLS	An502
An503	Thesis Writing Seminar Dr. A. A. F. Gell and Dr. J. Parry	MLS	An503
An504	Intercollegiate Seminar (Not available 1986-87)	LS	An504
An505	Teaching Seminar Dr. D. McKnight and Dr. J. C. Woodburn	13/MLS	An505
An510	Egalitarian Societies of Tropical Forest South America	25/MLS	An510

Study Guides

An 1200

Introduction to Social Anthropology

Teachers Responsible: Professor M. Bloch, Room A608 and Dr. A. Gell, Room A610 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. course unit main fields Social Anthropology first year; B.A./B.Sc. course unit main fields Geography, Sociology, Social Psychology. B.Sc. (Econ.) Parts I and II; M.Sc.

Scope: See under Syllabus below.

Syllabus: The origins and scope of social anthropology and its relation to other subjects. Human evolution. Socio-biology. Language and culture. Intelligence and culture. Gender. Environment resources and their distribution. Marriage, family and kinship. Power and social order. Religious beliefs.

Pre-Requisites: None.

Teaching Arrangements: Lectures (An100): Twenty-four, Sessional.

Classes (An100a): Twenty-four, Sessional for specialists (An100b): Twenty-two, Sessional for non-specialists.

Written Work: Students taking the course for examination purposes are expected to contribute discussion papers in the classes which will be run in the form of seminars. At least one paper per term is expected. Other written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: E. E. Evans-Pritchard, *Witchcraft, Oracles and Magic among the Azande*; A. Kuper, *Anthropology and Anthropologists*; M. Bloch, *Marxism and Anthropology*; A. Beteille, *Caste, Class and Power*; S. Ortner & H. Whitehead (Eds.), *Sexual Meanings*; M. Young, *The Ethnography of Malinowski*; R. Keesing, *Kin Groups and Social Structure*; H. Gould, *The Mismeasure of Man*; S. Roberts, *Order and Dispute*; J. Goody (Ed.), *The Developmental Cycle in Domestic Groups*; C. Levi-Strauss, *Elementary Forms of Kinship*; J. Middleton, *Lugbara Religion*.

Supplementary Reading List: Will be provided for class work.

Examination Arrangements: There is a 3-hour examination in the Summer Term, with 10 or more questions, 4 of which are to be answered. Classwork assessment forms 20% of the mark.

An 1204

Ethnography and Theory: Selected Texts

Teachers Responsible: Dr. J. Woodburn, Room A611 and Dr. J. Parry, Room A601 (Departmental Secretaries, A605)

Course Intended Primarily for: B.A. c.u. main field Soc. Anth. 1st year; B.A./B.Sc. c.u. main field Geog., Soc. Psych.

Syllabus: I Five societies all of them small-scale and 'exotic' will be examined in order to explore cross-cultural variation in customary practice and ways in which social anthropologists seek to understand and

explain it. This half of the course will be closely linked with our ethnographic film series (Course An400) and all students will be expected to attend it.

II The object of this half of the course will be to provide a grounding in some of the major ideas of the 'founding fathers' of sociological thought and to explore the ways in which their preoccupations have influenced subsequent ethnography.

Pre-Requisites: None.

Teaching Arrangements: Lectures (An102): 20, Michaelmas and Lent Terms.

Classes (An102a): 20, Michaelmas and Lent Terms. **Written Work** linked to the course will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: Part I

R. B. Lee, *The Kung San: Men Women and Work in a Foraging Society*; E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer*; M. Young, *The Ethnography of Malinowski*; *The Trobriand Islands, 1915-1918*; K. Heider, *Grand Valley Dani: Peaceful Warriors*; N. Chagnon, *Yanomamo: The Fierce People* (3rd edn.)

Additional reading will be specified during the course.

Part II

E. Durkheim, *Suicide*; E. Durkheim and M. Mauss, *Primitive Classification*; M. Mauss, *The Gift*; R. Hertz, *Death and the Right Hand*; E. E. Evans-Pritchard, *Nuer Religion*; M. Weber, *The Protestant Ethic and the Spirit of Capitalism*; C. Geertz, *The Religion of Java*; M. Bloch, *Marxism and Anthropology*; E. Terray, 'Classes and Class Consciousness in the Abnori Kingdom of Gyaman' in M. Bloch (Ed.), *Marxist Analyses and Social Anthropology*.

Examination Arrangements: There will be a three-hour examination in the Summer Term, 10 questions, 4 of which are to be answered. Classwork assessment forms 20% of the final mark, and will be largely based on one essay per term. Candidates who do not produce essays by the dates announced during the course, can expect to receive few marks.

An 1220

Kinship, Sex and Gender

Teacher Responsible: Dr. Loizos, Room A614 and Dr. Fuller, Room A609 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. c.u. main fields Social Anthropology 2nd year; B.Sc. c.u. main field Social Psychology 2nd year, Sociology 2nd year; B.Sc. (Econ.) Part II, M.Sc. and other graduate students.

Scope: See under Syllabus below.

Syllabus: The concept of kinship procreation beliefs; and the concepts of male, female, person; family and kinship in North America and Europe; descent and alliance systems in Africa and Asia; Women and kinship in India; tactical and strategic 'uses' of kinship. **Pre-Requisites:** Introductory course in Social Anthropology.

Teaching Arrangements: Lectures (An200): 20 Michaelmas and Lent Terms.

Classes (An200a): 20 Michaelmas and Lent Terms.

Written Work: Periodic class papers and term essay. Written work, linked to the course will be done for

tutorials in the case of students whose main field is Social Anthropology.

Reading List: M. Fortes, *Time and Social Structure and other essays*; *Kinship and the Social Order*; E. R. Leach, *Rethinking Anthropology*; C. Levi-Strauss, *The Elementary Structures of Kinship*; R. Needham (Ed.), *Rethinking Kinship and Marriage*; R. Fox, *Kinship and Marriage*; R. Keesing, *Kin Groups and Social Structure*; D. Schneider, *American Kinship: a Cultural Account*; C. Fuller, *The Nayars Today*; E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer*; J. Parry, *Caste and Kinship in Kangra*; L. Dumont, *Affinity as a Value*; C. MacCormack & M. Strathern (Eds.), *Nature, Culture and Gender*; S. Ortner & H. Whitehead (Eds.), *Sexual Meanings*; U. Sharma, *Women, Work and Property in North-West India*; U. Hannerz, *Soulside*; Rose Giallombardo, *Society of Women*; *The Social World of the Imprisoned*; Janet Bujra & Pat Caplan, *Women United, Women Divided*; P. Spencer, *The Samburu*; G. Bateson, *Naven*; M. Bloch & J. Parry, *Death and the Regeneration of Life*; E. Pagels, *The Gnostic Gospels*; Murphy & Murphy, *Women of the Forest*; Fatima Mernissi, *Beyond the Veil*; Patricia Jeffrey, *Frogs in a Well: Indian Women in Purdah*; J. Goody, *Production and Reproduction*.

Examination Arrangements: There is a three-hour examination in the Summer Term, 10 questions, 4 of which are to be answered. Classwork assessment forms 20% of the mark.

An 1222
An 2211

Political and Economic Anthropology

Teachers Responsible: Dr. J. Woodburn, Room A611 (Departmental Secretaries, A605) and another member of staff.

Course Intended Primarily for B.A. c.u. main fields Social Anthropology 2nd year; B.Sc. c.u. main field Sociology 2nd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The anthropological analysis of economic and political institutions as revealed in relevant theoretical debates, with reference to selected ethnography.

Syllabus: (i) **Economic Anthropology:** The cultural framework of different economic systems and their working; the economic organisation of peasant and primitive production; economic structure and kinship structure; property; trade, gifts, exchange and markets; the transition from subsistence to cash economies; systems of capital accumulation.

(ii) **Political Anthropology:** The analysis of the politics of equality and inequality of power, wealth and status in a range of societies, most of which are small in scale. **Pre-Requisites:** Introductory course in Social Anthropology.

Teaching Arrangements: Lectures: An201(i)

Economic Anthropology: 10 Michaelmas Term.

An201(ii) **Political Anthropology:** 10 Lent Term.

Classes: An201(i)a **Economic Anthropology:** 10 Michaelmas Term.

An201(ii)a **Political Anthropology:** 10 Lent Term.

Written Work: Periodic class papers and/or essays. Written work, linked to the course will be done for

tutorials in the case of students whose main field is Social Anthropology.

Reading List: (i) **Economic Anthropology:** R. Firth (Ed.), *Themes in Economic Anthropology*; E. E. Le Clair & H. K. Schneider (Eds.), *Economic Anthropology*; J. M. Potter, M. Diaz & G. M. Foster, *Peasant Society*; M. Sahlins, *Stone Age Economics*; M. Bloch (Ed.), *Marxist Analyses and Social Anthropology*; G. Dalton (Ed.), *Tribal and Peasant Economies*; S. Gudeman, *The Demise of a Rural Economy*.

(ii) **Political Anthropology:** M. H. Fried, *The Evolution of Political Society*, 1967; J. C. Woodburn, 'Egalitarian Societies' in *Man*, Vol. 17, 1982; J. C. Woodburn (Ed.), *L'Equipe ecologie et anthropologie*, 1979; J. Woodburn, *Pastoral Production and Society*; A. Strathern (Ed.), *Inequality in New Guinea Highlands Societies*, 1982; F. Barth, *Political Leadership among Swat Pathans*, 1959; E. R. Leach, *Political Systems of Highland Burma*, 1954; E. E. Evans-Pritchard, *The Divine Kinship of the Shilluk of the Nilotic Sudan*, 1948 (Reprinted in E. E. Evans-Pritchard, *Essays in Social Anthropology*, 1962); J. Beattie, *The Nyoro State*, 1971; H. J. M. Claessen & P. Skalnik (Eds.), *The Early State*, 1978.

Supplementary Reading List: To be recommended during the course.

Examination Arrangements: There is a three-hour examination in the Summer Term, 10 questions, 4 of which are to be answered, 2 from Section A and 2 from Section B. Classwork assessment forms 20% of the mark.

An 1300

Advanced Theory of Social Anthropology

Teachers Responsible: Dr. M. Sallnow, Room A615 and Dr. McKnight, Room A613 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. course unit main field Social Anthropology 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The aim of the course is to train students to look critically at the theoretical implications of anthropological approaches by examining their origins, their strengths and weaknesses.

Syllabus: 1. Types of interpretation and explanation used in social anthropology.

2. Selected themes from the history of Anthropology.

Teaching Arrangements: Lectures (An309): 20, Michaelmas and Lent.

Classes (An309a): 20, Michaelmas and Lent for B.A. course unit main field Social Anthropology 3rd year and B.Sc. (Econ.) Part II.

Pre-Requisites: Substantial background in social anthropology.

Written Work: Students will be required to produce two assessment essays. Students will also be expected to prepare two or three short oral papers for the classes. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: 1. C. Levi-Strauss, *Structural Anthropology* Vol. I; B. Wilson (Ed.), *Rationality*; R. A. Manners & D. Kaplan (Eds.), *Theory in Anthropology*; M. Godelier, *Perspectives in Marxist Anthropology*; P. Bourdieu, *Outline of a Theory of Practice*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; M. Bloch, *Marxism and Anthropology*; Adam Kuper, *Anthropology and Anthropologists*; Jonathan Culler, *Saussure*; Michel Foucault, *Madness and Civilization*; B. Malinowski, *Argonauts of the Western Pacific*.

2. G. Stocking, *Race, Culture and Evolution*; L. Levy-Bruhl, *How Natives Think*; I. Langham, *The Building of British Social Anthropology*; J. Overing (Ed.), *Reason and Morality*; C. Geertz, *The Interpretation of Culture*; E. R. Leach, *Rethinking Anthropology*; Nigel Barley, *Symbolic Structures*; E. R. Leach and D. A. Aycock, *Structuralist Interpretations of Biblical Myths*; M. Hodgen, *Early Anthropology in the Sixteenth and Seventeenth Centuries*; R. Murphy, *The Dialectics of Social Life*; M. Harris, *The Rise of Anthropological Theory*.

Additional reading will be specified during the course. **Examination Arrangements:** There is a 3-hour examination in the Summer Term, approximately 10 questions, 3 of which are to be answered. Classwork assessment forms 20% of the mark and will very largely be based on assessment essays. Candidates who fail to submit assessment essays by the due date, which will be announced during the course, can expect to receive minimal marks.

An1302 An2212

The Anthropology of Religion

Teachers Responsible: Professor M. Bloch, Room A608 and Professor I. M. Lewis, Room A612 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. c.u. main field Soc. Anth. 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The anthropological analysis of magic and religion as revealed in relevant theoretical debates, with reference to selected ethnography.

Syllabus: Development of the anthropological study of religion. Ritual and symbolism; witchcraft; ancestor worship; the religious representation of life, death, sex and gender; religions; Islam and saint cults; shamanism, cosmology and magic; great and little traditions.

Pre-Requisites: Substantial background in social anthropology.

Teaching Arrangements: Lectures (An300) 20 Michaelmas and Lent Terms. Classes (An300a) 20 Michaelmas and Lent Terms.

Written Work: Periodic class papers and/or essays. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: M. Bloch, *From Blessing to Violence*; M. Bloch & J. Parry, *Death and the Regeneration of Life*; A. W. Christian, *Person and God in a Spanish Valley*; M. Douglas, *Purity and Danger*; A. Gell,

Metamorphosis of the Cassowaries; M. Izard & P. Smith, *Between Belief and Transgression*; D. Lan, *Guns and Rain: Guerrillas and Spirit Mediums in Zimbabwe*; G. Leinhardt, *Divinity and Experience among the Dinka*; G. Lewis, *Day of Shining Red*; D. Sperber, *Rethinking Symbolism*; V. Turner, *The Drums of Affliction: A Study of Religious Processes among the Ndembu of Zambia*; J. Overing (Ed.), *Reason and Rationality*; D. F. Eickelman, *The Middle East*; I. Hori, *Folk Religion in Japan*; I. M. Lewis, *Islam in Tropical Africa*; Religion in Context; W. Said, *Orientalism*.

Examination Arrangements: There will be a 3-hour examination in the Summer Term with 10 questions, 3 of which are to be answered. Classwork assessment forms 20% of the mark.

An1312

Advanced Ethnography: Latin-American Highlands (The Andes)

Teacher Responsible: Dr. M. Sallnow, Room A615 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. course unit main field Social Anthropology 2nd and 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The study of past and present social formations in the South American Andes.

Syllabus: The course will draw on archaeological, ethnohistorical, historical and contemporary anthropological and sociological evidence in order to elucidate past and present patterns and processes in Andean society.

Teaching Arrangements: Lectures (An302) 10 Lent Term. Classes (An302a) 10 Lent Term.

Written Work: Class papers presented during the course. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: D. Guillet, *Agrarian Reform and Peasant Economy in Southern Peru*; B. Isbell, *To Defend Ourselves*; E. Lumbrales, *The Peoples and Cultures of Ancient Peru*; J. Murra, *The Economic Organization of the Inka State*; B. Orlove, *Alpacas, Sheep and Men*; J. Steward (Ed.), *Handbook of South American Indians*, Vol. 2; P. van der Berghe & G. Primov, *Inequality in the Andes*.

Examination Arrangements: There is a two-hour examination in the Summer Term, with 7 questions, 2 of which are to be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

An1317

Advanced Ethnography: Mediterranean

Teacher Responsible: Dr. P. Loizos, Room A614 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. c.u. main field Social Anthropology 2nd and 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope and Syllabus: Through a discussion of selected texts, issues of culture and social structure will be

explored in a number of societies. Particular attention will be paid to the use of history, to capitalist transformation, to gender relations, with particular attention to the division of labour and of religious representation; to the notion of honour; to local violence and its relation to state formation; to patronage and clientelism. Both Christian and Muslim societies will be considered.

Teaching Arrangements: Lectures (An305) 10 to be arranged. Classes (An305a) 10 to be arranged.

Written Work: Class papers presented during the course and a term essay. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: J. Davis, *People of the Mediterranean*; C. Lison-Tolosana, *Belmonte de Los Caballeros: a Sociological Study of a Spanish Town*; Sydel Silverman, *Three Bells of Civilization: the Life of an Italian Hill Town*; W. Christian Jr., *Person and God in a Spanish Valley*; Vanessa Maher, *Women and Property in Morocco*; M. Gilson, *Recognising Islam: an Anthropologist's Introduction*; J. Waterbury, *North for the Trade: the biography of a Berber Merchant*; E. Gellner & J. Waterbury (Eds.), *Patrons and Clients in Mediterranean Societies*; Caroline White, *Patrons and Partisans: A Study of Politics in Two Southern Italian Communities*; L. Danforth, *The Death Rituals of Rural Greece*; Sandra Ott, *The Circle of Mountains*; Marina Warner, *Alone of all her Sex: the Myth and Cult of the Virgin Mary*; Elaine Pagels, *The Gnostic Gospels*; E. Hammel, *Alternate Ritual Structures in the Balkans*; J. Black-Michaud, *Feud in Mediterranean and Middle Eastern Societies* (first published under the title *Cohesive Force*); A. Blok, *The Mafia of a Sicilian Village*; P. Loizos, *The Greek Gift: Politics in a Cypriot Village*; J. Schneider & P. Schneider, *Culture and Political Economy of Western Sicily*; E. Wolf & J. Cole, *The Hidden Frontier: Ecology and Ethnicity in the Alps*; S. H. Franklin, *The European Peasant: the Final Phase*; S. Brandes, *Kinship, Migration and Community*; S. Brandes, *Metaphors of Masculinity*; E. Wolf (Ed.), *Religion, Power and Protest in Local Communities: the Northern Shore of the Mediterranean*; Pat Holden (Ed.), *Women's Religious Experience*; Renée Hirschon (Ed.), *Women and Property*; Shirley Ardener (Ed.), *Woman and Space*; P. Loizos, *The Heart Grown Bitter: a Chronicle of Cypriot War Refugees*; J. K. Campbell, *Honour, Family and Patronage: a Study of Institutions and Moral Values in a Greek Mountain Community*; Fatima Mernissi, *Beyond the Veil*.

Examination Arrangements: There is a two hour examination in the Summer Term, with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

An1318

Advanced Ethnography: India

(Not available 1986-87)

Teacher Responsible: Dr. J. Parry, Room A601 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. c.u. main field

Social Anthropology 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope and Syllabus: The course will deal with the ethnography of India with special reference to analyses of the caste system and the sociology of Hinduism.

Teaching Arrangements: 10 lectures (An306) and 10 classes (An306a) in the Lent Term.

Written Work: Students will be required to present one or more class papers during the course of the term. Written work, linked to the course, will be done for tutorials in the case of students whose main field is Social Anthropology.

Reading List: L. Dumont, *Homo Hierarchicus*; D. Pocock, *Kanbi and Patidar*; W. D. O'Flaherty, *Asceticism and Eroticism in the Mythology of Siva*; Veena Das, *Structure and Cognition: Aspects of Hindu Caste and Ritual*; D. Pocock, *Mind, Body and Wealth*; A. Mayer, *Caste and Kinship in Central India*; J. P. Parry, *Caste and Kinship in Kangra*; M. M. Srinivas, *Religion and Society among the Coorgs' Caste in Modern India and Other Essays*; A. Beteille, *Caste, Class and Power*. Additional Reading will be suggested during the course.

Examination Arrangements: There is a two hour examination in the Summer Term with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

An1330

Social Aspects of Political and Economic Development

(Not available 1986-87)

Teachers Responsible: Dr. P. Loizos, Room A614 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. c.u. main field Social Anthropology 2nd and 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Syllabus: Anthropological perspectives on development and change in Third World/rural and European/industrial settings, with explicit emphasis on issues of theory and research methods throughout.

Pre-Requisites: Introductory courses in social anthropology, or sociology, or history. Consult your teachers if you lack these but wish to take the course.

Teaching Arrangements: Lectures (An304): 20 Michaelmas and Lent Terms.

Classes (An304a): 20 Michaelmas and Lent Terms.

Written Work: Students will be expected to produce one assessment essay per term and to make one or two short oral presentations per term.

Reading List: Selected Topics in Rural Development G. Barraclough, *An Introduction to Contemporary World History*; A. K. Sen, *Poverty and Famines: An Essay on Entitlement*; R. Nisbet, *Social Change and History*; S. Gudemans, *The Demise of the Rural Economy*; P. Berger, *Pyramids of Sacrifice*; J. Goldthorpe, *Disparity and Involvement: the Sociology of the Third World*; E. Gellner, *Thought and Change*; P. T. Bauer, *Dissent on Development*; Uma Lele, *The Design of Rural Development: Lessons from Africa*. **Supplementary Reading List:** Eric Williams, *Capitalism and Slavery*; Wrigley, *Population and*

History; R. Salisbury, *Vunamami*; Polly Hill, *Population, Poverty and Development: Rural Kano*; A. MacFarlane, *The Origins of English Individualism*.

Examination Arrangements: If taken as a half unit there is a two-hour examination in the Summer Term, with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

If taken as a whole unit there is a three-hour examination in the Summer Term, 10 questions, 3 of which are to be answered. Classwork assessment forms 20% of the mark, and candidates who do not submit their essays by the due dates will get few marks.

An1331

Anthropological Linguistics

Teacher Responsible: Jean Aitchison, Room C520 (Secretary, C613)

Course Intended Primarily for B.A. main field course unit Soc. Anth. 2nd and 3rd year; B.Sc. (Econ.) Part II; M.Sc. This course is taught in conjunction with the Department of Language Studies (see Course Ln3810).

Scope: An introduction to linguistics oriented towards issues which are of interest to anthropologists.

Syllabus: The scope of linguistics, characteristics of language, and the search for a universal framework. Language types. The identification of basic linguistic units. Sentence patterns. Transformations. Semantics. Pragmatics. Language variation. Language change. Pidgins and creoles.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Ln100 22 Sessional.

Classes: Ln100(a) 22 Sessional.

Written Work: Four pieces of work (including practical exercises) are formally marked in the course of the year.

Reading List: Selected sections mainly from the following books: J. Aitchison, *Linguistics*, Hodder & Stoughton, TV books, 1983 reprint; J. Aitchison, *The Articulate Mammal*, Hutchison, 2nd edition 1983; J. Aitchison, *Language Change*, Fontana, 1981; E. K. Brown, *Linguistics Today*, Fontana, 1983; B. Comrie, *Language Universals and Linguistic Typology*, Blackwells, 1983; J. Hurford & B. Heasley, *Semantics: a coursebook*, Cambridge University Press, 1983; L. Milroy, *Language & Social Networks*, Blackwell, 1980; P. Trudgill, *Sociolinguistics*, Penguin, 2nd edition, 1983.

Examination Arrangements: There is a three-hour examination in the Summer Term with ten questions, three of which must be answered. The examination forms 80% of the marks. Classwork assessment forms 20% of the marks, and candidates who do not submit their written work by the due date will get minimal marks.

An1333

Research Methods in Social Anthropology

(Not available 1986-87)

Teacher Responsible: Dr. P. Loizos, Room A614 (Departmental Secretaries, A605)

Course Intended Primarily for: B.A. c.u. main field Social Anthropology 2nd or 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Syllabus: A brief historical introduction to methods in social anthropology, with an outline of the main types, particularly fieldwork by participant observation, the household census, the analysis of household composition, the sample survey, various approaches to asking questions and interviewing the life history, the case history, history.

Pre-Requisites: Introductory courses in social anthropology, or sociology, or history. Consult your teachers if you lack these but wish to take the course.

Teaching Arrangements: Lectures (An311) 10 Lent Term. Classes (An311a) 10 Lent Term.

Written Work: Students will be expected to produce one assessment essay and to make one or two short oral presentations. There may also be a simple 'practical exercise'.

Reading List: N. Chagnon, *Studying the Yanomamo*; W. F. Whyte, *Street Corner Society*; A. F. Robertson, *Community of Strangers*; A. L. Epstein (Ed.), *The Craft of Social Anthropology*; P. J. Pelto & G. H. Pelto, *Anthropological Research: the Structure of Inquiry*; J. C. Mitchell (Ed.), *Social Networks in Urban Situations*; R. F. Ellen (Ed.), *Ethnographic Research: a Guide to General Conduct*; M. Agar, *The Professional Stranger: an Informal Introduction to Ethnography*; J. Parry, *Caste and Kinship in Kangra*; L. Danforth, *Death Rituals of Rural Greece*; Janet Suskind, *To Hunt in the Morning*; M. Bulmer & D. P. Warwick, *Social Research in Developing Countries*; C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*.

Examination Arrangements: There is a two hour examination in the Summer Term with 7 questions, 2 of which must be answered. Classwork assessment forms 20% of the mark, and candidates who do not submit their written work by the due dates will get few marks.

An1334

An1335

Topics in Social Anthropology

Further Topics

Course Intended for B.Sc. (Econ.) Part II Social Anthropology.

Candidates for each of these papers must follow the teaching for two of the half-unit options listed under the heading "Topics in Social Anthropology" in the regulations for the B.A. main field Social Anthropology.

An1341

Conflict, Violence and War

Teacher Responsible: Dr. D. McKnight, Room A613 (Departmental Secretaries, A605)

Course Intended Primarily for: B.A. c.u. main field Social Anthropology 2nd or 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The aim of this course is to present an anthropological perspective of the socio, economic and

technological dimensions of conflict, violence and war in various types of societies selected from different parts of the world.

Syllabus: This course is concerned with a comparative study of conflict, violence and war primarily among non-industrialised societies. Some account will be taken of Western Europe and the effect of industrialisation. Particular attention will be given to how societies cope with conflict, violence and war, and what factors contribute to the incidence and degree of these phenomena.

Pre-Requisites: Normally *Introduction to Social Anthropology and Ethnography and Theory*.

Teaching Arrangements: Lectures (An312) 10 Michaelmas Term. Classes (An312a) 10 Michaelmas Term.

Written Work: Students will be required to produce one assessment essay. Students will also be expected to prepare one or two short papers for discussion in classes.

Reading List: Napoleon A. Chagnon, *Yanomamo: The Fierce People*; C. Von Clausewitz, *On War*; C. W. M. Hart & Arnold R. Pilling, *The Tiwi of North Australia*; C. R. Hallpike, *Bloodshed and Vengeance*, Karl Heider, *Grand River Dani*; John Keegan, *In Face of Battle*; Mervyn Meggitt, *Blood is their Argument*; H. H. Turney-High, *Primitive War*; D. Riches (Ed.), *The Anthropology of Violence*; M. Z. Rosaldo, *Knowledge and Passion*.

Examination Arrangements: There is a two-hour examination in the Summer Term, with 7 questions, 2 of which are to be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get few marks.

An1342

Urban Anthropology

Teacher Responsible: Dr. C. J. Fuller, Room A609 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. c.u. main field Social Anthropology 2nd and 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The anthropological study of urban society, with special reference to the modern city.

Syllabus: The concepts of the city and urbanism; the modern city and industrial capitalism; class in the capitalist factory; the 'Chicago School' and its critics; class, ethnicity and social relations in the modern city; methodological and theoretical issues in urban anthropology and ethnography.

Pre-Requisites: Normally *Introduction to Social Anthropology and Ethnography and Theory*.

Teaching Arrangements: Lectures (An313) 10 Lent Term.

Classes (An313a) 10 Lent Term.

Written Work: Students must write one assessment essay. They may also be expected to make one or two oral presentations in classes.

Reading List: H. Benyon, *Working for Ford*; A. Briggs, *Victorian Cities*; A. Cohen (Ed.), *Urban Ethnicity*; N. Dennis, F. Henriques & C. Slaughter, *Coal is Our Life*; St. C. Drake & H. Clayton, *Black Metropolis*; H. J. Dyos, *Exploring the Urban Past*; A. L. Epstein,

Politics in an Urban African Community; U. Hannerz, *Exploring the City*; Soulside; E. Liebow, *Tally's Corner*; J. C. Mitchell, *The Kalela Dance*; P. Saunders, *Social Theory and the Urban Question*; A. W. Southall, *Urban Anthropology*; G. D. Suttles, *The Social Order of the Slum*; C. A. Valentine, *Culture and Poverty*; S. Westwood, *All Day, Every Day: Factory and Family in the Making of Women's Lives*; W. F. Whyte, *Street Corner Society*; L. Wirth, *On Cities and Social Life*.

Additional reading will be suggested during the course.

Examination Arrangements: There is a two-hour examination in the Summer Term, with 7 questions, 2 of which are to be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get fewer marks.

An1343

The Anthropology of Death

Teacher Responsible: Dr. J. Parry, Room A601 (Departmental Secretaries, A605)

Course Intended Primarily for B.A. c.u. main field Social Anthropology 2nd and 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The anthropological study of death.

Syllabus: The course will look at collective representations concerning death, mortuary practices and eschatology in a range of different societies; and will try to arrive at some generalisations about how these are related to social structure and to other aspects of the ideology.

Pre-Requisites: *Introduction to Social Anthropology and Ethnography and Theory: Selected Texts*.

Teaching Arrangements: Lectures (An314) 10 Michaelmas Term. Classes (An314a) 10 Michaelmas Term.

Written Work: Students must write one assessment essay. They may also be expected to make one or two oral presentations in classes.

Reading List: M. Bloch, *Placing the Dead*; M. Bloch & J. Parry, *Death and the Regeneration of Life*; W. Douglass, *Death in Murelaga: Funeral Rituals in a Spanish Basque Village*; P. Aries, *Western Attitudes Toward Death*; A. Weiner, *Women of Value; Men of Renown*; R. Huntington & P. Metcalf, *Celebrations of Death: the Anthropology of Mortuary Ritual*; S. C. Humphreys & H. King, *Mortality and Immortality: the Anthropology and Archaeology of Death*; J. Goody, *Death, Property and the Ancestors*; R. Hertz, "A Contribution to the Study of the Collective Representation of Death" in *Death and the Right Hand* (trans. R. and C. Needham); P. Danforth, *Death Rituals of Rural Greece*; G. Lienhardt, *Divinity and Experience: the Religion of the Dinka*.

Examination Arrangements: There is a two-hour examination in the Summer Term, with 7 questions, 2 of which are to be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get fewer marks.

An 1344

The Anthropology of Art and Communication

Teacher Responsible: Dr. A. Gell, Room A610 (Departmental Secretaries, A605)

Course Intended Primarily for: B.A. c.u. main field Social Anthropology 2nd and 3rd year; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Scope: The study of primitive art.

Syllabus: The production of works of art in their social context with particular reference to the significance of art for political and religious life. Aesthetics and the problem of cross-cultural evaluation of artistic production. The relationship between the visual arts and other media of communications. Art objects as items of exchange and commerce.

Pre-Requisites: Introduction to Social Anthropology and Ethnography and Theory: Selected Texts.

Teaching Arrangements: Lectures (An315) 10 Michaelmas Term. Classes (An315a) 10 Michaelmas Term.

Written Work: Students must write one assessment essay. They may also be expected to make one or two oral presentations in classes.

Reading List: To be announced.

Examination Arrangements: There is a two-hour examination in the Summer Term, with 7 questions, 2 of which are to be answered. Classwork assessment forms 20% of the mark and candidates who do not submit their written work by the due date will get fewer marks.

An1397

Special Essay Paper

Course Intended for B.Sc. (Econ.) Special Subject Social Anthropology.

Scope: The essay may be on any topic deemed to be amenable to anthropological analysis, and agreed by the candidate's tutor. The tutor will be concerned that there is an adequate body of relevant literature available for analysis, and that the topic as defined is not unmanageably large.

Syllabus: There is no formal syllabus. Candidates will be expected to draw widely on their reading from other anthropology courses.

Teaching Arrangements: Formal instruction is not provided, but tutors will advise candidates during their normal tutorial meetings on scope, topic, and relevant reading, as well as on general approaches. Tutors are not permitted to read or comment on drafts of the essay, however, and students opting for the essay should not expect additional tutorial meetings to discuss it.

Written Work: The essay should be not more than 10,000 words of main text, including footnotes and appendices but excluding bibliography. In students' own interests the essay should ideally be typed, double

spaced, using reference procedures of *Man* (The Journal of the Royal Anthropological Institute) in a consistent fashion.

The essay must be handed in by the date announced by the School which will normally be May 1st, and at the Examinations Office. The student is advised to retain a copy, to guard against mishap.

Examination Arrangements: see **written work**, above.

An1398

Special Essay Paper

Course Intended for B.A. c.u. main field Social Anthropology 3rd year.

Scope: The essay(s) may be on any topic deemed to be amendable to anthropological analysis, and agreed by the candidate's tutor. The tutor will be concerned that there is an adequate body of relevant literature available for analysis, and that the topic as defined is not unmanageably large.

Syllabus: There is no formal syllabus. Candidates will be expected to draw widely on their reading from other anthropology courses.

Teaching Arrangements: Formal instruction is not provided, but tutors will advise candidates during their normal tutorial meetings on scope, topic, and relevant reading, as well as on general approaches. Tutors are not permitted to read or comment on drafts of the essay(s), however, and students opting for the essay should not expect additional tutorial meetings to discuss it.

Written Work: The essay may not be more than 6,000 words of main text, including footnotes and appendices but excluding bibliography. The student may offer two essays, each of not more than 3,000 words of main text. In students' own interests the essay(s) should ideally be typed, double spaced, using reference procedures of *Man* (The Journal of the Royal Anthropological Institute) in a consistent fashion.

The essay(s) must be handed in by the date announced by the School, which will normally be May 1st, and at the Examinations Office. The student is advised to retain a copy, to guard against mishap.

Examination Arrangements: see **written work**, above.

An2210

General Principles of Social and Cultural Anthropology

See An1200, An 1220 and An1300

An2211

Political and Economic Anthropology

See An1222

An2212

The Anthropology of Religion

See An1302

BUSINESS STUDIES

Lectures and Seminars

Lecture/Seminar Number

BS100 **Business Policy**
Professor K. E. Thurley,
Dr. R. Peccei and
Dr. K. N. G. Bradley

24/MLS

ECONOMICS

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec100	Economics A1 Mr. K. Klappholz	23/MLS	Ec1401
Ec101	Economics A2 Dr. C. M. E. Whitehead and Dr. N. A. Barr	36/MLS	Ec1400
Ec102	Economics B Professor M. Morishima and Dr. S. Estrin	40/ML	Ec1403
Ec103	Basic Mathematics for Economists	30/ML	Ec1415
Ec104	Economics C Dr. J. S. Lane	40/ML	Ec1408
Ec105	Economic Aspects of British Social Services (Not available 1986-87) Dr. N. A. Barr	10/M	
Ec110	The U.K. Economy: Problems and Policy Dr. J. Le Grand	24/MLS	Ec1420
Ec111	Economic Principles (i) Micro-Economic Theory (ii) Macro-Economic Theory Professor P. R. G. Layard and Professor N. H. Stern	20/ML 20/ML	Ec1425 Ec1425
Ec112	Problems of Applied Economics Dr. F. van der Ploeg and Professor M. Desai	22/MLS	Ec1500
Ec113	Economic Analysis (i) Micro Dr. F. Cowell (ii) Macro Dr. F. van der Ploeg	20/ML 20/ML	Ec1426 Ec1426
Ec114	Mathematical Economics Dr. A. Horsley	25/MLS	Ec1570
Ec115	Principles of Econometrics Professor A. C. Harvey	40/ML	Ec1561

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec117	Econometrics of Individual Behaviour Mr. S. E. Pudney	10/M	Ec1579; Ec2411
Ec118	Micro-Foundations of Macro-Economics	10/M	Ec1579
Ec119	Cost-Benefit Analysis Dr. S. Glaister	10/L	Ec1579
Ec120	Econometric Topics in Macro-Economics Mr. J. J. Thomas	10/L	Ec1579; Ec2411
Ec124	Seminar in Quantitative Economics Professor M. J. Desai and Mr. J. J. Thomas	20/L	Ec1569
Ec130	History of Economic Thought	20/ML	Ec1540
Ec131	Advanced Economic Analysis	30/ML	Ec1506
Ec132	Economics of Industry Dr. C. M. E. Whitehead	25/MLS	Ec1451
Ec133	Selected Topics in the Economics of Industry and Trade Dr. C. M. E. Whitehead and others	24/MLS	Ec1541
Ec134	Theory of Business Decisions Professor L. P. Foldes	22/MLS	Ec1453
Ec135	Economics of Investment and Finance Professor L. P. Foldes	25/MLS	Ec1542; Ec2428
Ec136	Labour Economics Dr. S. Wadhvani	25/MLS	Ec1452
Ec137	The Economics of Public Finance Professor A. B. Atkinson	20/ML	Ec1507
Ec138	Current Issues in Public Finance Dr. N. Barr	5/M	Ec1507
Ec139	Principles of Monetary Economics Mr. R. A. Jackman	30/ML	Ec1513
Ec141	The British Monetary System Mr. R. F. G. Alford	20/M	Ec1514
Ec142	Monetary Systems Seminar Mr. R. F. G. Alford	10/ML	Ec1514

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec143	Introduction to Economic Policy Professor C. Goodhart and Professor M. King	30/ML	Ec1450
Ec144	The Economics of the Welfare State Dr. N. A. Barr and Dr. J. Le Grand	24/MLS	Ec1543
Ec145	International Economics Dr. E. A. Kuska	20/ML	Ec1520
Ec146	Economic Development Professor N. H. Stern	25/MLS	Ec1521; Ec2440
Ec147	Economic Institutions Compared Professor P. J. D. Wiles and Dr. S. Estrin	40/ML	Ec1454
Ec148	Economic Planning Dr. S. Gomulka	40/ML	Ec1527
Ec149	The Economics and Geography of Transport (Not available 1986-87)	25/ML	Ec1544
Ec150	Transport Economics Treated Mathematically (Not available 1986-87)	10/L	Ec1510; Ec1544; Ec2432
Ec202	Preliminary-Year Micro-Economics	20/ML	Ec2591
Ec203	Preliminary-Year Macro-Economics Mr. R. A. Jackman	20/ML	Ec2590
Ec210	Final-Year Mathematics for Economics Dr. E. A. Kuska	September course	Ec2410
Ec211	Final-Year Statistics for Economists Dr. J. R. Magnus	September course	Ec2410
Ec212	Micro Economics I Dr. S. Glaister and Dr. J. Sutton	40/ML	Ec2404
Ec213	Micro Economics II Professor A. B. Atkinson and Professor M. Morishima	20/ML	Ec2405
Ec214	Macro Economics I Dr. C. R. Bean	40/ML	Ec2402
Ec215	Macro Economics II Professor C. A. Pissarides	40/ML	Ec2403

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec216	Methods of Economic Investigation I Dr. H. Wills, Mr. J. E. H. Davidson and Mr. J. J. Thomas	48/ML	Ec2410
Ec217	Capital Theory (Not available 1986-87)	4/L	Ec2402; Ec2403
Ec219	Advanced Economic Theory Professor M. Morishima	18/ML	Ec2420
Ec221	History of Economic Thought (Not available 1986-87) (i) Classical Economics (ii) Seminar	20/ML 20/ML	Ec2425 Ec2425
Ec222	Introduction to International Trade and International Monetary Economics (i) Theory Dr. E. A. Kuska (ii) History and Institutions	10/M 10/M	Ec2426 Ec2426
Ec223	International Trade Theory and Commercial Policy Dr. B. Hindley	15/ML	Ec2426
Ec224	International Monetary Economics Dr. E. A. Kuska	15/ML	Ec2426
Ec226	Theory of Optimal Decisions		Ec1542; Ec2428
Ec227	Labour Economics (i) Labour Supply, Demand, Unemployment and Wage Inflation Professor P. R. G. Layard (ii) Microeconomic Foundations of Unemployment Professor C. Pissarides	25/ML 10/L	Ec2429 Ec2429
Ec228	Monetary Economics Professor C. Goodhart and Dr. D. Webb	45/MLS	Ec2430
Ec229	International Banking and Euro-Markets Mr. R. F. G. Alford	10/L	Ec2430
Ec231	Welfare Analysis for Transport Economics (Not available 1986-87)	5/M	Ec2432 Ec2432
Ec232	Economics of Transport: Road and Rail (Not available 1986-87)	5/M	Ec1544; Ec2432

Lecture/ Seminar Number		Study Guide Number	
Ec233	Economics of Transport: Aviation (Not available 1986-87)	5/S	Ec2432
Ec234	Transport and Urban Economics Seminar Dr. S. Glaister, Mr. R. A. Jackman and Dr. C. M. E. Whitehead	10/L	Ec2432; Ec2510
Ec235	Cost-Benefit Analysis (Not available 1986-87)	6/L	Ec2510
Ec236	The Economics of Public Finance (Graduate Course) Professor A. B. Atkinson	20/ML	Ec2435
Ec238	Public Enterprise Economics Professor Bös	3/L	Ec2435; Ec2436
Ec240	Economics of Industry (Graduate Course) Dr. J. Sutton	20/ML	Ec2436
Ec242	The Economics of Less Developed Countries Professor N. H. Stern	25/ML	Ec2440
Ec243	Seminar on the Economics of Less Developed Countries Professor N. H. Stern	20/ML	Ec2440
Ec245	Soviet Economic Development (Not available 1986-87)	25/MLS	Ec1548; Ec2441; Ec2442
Ec246	Economic Problems of the Communist World — Seminar (part of Comparative and Economic Systems — Seminar) Dr. S. Gomulka	13/MLS	Ec1548; Ec2441; Ec2442
Ec247	Theory and Implementation of Central Indicative and Development Planning Professor P. J. D. Wiles, Dr. S. Estrin and Dr. S. Gomulka	35/MLS	Ec2442
Ec248	Planning and Comparative Economics — Seminar (part of Comparative and Economic Systems — Seminar) Dr. S. Gomulka	13/MLS	Ec2442
Ec249	Capital Markets Professor M. King	25/MLS	Ec2435; Ec2437
Ec251	Manpower Development Planning (Not available 1986-87)	10/M	Ec2429; Ec2440

Lecture/ Seminar Number		Study Guide Number	
Ec253	Marx, Walras and Keynes in the Light of Contemporary Economic Analysis (Not available 1986-87)	25/MLS	Ec2455
Ec254	Marx, Walras and Keynes in the Light of Contemporary Economic Analysis — Seminar (Not available 1986-87)	10/L	Ec2455
Ec255	Economic Organisation of the European Community Mr. A. Marin	13/ML	Ec2516
Ec256	Economic Organisation of the European Community — Seminar Mr. A. Marin	15/ML	Ec2516
Ec257	Basic Economic Concepts Dr. A. Roell	20/M	Ec2516
Ec258	The Economics of Inequality Professor A. B. Atkinson	35/ML	Ec2465
Ec259	Seminar on Economic Inequality Professor A. B. Atkinson	5/L	Ec2465
Ec260	The Economics of Technological Change and Long Term Growth (i) Micro-Economics Mr. D. E. de Meza and Dr. T. Horsley (ii) Macro-Economics Dr. S. Gomulka	18/ML 13/ML	Ec2470 Ec2470
Ec263	Technological Change — Seminar Dr. S. Gomulka and Mr. D. E. de Meza	5/L	Ec2470
Ec300	Preliminary-Year Seminar in Economics	20/ML	
Ec301	Preliminary-Year Seminar in Econometrics Dr. J. R. Magnus	25/MLS	
Ec302	Graduate Seminar for Advanced Quantitative Economics (i) Mr. S. E. Pudney and Professor P. M. Robinson (ii) Dr. S. Wadhvani and Dr. F. van der Ploeg	(i) 10/M (ii) 10/L	Ec2550 Ec2551
Ec303	Advanced Quantitative Economics I & II (I) Mr. S. E. Pudney (II) Dr. S. Wadhvani	(I) 10/M (II) 10/L	Ec2550 Ec2551

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec306	Topics in Advanced Mathematical Economics	10/M	Ec2570
Ec309	Economies with Incomplete Markets	10/L	Ec2570
Ec311	Public Economics Dr. A. Horsley	10/M	Ec2570
Ec312	Intertemporal Economics Dr. J. S. Lane	10/L	Ec2570
Ec313	Duality, Programming and Economic Theory (Not available 1986-87)	10/L	Ec2571
Ec314	Seminar in Mathematical Economics	12/MLS	Ec2571
Ec315	Asymptotic Theory for Econometrics Professor P. M. Robinson	5/M	Ec2560
Ec316	Advanced Econometric Theory Professor P. M. Robinson	25/MLS	Ec2560
Ec317	Finite Sample Properties Professor D. Sargan	10/L	Ec2561
Ec318	Qualitative Response Models Mr. S. E. Pudney	10/M	Ec2561
Ec319	Matrix Differential Calculus (Not available 1986-87)	10/M	Ec2560; Ec2561
Ec320	Structural Time Series Models and the Kalman Filter Professor A. C. Harvey	10/L	Ec2561
Ec321	Non-Linear Techniques in Econometrics Mr. J. E. H. Davidson	10/M	Ec2561
Ec322	Bayesian and Decision Theory Methods (Not available 1986-87)		
Ec323	Seminar in Econometrics Professor A. C. Harvey and Professor P. Robinson	12/MLS	Ec2560; Ec2561
Ec400	Elements of Urban and Regional Economics Dr. C. M. E. Whitehead	18/ML	Ec2510; SM8357
Ec401	Seminar in Regional and Urban Economics Mr. R. A. Jackman	15/ML	Ec2510
Ec410	Topics in Economic Analysis Professor M. A. King and others	30/ML	Ec2495

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Ec411	Seminar in Research Strategy Professor C. A. Pissarides	20/ML	
Ec412	Seminar for Research Students in Economics	30/MLS	
Ec450	Money and Macro-Economic Workshop Mr. R. F. G. Alford and Dr. D. C. Wood	49/MLS	
Ec452	The Unemployment Seminar Mr. R. A. Jackman and Professor P. R. G. Layard	15/MLS	Ec2429; Ec2450
	Econometrics Workshop Professor P. M. Robinson, Mr. J. E. H. Davidson, Professor J. D. Sargan, Dr. J. R. Magnus, Mr. S. E. Pudney, Professor A. C. Harvey and Dr. H. Wills	MLS	

Study Guides

Transport and Urban Economics (Seminar)

Teachers Responsible: Dr. S. Glaister, Mr. R. Jackman, Room S376 and Dr. C. Whitehead.

Course Intended for graduate students.

Scope: Presentation and discussion of papers by research students, staff members and visitors.

Teaching Arrangements: Seminars (Ec234) held in the Lent Term.

Ec234

Seminar in Research Strategy

Teacher Responsible: Professor C. A. Pissarides, Room S678

Course Intended for M.Phil. and Ph.D. students in Economics.

Scope: The seminar will emphasize the selection of research topics and the design of feasible research programmes.

Teaching Arrangements: Seminars (Ec411). Twenty hours, Michaelmas and Lent Terms.

Ec411

Seminar for Research Students in Economics

Teacher Responsible: To be announced.

Course for all students registered for M.Phil. or Ph.D. degrees in Economics.

Scope: 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 economic research. The approach is informal and an emphasis is placed on allowing adequate time, more than one week on a single paper if necessary, so that questions raised by the speaker or the participants may be satisfactorily resolved. Members of the seminar may suggest and agree on inviting outside speakers. The majority of the papers consist of students' research work at various stages of progress.

Teaching Arrangements: The seminar meets weekly throughout the academic year.

Ec412

Money and Macro Economics Workshop

I: Theory and Testing

Teachers Responsible: Professor C. Goodhart, Room S378 and Dr. D. C. Webb, Room S587

Workshop for academic staff, research students, academic visitors and others invited to attend.

Scope: Theory and empirical testing in the fields of monetary and macro-economics.

Meeting Arrangements: The workshop is held fortnightly, alternately with **Professor King's Capital Markets Workshop** on Wednesdays at 5-6.30 p.m. and is Sessional.

Ec450

II: Banking and Finance

Teacher Responsible: Mr. R. Alford, Room S378 and Professor C. Goodhart, Room S377.

Workshop for academic staff, research students, academic visitors and others invited to attend.

Scope: Current problems and policy in the fields of money and finance, occasionally in macro-economics, and in banking and other capital market institutions, both British and international.

Meeting Arrangements: The workshop is held fortnightly on Thursdays at 5-6.30 p.m.

Ec1400

Economics A2

Teacher Responsible: Dr N. A. Barr, Room S578

Course Intended Primarily for B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II 2nd or 3rd year; B.A./B.Sc. by Course Unit, main fields Geography, Management Sciences, Social Anthropology, Sociology, Social Psychology (Course Unit 12/340/1400), 1st, 2nd or 3rd year. Diploma in Accounting and Finance (Paper 3, 4 and 5 (a)); Diploma in Management Sciences (V (a)); M.Sc. final year. Not to be taken if Economics B has already been taken.

Scope: This is an introductory course in economic theory; it assumes no previous knowledge of economics or mathematics.

Syllabus: The course gives a foundation in economic theory, primarily to those who have done no economics before. It is suitable for those who intend to do further economics, either specialist or non-specialist. No knowledge of algebra is assumed. The course covers standard micro- and macro-economic theory and its extensions and some aspects of income distribution. Topics dealt with include demand and supply, theories of utility and cost, market structures, optimality, theories of wages and labour supply, macro-economic equilibrium in the goods and money markets, unemployment, inflation, and the balance of payments.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture course and an accompanying set of classes:

Lectures: Ec101 **Economics A2** 36 lectures (18 Michaelmas, 15 Lent and 3 Summer Term)

Classes: Ec101(a) 20 Sessional.

Ec101 **Economics A2** covers the whole of the syllabus described above; 18 lectures (Michaelmas Term, Dr. C.

M. E. Whitehead are on microeconomics; the remaining 18 (Lent and Summer Terms, Dr. N. A. Barr, are on macroeconomics. The course follows fairly closely standard first year textbooks such as Lipsey, Baumol and Blinder or Begg, Fischer and Dornbusch (see details below).

Lecture handouts are distributed at frequent intervals; they contain the outline of the lectures, details of prescribed readings and questions for discussion in classes. Interactive software programmes are available for use on a voluntary basis.

Ec101a There are 20 classes, usually taught by part-time teachers. They are used mainly to deal with questions arising out of the lectures and with some of the questions on the lecture handouts. They are used also to discuss students' written work.

Written Work: In addition to the programmed learning problem sets class teachers will normally set and mark four pieces of written work from each student during the course.

Reading List: Students should buy one of the following: R. G. Lipsey, *An Introduction to Positive Economics* (6th edn.), Weidenfeld and Nicolson, 1983; W. J. Baumol & A. S. Blinder, *Economics, Principles and Policy* (3rd edn.), Harcourt Brace Jovanovich, 1985; D. Begg, S. Fischer and R. Dornbusch, *Economics*, McGraw-Hill, 1984.

No one book is better than any of the others; each student should buy the book which best suits his/her personal style.

Supplementary Reading List: Before the start of the course students may wish to consult: P. Donaldson, *A Question of Economics*, Penguin; J. Robinson, *Economic Philosophy*, Penguin; J. K. Galbraith, *Economics and the Public Purpose*, Penguin; M. Friedman & R. Friedman, *Free to Choose*, Penguin; M. Stewart, *Keynes and After*, Penguin. Further supplementary reading is given in the weekly handouts.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus. The assessment for the course is based entirely on the examination result. The examination contains two types of question

(a) a compulsory question consisting of eight questions requiring short answers, and of which the student must answer four; and

(b) seven or eight questions requiring longer answers of which the student must answer three. Students will be expected to answer questions from both Micro and Macro Economics.

Copies of previous years' papers are available.

Ec1401

Economics A1

Teacher Responsible: Mr. K. Klappholz, Room S578

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields for Anth. 2nd year, Soc., Soc. Psych., optional for Dip. Soc. Plan.

Scope: The course is elementary, but rather than aiming to provide an introduction to the technical apparatus of economic theory, it is intended to explain and illustrate the major ideas economists apply both to the explanation of social phenomena and to issues of economic policy. Thus the course is designed for students who do not intend to take a Special Subject in the Economics Department (i.e. who do not intend to take Special Subjects I-VI inclusive). No prior knowledge of economics is assumed, though, because of the slant of the course students with A-level economics have found it interesting.

Syllabus: Economics and scarcity. Economic agents and economic institutions. Market processes, demand and supply analysis. Market failures. Applications of micro-economic analysis to some present day policy problems. Policy aims with respect to rates of change of price, output and employment levels, and means of achieving these aims.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture course and an accompanying set of classes. Lectures: Ec100 **Economics A1** 25 lectures (10 Michaelmas, 10 Lent, 5 Summer Term) Classes: Ec100(a) 22 Sessional.

Ec100 **A1** is given by one lecturer (Mr. K. Klappholz, S88). Approximately half of the lectures are devoted to issues such as the role of markets, private property, and of government in the allocation of resources, while in the remaining half arguments are examined concerning the role of government in the attempt to stabilise economic activity.

Students are provided with brief outlines of the main topics of the course and reading suggestions.

Ec100(a) The 22 classes are usually taught by the same person who gives the lectures. They are devoted to questions which may arise out of the lectures, to a consideration of discussion topics with which students are provided, and to any relevant questions raised by members.

Written Work: Each student is expected to write 4 essays in conjunction with the 22 classes. These essays will be marked by the class teacher and returned to the students. The topics for the essays may be chosen from the list of discussion topics or from past examination papers, or by arrangement with the class teacher. Should any student wish to write more than 4 essays, the class teacher will be glad to mark them.

Reading List: Since the course is not meant to be a conventional one, following the sequence of conventional textbooks, there is no single book which covers the whole course. However, all students will wish to buy at least the two books marked with an asterisk.

(Books preceded by (1) are recommended for the first time).

Books relevant for the whole course are: J. E. Meade, *The Intelligent Radical's Guide to Economic Policy* (for a liberal-socialist view); M. Friedman & R. Friedman, *Free to Choose* (for a classical liberal, or "Chicago" view); E. J. Mishan, *Twenty-one Popular Economic Fallacies* (1st edition as well as later editions); A. Lindbeck, *The Economics of the New Left* (2nd edition).

For the first part of the course: *J. le Grand & R. Robinson, *The Economics of Social Problems*; A. M. Okun, *Equality and Efficiency*; P. B. McKenzie & G. Tullock, *The New World of Economics* (2nd edition); G. Tullock, *The Vote Motive*, IEA Hobart Paperback No. 9.

For the second part of the course: *I. A. Trevithick, *Inflation* (2nd edition); S. Brittan, *How to End the Monetarist Controversy*, IEA Hobart Paper 90 (2nd edition); (1) F. Cairncross & P. Keeley, *The Guardian Guide to the Economy*; (1) D. Gowland, *Controlling the Money Supply*.

The above are suggestions for minimal reading, and additional suggestions will be contained in the course outlines. These will include references to publications of the Institute of Economic Affairs as well as to articles in Bank Reviews.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the whole syllabus, the results of which wholly determine the assessment for the course. The examination paper contains 12 essay-type questions, of which candidates

are required to answer any five. Copies of past examination papers are available.

Ec1403

Economics B

Teachers Responsible: Dr. S. Estrin Room S581 and Professor M. Morishima, Room R410 (Secretary, Ms. D. Clark, R411)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields, Maths., Stats., Comp., Act. Sci., Man. Sci., Dip. Man. Sci.

Scope: The aim of the course is to give students the conceptual basis and the necessary analytical tools for understanding contemporary economics.

Syllabus: Part A (Dr. S. Estrin) – Theory of consumer behaviour; theory of the firm; market equilibrium; imperfect competition; general equilibrium theory; welfare economics; financial markets. Part B (Professor Morishima) – Analysis of the market: for the primary industry and for the secondary industry; determination of exchange rates; an aggregative general equilibrium model; is full employment possible?; public finance policy; monetary policy.

Pre-Requisites: A knowledge of A-level economics is desirable, as is some knowledge of mathematics (e.g. elementary linear algebra and calculus). Neither is essential, but those students without this background should be prepared to do extra work.

Teaching Arrangements: Dr. S. Estrin will give twenty 1-hour lectures (Ec102) in the Michaelmas Term, and Professor Morishima will give twenty 1-hour lectures (Ec102) in the Lent Term. There will also be twenty-two accompanying classes (Ec102a) through the year.

Reading List: W. J. Baumol and Alan S. Blinder, *Economics: Principles and Policy*; Michio Morishima, *The Economics of Industrial Society*; R. G. Lipsey, *An Introduction to Positive Economics*; Peter J. de la F. Wiles, *Price, Cost and Output*; A. M. Okun, *Prices and Quantities*; David Laidler, *Introduction to Microeconomics*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus of parts A and B of the course. There will be at least twelve questions, of which four must be answered. Students must choose at least two from each part of the course.

The assessment of the course is based exclusively on the exam paper.

Ec1408

Economics C

Teacher Responsible: Dr. John Lane, Room S580.

Course Intended Primarily for B.Sc. (Econ.) Part I and II; B.Sc. Course Unit main fields Maths., Stats., Computing, Actuarial Science, Management Sciences, Diploma Management Sciences.

Scope: An introduction to economic principles suitable for those intending to specialise in economics. A mathematical approach is adopted whenever it is appropriate. Although the syllabus is similar to those of many 'A' level courses, the approach is quite different to that usually found at 'A' level. 'A' level

economics is not a requirement for this course, nor is it necessarily a great advantage to have taken it. A facility with applied mathematics, on the other hand, is a considerable advantage.

Syllabus: Supply and demand; static and dynamic properties of markets in equilibrium. The competitive producer: the production and cost functions, returns to scale; the supply function, the input demand functions, the elasticity of substitution; the firm and the industry. The theory of consumers' behaviour; preferences and utility functions, demand functions, expenditure functions and compensated demand functions; the Slutsky equation; revealed preference; labour supply. Welfare economics in competitive markets; Pareto efficiency, general equilibrium; the effect of taxes, externalities, public goods. Monopoly, oligopoly, imperfect competition and imperfect information. Macroeconomics; the multiplier, fiscal policy, simple dynamic models; investment and the rate of interest, the demand for money; full equilibrium, fiscal and monetary policy.

Teaching Arrangements:

Classes: Eighteen weekly classes (Ec104a) in the Michaelmas, Lent and Summer Terms.

Lectures: Two lectures a week are held, forty lectures (Ec104) in the Michaelmas and Lent Terms.

There are two text books for the course, both of which are required reading. One of these is: *A Mathematical Introduction to Economics* by Alasdair Smith (Blackwell, 1982). You must buy and become thoroughly familiar with this text. As you read the book you should be sure to redraw each diagram for yourself to a much larger scale. This will greatly enhance your understanding and it will help you to remember the material. At the end of each chapter you will find a set of exercises. You should attempt as many of these as you possibly can, even though your class teacher will only have time to discuss a small proportion of them. Take every opportunity to discuss them – and the lecture material – with your colleagues. Some exercises require a largely mathematical answer, some are best tackled using diagrams, some require a purely verbal answer, and some require combinations of these approaches. Usually it will be obvious what approach is required, but sometimes you will have to form your own judgement of the best way to tackle a question. You will undoubtedly find, especially at first, that the skill of forming such judgements is harder to acquire than the purely mathematical skills required.

An Introduction to Positive Economics by R. G. Lipsey (Weidenfeld & Nicolson). The fifth edition is available in paperback at £8.50 but it is no handicap to use the second or third or fourth editions. Smith's book is not a substitute for this book: they should be used together. Specific references to Lipsey may not always be given in the lectures but it is normally easy enough to find the relevant passages.

It is very important that you should give as much attention to Lipsey as to the rather more terse mathematical book. There is a danger that a thorough understanding of the formal, mathematical manipulations will give you a false impression of understanding the underlying economics of what is being said. The economics is the important thing and

so you must guard against a superficial understanding by reading Lipsey.

Occasionally you may find it helpful to refer to three other books: G. C. Archibald and R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics* and W. J. Baumol, *Economic Theory and Operations Analysis*, and E. Silberberg, *The Structure of Economics, a Mathematical Analysis* but you will not need to buy them, and again, it is not necessary to consult the latest editions.

If you do not understand something said in a lecture, do not hesitate to ask to have the point repeated and clarified. The chances are that other students have the same problem. I will be sticking closely to the material in Smith's book (although there will not be time to cover all of it) and so there is no necessity to take full lecture notes if you do not want to. However, many people find it much easier to understand and remember things if they write them down. And when you come to revise after a period of time, you may find notes you have written yourself easier to follow than material written by somebody else.

Classes will be every week. These will give you an opportunity to discuss your problems with the lecturers and to discuss any other matters you or your class teacher may wish.

Reading List: The first two titles are required reading. You should certainly buy Smith and you will need easy access to Lipsey.

M. A. M. Smith *A Mathematical Introduction to Economics*, Blackwell; R. G. Lipsey, *An Introduction to Positive Economics*, Weidenfeld & Nicolson.

Supplementary Reading List: G. C. Archibald & R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics*; W. J. Baumol, *Economic Theory and Operations Analysis*; E. Silberberg, *The Structure of Economics, a Mathematical Analysis*.

Examination Arrangements: You are strongly advised to have a look at recent past examination papers for the course (available in the Teaching Library) so as to get an idea of what is required at the end of the year. The paper requires you to answer four questions in three hours from a total of about nine. Each question carries 25% of the marks.

Ec1415

Basic Mathematics for Economists

Teacher Responsible: To be announced

Course Intended Primarily for B.Sc. (Econ.) Part I; Diploma in Economics.

Scope: Course Ec103 is designed to provide students with the elementary mathematical tools that are needed to pursue a degree in economics. Application of these techniques to a variety of economic problems is given particular emphasis. Course SM100 covers other topics contained in a typical A-level Pure Mathematics syllabus and provides the necessary background for SM102, *Elementary Mathematical Methods*.

Syllabus:

Ec103 (Part A): Linear and quadratic functions; systems of linear equations; input-output analysis; an introduction to linear programming; geometric series;

discounting and present values. Differentiation of polynomials; differential rules for products, quotients and functions of functions; marginal cost and marginal revenue; price and income elasticity; maximisation and minimisation; logarithms; the exponential function and its derivative; definite and indefinite integrals; consumer's surplus, summation of continuous flows. Ec103 (Part B): Functions of several variables; partial differentiation; maxima and minima; properties of production functions; profit maximisation and cost minimisation; utility and demand functions; the lagrange multiplier method for maximisation and minimisation under constraints; equilibrium and stability in dynamic models.

SM100: Partial fractions; trigonometric and inverse trigonometric functions; further calculus, including integration by parts and by substitution; Taylor series. **Pre-Requisites:** The course is designed for students with a reasonable understanding of O-level mathematics, or its equivalent. Prior knowledge of calculus is not assumed.

Teaching Arrangements: The 28 lectures for Ec103 are given during Michaelmas and Lent Terms. SM100 will be given towards the end of the Michaelmas Term. Comprehensive lecture notes are provided for both lecture courses. Students will be allocated one class a week (Sessional) in connection with Ec103. 10 extra classes will be organised for those choosing to attend SM100. A further remedial class will be arranged for those in difficulty.

Written Work: There are sets of problems associated with both courses that will form the basis of class discussion. The capacity to solve problems similar to those in the class exercises is the primary focus of the course. Students should make every effort to tackle the exercises, and to hand in solutions, in advance of the class discussion.

Reading List: There are a variety of texts that cover most of the material in Ec103 and are close substitutes. It is advisable to purchase one of the following: G. C. Archibald & R. G. Lipsey, *An Introduction to a Mathematical Treatment of Economics*; J. Colin Glass, *An Introduction to Mathematical Methods in Economics*; J. Black and J. F. Bradley, *Essential Mathematics for Economists*; Edward T. Dowling, *Mathematics for Economists*. Archibald and Lipsey is perhaps the most comprehensive of the above, but some students may find it a little advanced. The Book by Dowling is particularly rich in worked examples.

Examination Arrangements: The course assessment is based exclusively on a three-hour formal examination in the Summer Term. The paper will include 9 questions on the material from Ec103 and 3 questions on SM100. Students are required to answer 5 questions with no restriction on choice, and each question is given equal weight. Students can expect to pass the course if they correctly answer 2 complete questions.

In designing the examination it is assumed that students have attended Ec103 (Part A) and either Ec103 (Part B) or SM100 or both. However, the appropriate strategy for almost all students will be to attend both parts of Ec103, and then opt to attend SM100 in addition if they wish to cover the more advanced mathematical techniques.

Ec1420**The U.K. Economy: Problems and Policy**

Teacher Responsible: Dr. J. Le Grand, Room R405
Course Intended Primarily for B.Sc. (Econ.) Part II (but *not* special subjects I-VII, XIX, XX, XXVI); B.A./B.Sc. c.u. 2nd or 3rd year.

Scope: The course is aimed at students with some training in elementary economics, but who are not specialising in the subject. It concentrates on micro-economic and macro-economic policies and problems, with examples based primarily on the U.K.

Syllabus: The course covers topics chosen from the following areas: industrial policy, pollution, health care, education, housing, poverty and inequality, inflation and unemployment, stabilisation policies, incomes policy, exchange rates and balance of payments, economic growth.

Pre-Requisites: A knowledge of introductory micro- and macro-economics (e.g. as covered in *Economics A2* or U.K. "A" level economics).

Teaching Arrangements: Ec110: 12 lectures in macro-economics, 12 lectures in micro-economics throughout the year.

There are also twenty-three classes (Ec110(a)).

Classes: Students are expected to contribute to class discussions, and to hand in four essays to the class teacher.

Reading List: There is no single textbook covering the whole course; but, for the micro-economic half, students are advised to purchase: J. Le Grand & R. Robinson, *The Economics of Social Problems* (2nd edn.), Macmillan, 1984.

Detailed reading lists are handed out at the beginning of each of the two sets of lectures.

Examination Arrangements: The course is examined by a three-hour formal examination in the Summer Term. The examination paper is split into two sections with six questions in each section; students have to answer four questions, with at least one from each section.

Ec1425**Economic Principles**

Teacher Responsible: Professor P. R. G. Layard, Room S84 and Professor N. H. Stern, Room R424
Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Econ.; Dip. Acc. and Fin.; Dip. Bus. Studies.

Scope: An intermediate course in micro-economic and macro-economic analysis.

Syllabus: Microeconomics: The principles of the economic analysis of the market mechanism. The determination of relative prices, the allocation of resources and the distribution of income. Welfare economics. Some elementary calculus will be assumed.

Macroeconomics: The goods market (simple Keynesian analysis); the goods and money markets (IS/LM); the demand and supply of money, aggregate supply and demand; inflation and unemployment; the financing of budget deficits; the open economy; consumption; investment; the business cycle and stabilization policy. The treatment will involve

diagrammatic techniques and elementary algebra, but more severe mathematical treatment will not be required.

Pre-Requisites: The course is designed to follow introductory courses in Economics based on text books such as P. A. Samuelson, *Economics*; or R. G. Lipsey, *Positive Economics*. Students who have not previously studied Economics should read either of these books before commencing *Economic Principles*.

Teaching Arrangements:

Lectures: Ec111(i) **Micro-Economic Theory** 20 Michaelmas Term, by Professor N. Stern. Ec111(ii) **Macro-Economic Theory** 20 Lent Term, by Professor Layard.

Classes Ec111(a) 24 Sessional.

Classes will be largely devoted to discussion of problems designed to strengthen students' understanding of analytical methods. Students are urged to attempt the assigned problems before attending classes. At least five pieces of written work will be required and marked by class teachers.

Reading List: Micro: H. Gravelle & R. Rees, *Microeconomics*; D. Laidler, *Introduction to Microeconomics* (2nd edn.), and/or J. Hirshleifer, *Price Theory and its Applications* (2nd edn.).

In addition: D. de Meza and M. Osborne, *Problems in Price Theory* and R. Clarke, *Applied Microeconomic Problems* are valuable for practice in analytical methods.

Macro: R. Dornbusch & S. Fischer, *Macro-economics*, is the recommended text. The material of the course is also covered in G. Ackley, *Macroeconomics*, W. Branson, *Macroeconomics* or M. Perlman, *Macroeconomics*.

Supplementary Reading List: A limited amount may be recommended in the lecture courses.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The examination paper is divided into two parts, micro and macro, with six questions in each part. Candidates are required to answer two questions from each part. All questions carry equal weight. Copies of previous years' papers are available in the library.

Ec1426**Economic Analysis**

Teacher Responsible: Dr. F. A. Cowell, Room S475
Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. course unit; Diploma in Economics; Diploma in Econometrics; M.Sc. preliminary year.

Scope: The aim of the course is to provide students with a basic grounding in microeconomic and macro-economic analysis.

Syllabus: Microeconomics: Standard optimisation methods are used to analyse the theory of production, the theory of the firm, the theory of consumer behaviour; the comparative statics properties of equilibrium models are analysed. An outline of general equilibrium analysis is provided with specific discussion in a two-sector model. There is an elementary treatment of topics such as imperfect markets, uncertainty and welfare economics.

Macroeconomics: The basic macroeconomic model

incorporating a goods market, asset market and labour market is set up and its comparative statics discussed. The consumption function, investment behaviour and the demand for and supply of money are discussed in greater detail. The model is extended to incorporate the government and international trade. Elementary dynamics models of output, employment and prices are analysed.

Pre-Requisites: A knowledge of mathematics covering basic algebra, basic differential and integral calculus (including partial derivative differentiation), elementary linear algebra, simple differential and difference equations. (See *Mathematical Background*, below.) An appropriate first year economics course is an advantage but not essential.

Teaching Arrangements: Lectures: Ec113(i) **Microeconomics**, one a week in the Michaelmas and Lent Terms by Dr. F. Cowell. Ec113(ii) **Macroeconomics**, one a week in the Michaelmas and Lent Terms by Dr. F. van der Ploeg. Accompanying the lectures is a set of classes (Ec113a) which are intended for further discussion of issues raised in lectures and for discussion of problem sets issued by the lectures.

Written Work: In the Michaelmas and Lent Terms a one-hour mock examination will be held based on that term's work. Students are strongly advised to prepare for these two tests diligently since the experience gained in them will be of considerable value in preparing for the formal examinations in the Summer. Students are also strongly encouraged to work through all the examples and exercises provided by the lecturers.

Reading List: Microeconomics: The course text is F. A. Cowell, *Microeconomic Principles* (Philip Allan, 1986). Other detailed reading will be given during the course. **Macroeconomics:** The best textbook for the course is: R. Dornbusch & S. Fischer, *Macroeconomics* (3rd edn.).

Dornbusch and Fischer make little use of mathematics. A text covering many of the topics of the course at an appropriate mathematical level is: P. Burrows & T. Hirtis, *Macroeconomic Theory: A Mathematical Introduction*.

Students with strong mathematics can find a more rigorous analysis in D. J. Ott, A. F. Ott & J. H. Yoo, *Macroeconomic Theory* and S. J. Turnovsky, *Macroeconomic Analysis and Stabilization Policy* and E. Malinvaud, *The Theory of Unemployment Reconsidered*. Many other text books cover the course syllabus (without being especially mathematical). For example: W. H. Branson & J. H. Litvack, *Macroeconomics* (2nd edn.); T. F. Dernberg & D. M. McDougall, *Macroeconomics* (5th edn.); M. Perlman, *Macroeconomics* (2nd edn.).

Detailed guidance will be given in the lectures.

Mathematical Background

It is assumed that students will be familiar with basic mathematics, to the level of, say, G. C. Archibald & R. G. Lipsey, *A Mathematical Treatment of Economics*; A. C. Chiang, *Fundamental Methods of Mathematical Economics*; T. Yamane, *Mathematics for Economics*.

Examination Arrangements: There is a three-hour examination in the Summer Term based on the full

syllabus covered by the lecture courses. The paper contains 12-14 questions grouped in two or three sections. Candidates are required to answer four questions, choosing at least one from the microeconomics section and at least one from the macroeconomics section. The questions are set in such a way as to test analytical, computation and descriptive skills. Students are encouraged to check previous years' examination papers for guidances on the style of questions.

Ec1430**Introduction to Econometrics and Economic Statistics**

Teachers Responsible: Dr. C. R. S. Dougherty, Room S184, Professor A. Harvey, Room S218A and Dr. C. M. Phillips, Room S207.

Courses Intended Primarily for B.Sc. (Econ.) Part II; M.Sc. Economics preliminary year; Diploma in Economics.

Scope: The course is in two parts. Dr. Dougherty gives 22 lectures which form an introduction to econometrics. Before these lectures he gives six optional lectures which review basic statistical concepts. Dr. Phillips and Professor Harvey give 10 lectures on the collection and assessment of economic statistics, including national accounts statistics, sources and methods. Dr. Dougherty gives one additional lecture on the limitations of statistical techniques in economics.

Syllabus: Dr. Dougherty's lectures: (a) optional review lectures: random variables; expected values; hypothesis testing and confidence intervals; covariance, variance and correlation. (b) main lectures: simple and multiple regression analysis; test statistics; problems of multicollinearity and misspecification; transformation of variables; dummy variables; proxy variables; serial correlation; heteroscedasticity; measurement errors and Friedman's Permanent Income Hypothesis; simultaneous equations bias; indirect least squares; instrumental variables; two-stage least squares; model evaluation.

Dr. Phillips' lectures: measurement of 'standards' of living, the UK Family Expenditure Survey. General Household Survey and Labour Force Surveys as sources of data.

Professor Harvey's lectures: concepts of Gross Domestic Product and its components, and problems of measurement at current and constant prices; index numbers, including Retail Prices Index, Consumers' Price Index and Index of Industrial Production; Balance of Payments and Trade Statistics.

Pre-Requisites: A basic knowledge of calculus is assumed in the theoretical part of the course. Students who have not taken a basic course in statistics must attend the six preliminary review lectures.

Teaching Arrangements: Dr. Dougherty gives the six preliminary review lectures (SM230) in the first three weeks of the Michaelmas Term and the main lectures from the fourth week of the Michaelmas Term at 9 a.m. each Thursday. Dr. Phillips gives her lectures in the second half of the Michaelmas Term each Thursday at 3 p.m. and Professor Harvey's lectures are given at the

same time in the Lent Term. There is one class (SM230a) per week associated with the lectures and class group allocation takes place at the start of the Michaelmas Term. Exercises are provided each week and are discussed in the classes. Students are required to hand in written answers to the exercises for correction.

Reading List: R. G. D. Allen, *An Introduction to National Accounts Statistics* (MacMillan, 1960); covers much of Professor Harvey's part of the course. Comprehensive lecture notes will be provided for the theoretical part of the course.

Examination Arrangements: There is a three-hour formal examination at the beginning of June.

Ec1450

Introduction to Economic Policy

Teacher Responsible: Professor C. A. E. Goodhart, Room S377

Course Intended Primarily for B.Sc. (Econ.) Part II and Dip. Econ.

Scope: This course is concerned primarily with British economic policy but also with major factors affecting the world economic outlook, using economic theory and quantitative information. The field is so large that the course concentrates upon only three areas:

Macro-economic management
Economic Policy and Capital Formation
The Balance of Payments

(This course is complementary with the main second year theory courses *Principles of Economics* and *Principles of Economics Treated Mathematically*.)

Pre-Requisites: Students taking the B.Sc. (Econ.) must have taken one of the first year economics courses *Economics A2* or *Economics B*. Other students must have taken at least one year of Economics at university level.

Teaching Arrangements: Each section of the course has its own lectures and classes:

Macro-economic Management:

Ec143(i) **Macro-economic Management** (10 lectures, Professor Goodhart, Michaelmas Term)

Ec143(i) (a) (5 classes alternately during Michaelmas Term with classes for Ec143(ii)).

Ec143(ii) **Economic Policy and Capital Formation** (10 lectures, Professor King, Michaelmas Term)

Ec143(ii) (a) (5 classes Michaelmas Term, alternately with classes for Ec143(i))

The Balance of Payments:

Ec143(iii) **The Balance of Payments** (10 lectures; Professor Goodhart, Lent Term)

Ec143(iii) (a) (5 classes every second week during Lent Term)

Written Work: Written work will consist of class papers or essays which will be set by the lecturers and assessed by the class teachers.

Reading List: suitable preliminary reading would be: K. A. Chrystal, *Controversies in British Macroeconomics*; K. Cuthbertson, *Macroeconomic Policy*; S. Britten, *The Role and Limits of Government and/or How to end the Monetarist Controversy*; A. P. Thirlwall, *Balance of Payments Theory*.

More detailed reading lists will be given out during the course. Besides the suggested reading, it is strongly

recommended that students keep abreast of major current economic issues by reading the appropriate sections of newspapers, especially the *Financial Times* or journals such as *The Economist*.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper will contain at least four questions on each section of the course. Candidates have to answer four questions; there is no restriction on choice of questions.

Ec1451

The Economics of Industry

Teacher Responsible: Dr. C. M. E. Whitehead.

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Econ.; Dip. Acc. and Fin.; Dip. Bus. Studies.

Scope: A second-year undergraduate course in the **Economics of Industry** (or in North American terminology, Industrial organization).

Syllabus: The economic analysis of the structure of industry. The major subjects covered are market versus firm organization; size of firms; diversification; vertical integration; market structure and concentration; conditions of entry and strategic decisions with respect to entry. Emphasis is placed on competition and monopoly, transactions and organization costs, and the implications of market structure for economic welfare. The course examines both the analytic framework necessary for an understanding of problems of industrial structure and empirical tests of this framework.

Pre-Requisites: Students should have completed an intermediate course in economic analysis such as *Economic Principles*, or should be following that course while following this course.

Teaching Arrangements:

Lectures: Ec132 **Economics of Industry** 25 Sessional. Classes: Ec132a, 18 Sessional.

Classes will be largely devoted to discussion of topics designed to complement or supplement the lectures. Written work will be required and assessed by class teachers.

Reading List: There is no single text recommended for the whole course. A detailed reading list will be provided at the beginning of the course and class teachers will help students seeking guidance on their reading.

Useful references include: R. Clarke, *Industrial Economics*; O. E. Williamson, *Economic Organisation: Firms, Markets and Policy Controls*; D. Needham, *The Economics of Industrial Structure, Conduct and Performance*; J. V. Koeh, *Industrial Organisation and Prices*; K. George & O. Joll, *Industrial Organisation*.

A more comprehensive treatment can be found in: F. M. Scherer, *Industrial Market Structure and Economic Performance*. (Its scope is much more extensive than the course.)

References to journal articles and texts relating to specific topics will be given in the lectures.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. A compulsory question accounts for 40% of the total

marks; there is a choice of five sub-questions from at least ten. The remaining 60% of the marks are assigned to three questions, to be selected from at least six.

Ec1452

Labour Economics

Teacher Responsible: Dr. S. Wadhvani.

Course Intended Primarily for B.Sc. (Econ.) 2nd or 3rd year; Diploma in Economics.

Scope: The course seeks to introduce students to the major theoretical principles of labour economics and to recent applied work in the area.

Syllabus: 'Causes' of Unemployment:

- (i) Real wage rigidity
- (ii) Fiscal/Monetary policy
- (iii) Inflation
- (iv) Unemployment benefits
- (v) Union power
- (vi) Tax reform
- (vii) Technical change

The above will subsume an analysis of the aggregate demand for labour under alternative assumptions, the theory of labour/leisure choice, the theory of job search, an economic analysis of trade union behaviour, and models that purport to explain wage rigidity (e.g. efficiency wage models).

The distribution of earnings: including the human capital model, the role of the educational system, labour market discrimination and the role of genes in determining earnings.

Possible 'cures' for stagflation, including incomes policies and profit-sharing schemes.

Pre-Requisites: It is essential for students to have taken, or be taking, the 2nd year B.Sc. (Econ.) courses *Economic Principles* and *Introduction to Econometrics and Economic Statistics* (of course, alternative courses which cover similar material would be equally acceptable). Also, a knowledge of elementary calculus (e.g. the level achieved in *Basic Mathematics for Economists*) is useful.

Teaching Arrangements: Ec136 25 Michaelmas, Lent and Summer Terms.

Ec136a 23 Michaelmas, Lent and Summer Terms.

Reading List: There is no text book for the course, although students might consult Addison and Siebert, *The Market for Labor*; or Hamermesh and Rees, *The Economics of Work and Pay*. Additional reading will be suggested in the course.

Examination Arrangements: Assessment is based wholly on a three-hour examination in the Summer Term. Usually, students are expected to answer three out of about eight questions.

Ec1453

Theory of Business Decisions

Teacher Responsible: Professor L. P. Foldes, Room S182

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. course unit main fields Maths., Stats., Act. Sci., Man. Sci.; Dip. Econ.

Scope: An introduction to concepts of normative decision theory common to economics, statistics,

operational research and related disciplines, with special emphasis on the treatment of risk and uncertainty.

Applications to business.

The formulation of problems is mathematical, but the course emphasises conceptual aspects rather than proofs of theorems or computational methods.

Syllabus: A selection will be made from the following topics: Mathematical programming, including shadow prices and their use in schemes of decentralisation. Concepts of probability, including discussion of objective and subjective interpretations. Expected utility. Decision rules for problems involving risk, with selected applications e.g. to insurance or investment problems. Random processes, information structures, trees and sequential decisions. Concepts of uncertainty analysis, including Bayes and minimax solutions of games against nature and zero-sum two person games. Organisations considered as games and as teams. Survey of informal organisation theory.

Pre-Requisites:

- (i) Elementary microeconomics – theory of the firm, indifference curves, competitive pricing, welfare.
- (ii) Mathematics – elementary set theory and calculus.
- (iii) Elementary probability – discrete probability, normal distribution.

In the case of B.Sc. (Econ.) students, experience shows that those with A-level mathematics and **Elementary Statistical Theory** at Part I have an advantage, but the course can be taken successfully by students who do not have these qualifications.

For B.Sc. (Econ.) students, prerequisites in economics do not normally present a problem. For others A-level or Part I Economics (or equivalent) is essential, and it is helpful if **Economic Principles** or an equivalent course is also taken (concurrently in the case of second-year students).

Teaching Arrangements: 22 one-and-a-half-hour lectures (Ec134) and 18 one-hour classes (Ec134a) in the Michaelmas, Lent and Summer Terms given by **Lucien Foldes**.

Students are expected to write at least two essays during the year and may be asked to report on literature in class.

Reading List: General References: W. Baumol, *Economic Theory and Operations Analysis* (4th edn.), chapters 1–8, 12, 15, 17–19 or corresponding chapters in earlier editions; H. Raiffa, *Decision Analysis – Introductory Lectures on Choices under Uncertainty*; G. Menges, *Economic Decision Making – Basic Concepts and Models*; R. D. Luce & H. Raiffa, *Games and Decisions*, chapters 1–7, 13 and 14.

There is no single text recommended for the whole course. The book by Menges, although close in outlook to the lectures, suffers from inadequacies of translation and inconsistencies in the level of exposition and is currently out of print. The book by Raiffa is excellent (though sometimes long-winded) on problems of risk, but does not cover the whole course. Baumol should be read as a general introduction and survey, but taken alone does not go deeply enough into some of the main topics. Luce and Raiffa is excellent and concise but often rather advanced. A more detailed reading list for topics appears below.

Probability Background: K. L. Chung, *Elementary Probability Theory with Stochastic Processes* (omit exercises, hard examples and starred sections, for a survey of concepts); J. G. Kemeny, A. Schleifer, J. L. Snell & G. L. Thompson, *Finite Mathematics with Business Applications* (2nd edn.), chapter 3.

Detailed Course Outline and Further Reference Lecture Outline:

I Survey of decision theory and classification of models. Preliminary discussion of certainty problems (see VI below for a list).

II Risk – one person, one period problems without information gathering. Formulation and examples. Introduction to alternative concepts of probability. Assignment of subjective probabilities. Expected utility: theory and critique. Applications – business planning, evaluation of a single risky project, insurance and risk sharing, portfolio selection.

III Uncertainty – framework as under II. Risk versus uncertainty. Randomised decisions. Rules for uncertainty. Admissible and Bayesian decisions. Maximin and zero-sum two person game.

IV Risk and uncertainty with sequences of action and information gathering. Survey of concepts from mathematical probability. Decision trees and analysis in extensive form. Bayesian learning and the value of information. Reduction to normal form. Examples of statistical decision procedures.

V Survey of methodological controversies in probability, statistics and decision theory. Concepts of probability: mathematical, objective and subjective. Bayesian versus 'classical' methods of inference and decision. Risk versus uncertainty again. Practical implications.

VI Survey of optimisation in the case of certainty. Linear and concave programming. Optimal investment with a perfect capital market. Decentralisation through pricing systems, including transfer pricing in the firm. Duality and saddle points in programming, decision theory and games. General remarks on the treatment of time, risk and uncertainty.

VII Multi-person problems – a selection.

Teams. Panel of experts. Some problems in game theory – optimality versus equilibrium (dilemma game), coalitions. Aims of the firm. Approaches to conflict resolution in organisations, including models with bounded rationality. Agency theory.

Class Outline: This outline is flexible, particularly as regards order of topics.

*Indicates items which are more advanced mathematically.

1. Introduction to concepts of decision making. Structure of the course; the relationship between lectures and classes; reading, written work.

Reading: W. Baumol, *Economic Theory and Operations Analysis*, chapter 1; see also heading 15 below.

2. Certainty models 1 – Linear programming: the primal and dual solutions; shadow pricing; economic interpretations of linear and concave programmes; application to decentralisation.

Reading: W. Baumol, chapters 5–8; R. Dorfman, P. A. Samuelson and R. Solow, *Linear Programming and Economic Analysis*, chapters 1–3, 6–8; *G. Menges,

Economic Decision Making – Basic Concepts and Models, chapter 4; *R. D. Luce & H. Raiffa, *Games and Decisions*, Appendix 5 (best read after later lectures); M. Alexis and C. Z. Wilson (Eds.), *Organizational Decision Making*, chapter 4; J. R. Gould, 'Internal Pricing in Firms when there are costs of using an outside market', *Journal of Business*, 1964, 3. Certainty models 2 – Decision making over time; discounting, net present value and maximisation of utility; perfect and imperfect capital markets.

Reading: J. Hirshleifer, 'On the Theory of Optimal Investment Decision' (*Journal of Political Economy*, 1958); also in Carsberg and Edey; J. R. Gould, 'On Investment Criteria for Mutually Exclusive Projects' (*Economica*, February 1972); L. P. Foldes, 'Imperfect Capital Markets and the Theory of Investment' (*Review of Economic Studies*, 1961).

4. Decision making under risk: one approach, the maximisation of expected value; an example.

Reading: H. Raiffa, *Decision Analysis – Introductory Lectures on Choices under Uncertainty*, chapter 2; W. Baumol, chapter 25; J. Van Dantzig, 'Economic Decisions for Flood Prevention' (*Econometrica*, 1956); also summary and discussion by Gibrat and Allais, *Econometrica*, 1954.

5. Decision making under quasi-risk: an application to investment decisions.

Reading: D. B. Hertz, 'Risk Analysis in Capital Investment' (*Harvard Business Review*, 1964).

6. Decision trees as an approach to decision making: application of Bayes' theorem and value of information.

Reading: H. Raiffa, chapters 1–2; J. F. McGee, 'Decision trees for decision making' and 'How to Use Decision Trees in Capital Investment' (*Harvard Business Review*, 1964); also in M. K. Starr (Ed.), *Management of Production*, Penguin; R. D. Luce and H. Raiffa, chapter 3; R. F. Hespos & P. A. Strassmann, 'Stochastic Decision Trees for the Analysis of Investment Decisions' (*Management Science* XI, 1965, B244–259).

7. Formulation of expected utility: the axioms on von Neumann-Morgenstern utility theory; experimental evidence.

Reading: H. Raiffa, chapters 4–5; R. D. Luce & H. Raiffa, chapter 2; *G. Menges, chapter 2; M. Allais & O. Hagen (Eds.), *Expected Utility and the Allais Paradox*, especially the sections 'The Arbitrage between Mathematical Expectation and the Probability of Ruin, and the St. Petersburg Paradox' and 'Appendix C: Selected Findings of the 1952 Experiment'. These are available separately as photocopies. The text of the 1952 questionnaire and a summary of Allais' theory appear in 'La Psychologie de l'Homme Rationnel devant le Risque – la Théorie et l'Expérience' (*Journal de la Société de Statistique de Paris*, 1953); D. Kahneman & A. Tversky, 'Prospect Theory: An Analysis of Decision under Risk' (*Econometrica*, 1979).

8. Expected utility applied to individual decisions: risk aversion and risk loving.

Reading: M. Friedman and L. J. Savage, 'The Utility Analysis of Choices Involving Risk' (*Journal of Political Economy*, 1948); Markowitz, 'The Utility of

Wealth' (*Journal of Political Economy*, 1952); T. E. Copeland & J. F. Weston, *Financial Theory and Corporate Policy*, chapter 4.

9. Risk pooling and maximisation of expected value by risk averse individuals.

Reading: P. Dasgupta and G. Heal, *Economics and Exhaustible Resources*, chapter 13; H. Raiffa, chapter 8 part I.

10. Mean-variance analysis and its application to portfolio and project selection.

Reading: T. E. Copeland & J. F. Weston, *Financial Theory and Corporate Policy*, chapters 6–7.

11. The concepts of objective and subjective probabilities and their importance for decision approaches. Assignment of subjective probabilities. Conclusions versus decisions.

Reading: H. Raiffa; *G. Menges, chapter 1; H. E. Kyburg and H. E. Smokler, *Studies in Subjective Probability*, Introduction; K. R. Popper, 'The Propensity Interpretation of Probability' (*British Journal for the Philosophy of Science*, 10); B. V. Gnedenko, *The Theory of Probability*, Introduction and chapter 1; D. A. Gilles, *An Objective Theory of Probability*; D. J. Struik, 'On the Foundations of the Theory of Probabilities' (*Philosophy of Science*, I, 1937).

12. Decision making under uncertainty: decision criteria in games against nature. Relation to statistical decision theory.

Reading: R. D. Luce & H. Raiffa, chapter 13; W. Baumol, chapter 19; H. Raiffa; *G. Menges, chapter 6; J. W. Tukey, 'Conclusions vs. Decisions' (*Technometrics*, I); J. Wolfowitz, 'Bayesian Inference and the Axioms of Consistent Decision' (*Econometrica*, 1962); H. Chernoff and L. E. Moses, *Elementary Decision Theory*, (Wiley 1959).

13. Games against opponents: two person zero-sums games, prisoner's dilemma.

Reading: R. D. Luce & H. Raiffa, chapters 1–5; A. K. Sen, 'Behaviour and the Concept of Preference' (*Economica*, 1973); A. Rapaport, *Games, Fights and Debates*, Part II; G. Menges, chapter 6; M. Alexis & C. Z. Wilson, chapter 4.

14. Decisions by groups with diverse information; examples: "panels of experts" agency, theory, teams.

Reading: H. Raiffa, chapter 8 part 2; J. Marschak, 'Elements for a Theory of Teams' and 'Efficient and Viable Organisational Forms', chapters 21–22 of his collected papers. The material of the latter paper also appears in J. Marschak & R. Radner, *Economic Theory of Teams*, an advanced book which contains a lot of additional material on decisions and teams.

15. Rational vs. Behavioural Theory.

Reading: H. A. Simon, 'Theories of Decision-making in Economics' (*American Economic Review*, 1959); 'A Behavioral Model of Rational Choice' (*Quarterly Journal of Economics*, 1955); W. Edwards and A. Tversky (Eds.), *Decision Making*, Section 1, Penguin; W. Baumol, chapter 1; M. Alexis and C. Z. Wilson (Eds.), *Organizational Decision Making*, chapter 3.

Examination Arrangements: One three-hour essay style paper. Four questions to be answered, usually out of ten or more. These arrangements are subject to change at the discretion of the examiners.

Ec1454

Economic Institutions Compared

Teacher Responsible: Dr. S. Estrin, Room S375, Dr. C. Scott, Room S380 and Professor P. Wiles

Course Intended Primarily for Second year B.Sc.; General Course.

Pre-Requisite: to be at least an Economics minor at home.

Scope: Economic behaviour in different countries is largely shaped by the diverse economic systems which have emerged in response to social and historical pressures. The most important types of system are of course planning and markets, but worker's self-management as attempted in Yugoslavia, isolated producer cooperatives and Israeli Kibbutzim may represent a third way, while many less developed economies have evolved exciting new institutional forms. This course compares the characteristics and behaviour of both individuals and institutions, such as firms, banks and trade unions, in these different economic systems.

Syllabus: Introductory: Concepts and types of property; inheritance. Profit, and other types of enterprise and individual motivation.

Types of enterprise and maximand, especially; the enterprise in the command economy; planning, (the passage on planning is brief, since it is the subject of another course), wholesale and retail prices in the command economy. The large capitalist corporation. Trade unions. The detribalized peasant. Producers' cooperatives, especially Yugoslav; moshavim. Collective farms in the USSR and Mexico. Communes, especially kibbutzim; these lectures include altruistic motivation.

Planning and banking: banks and inflation, investment finance.

Efficiency comparisons: methods, results.

The distribution of wealth, the managerial revolution and convergence, institutions and growth, other Communist systems than the USSR and Yugoslavia.

Teaching Arrangements: There are two lectures weekly (Ec147) in the Michaelmas and Lent Terms. The lectures are accompanied by a set of fifteen classes (Ec147a) which cover supplementary and additional material. The classes are based around student presentations on particular topics.

Written Work: In addition to writing up essays from their presentations, students will be expected to do several essays during the year.

Reading List: M. Bornstein, *Comparative Economic Systems, Models and Cases*; R. L. Carson, *Comparative Economic Systems*; A. Nove, *The Soviet Economic System*; B. Ward, *The Socialist Economy*; F. Stephen, *The Economic Analysis of Producer Cooperatives*. A longer list of readings is circulated.

Examination Arrangements: The normal three-hour, four questions out of twelve, exam.

Note: It is fair to expect that subjects lectured on will have questions in the examination. There will always be at least two questions on: the Soviet state sector; the Yugoslav socialist sector; collective farms and communes; peasants; convergence and the managerial revolution. Of these five subjects students are advised to read up only four. The particular questions may be

about enterprise behaviour, labour behaviour, income distribution, resource allocation, inflation, etc. There will also be miscellaneous other questions.

Ec1500**Problems of Applied Economics**

Teacher Responsible: Dr. F. van der Ploeg, Room S584
Course Intended Primarily for B.Sc. (Econ.) Part II, special subjects Economics, Analytical and Descriptive; Monetary Economics; Industry and Trade; International Trade and Development; Economic Institutions and Planning; and Diploma in Economics.

Scope: The aim of the course is to demonstrate the application of economic principles to a selection of current issues.

Syllabus: The course is a synthesis of both theoretical and empirical analysis and is in two parts.

1. Macroeconomics (12 lectures)

I. Causes of unemployment: (a) trade unions, benefits and unemployment, (b) involuntary unemployment.

II. Monetary disinflation in an open economy: (a) price-expectations augmented Phillips-curve, (b) critical discussion of the New Classical Macroeconomics, (c) real exchange rate overshooting in a small open economy, (d) the Thatcher experiment and the U.K. economy.

III. Political economy: (a) Marxian crisis theory, (b) government ideology and re-election efforts in the political business cycle; (of the effects of economic conditions and social class upon voting behaviour).

IV. Coordination of national policies in OECD economics (a) two-country Mundell-Flemming analysis, (b) 'locomotive' and 'beggar-thy-neighbour policies' (c) coordination and competitive policies; (d) Empirical implications for OECD economies.

2. Microeconomics (10 lectures)

I. Poverty: (a) problems of defining and measuring poverty, (b) the usefulness of concepts of relative as against absolute deprivation.

II. Famines: (a) the theory of exchange entitlements as a theory of famines and (b) as a theory of poverty and income distribution.

III. Other topics to be decided.

Pre-Requisites: A knowledge of economic principles of second-year standard and a knowledge of economic statistics and techniques.

Teaching Arrangements: There are two parts to the lecture course (Ec112): Ten lectures in the Michaelmas Term and twelve lectures in the Lent/Summer Terms. There are weekly classes throughout the year (Ec112a).

Reading List: There is no textbook covering the entire course and the reading consists mainly of articles and sections of books assigned for each topic. Essential preliminary reading for macroeconomics are R. Dornbusch and S. Fischer, *Macroeconomics*, chapters 1-19 and R. Jackman, C. Mulvey and J. Trevithick, *The Economics of Inflation*, chapters 3, 4, 5 and 9. During the course, D. Demery et al., *Macroeconomics*, the articles in C. Greenhalgh, R. Layard and A. Oswald, *Causes of Unemployment* and S. M. Sheffrin, *Rational Expectations*, chapters 1, 2 and 6 provide useful material. The paper by Oduiz and Sachs in *The Brookings Papers on Economic Activity* (1984) on

Coordination is also useful. More detailed literature will be provided in a separate reading list. For microeconomics the provisional reading list includes A. B. Atkinson, *The Economics of Inequality* and A. K. Sen, *Poverty and Famines*, although additional reading will be provided during the course.

Examination Arrangements: There is a three-hour examination covering the entire course. Students are expected to answer four questions.

Ec1506**Advanced Economic Analysis**

Teacher Responsible: To be announced.

Course Intended Primarily for B.Sc. (Econ.) 3rd year.

Scope: A series of lectures introducing recent developments in economic theory which have fundamentally changed our understanding of macroeconomic fluctuations and related issues.

Syllabus:

I. The Neoclassical Synthesis, and The Reappraisal of Keynes. Price versus Quantity Adjustment. Comparative Policy Effectiveness.

II. Labour Market Adjustment: unions, contracts, contracts with limited information, ability screening, work incentives, search, bargaining, and other topics.

III. Rational expectations in macroeconomics.

IV. Further topics in rational expectations theory.

V. An Introduction to Capital Theory.

Pre-Requisites: Economic Principles, Basic Mathematics for Economists, Introductions to Econometrics and Economic Statistics.

Teaching Arrangements: There is a single lecture course, Ec131. There will be two lectures a week in the Michaelmas Term; the first fifteen are by Dr. J. Moore and cover topics I and II. The remaining five, by Dr. C. Dougherty, deal with topic V. There will be one lecture a week in the Lent Term on topics III and IV. There will be one class (Ec131a) each week throughout the first two terms.

Reading: There is no suitable textbook. Instead, the course is built round a small number of readings, mostly articles. These will be made available in lectures. Useful discussion, and lists of reference can be found in ch. 7 of P. J. N. Sinclair, *The Foundations of Macroeconomic and Monetary Theory* (1984); Chs. 2 and 3 of S. M. Sheffrin *Rational Expectations* (1983); Chs. 1-3, 7 and 8 of C. R. S. Dougherty *Interest and Profit*.

Examination Arrangements: There is a single three-hour examination in the Summer Term. The paper is undivided and students are required to answer four questions from about twelve.

Ec1507**Public Finance**

Teacher Responsible: Professor A. B. Atkinson, Room R407

Course Intended Primarily for B.Sc. (Econ.) 3rd year.

Scope: A course on theoretical and applied public finance.

Syllabus: The role of the state and implications of different approaches. Public choice. Impact of U.K. government budget. Effect of taxes on labour supply. The tax treatment of husband and wife. Income versus

expenditure taxation. Corporation tax reform. Social security. Current topics in public finance. The main institutional references will be to the U.K. but some attention will also be given to other countries, especially the U.S.A.

Pre-Requisites: Knowledge up to second year economic principles level.

Teaching Arrangements:
Lectures: Ec137 **The Economics of Public Finance (Professor Atkinson)** 20 lectures Michaelmas and Lent Terms.

Ec138 **Current Issues in Public Finance (Dr. N. Barr)**, 5 lectures, Michaelmas Term.

Classes: Ec137(a) 20 classes, Michaelmas/Lent Terms involving written work.

Reading List: J. A. Kay & M. A. King, *The British Tax System* (3rd edn.); A. R. Prest & N. A. Barr, *Public Finance in Theory and Practice* (7th edn.); R. A. Musgrave & P. B. Musgrave, *Public Finance in Theory and Practice* (4th edn.); A. B. Atkinson & J. E. Stiglitz, *Lectures on Public Economics*.

Examination Arrangements: One 3 hour paper.

Ec1513**Principles of Monetary Economics**

Teacher Responsible: R. A. Jackman, Room S376

Course Intended Primarily for B.Sc. (Econ.) 3rd year, special subject Monetary Economics; also available to other 3rd year B.Sc. (Econ.) students and for the Diploma in Economics.

Scope: The course provides an introduction to monetary theory, to the effects of monetary variables on the macroeconomic system and to the theory of balance of payments adjustment.

Syllabus: Monetary Theory: the nature and function of money. The banking system and financial intermediation. Classical monetary theory and the Keynesian revolution. Modern theories of the demand for money. The control of the money supply, the transmission mechanism of monetary policy and the impact of money on economic activity. The monetarist counter-revolution: neutrality, inflation and rational expectations. The theory of monetary policy. International Monetary Theory: the concept of the balance of payments. The monetary approach, and the balance of payments adjustment under fixed and flexible exchange rates. International capital mobility and stabilisation policy.

Pre-Requisites: Students are expected to be familiar with intermediate economic theory. (For example, in macroeconomics, they should be familiar with a text at the level of R. Dornbusch & S. Fischer, *Macroeconomics*.) A knowledge of elementary mathematical and statistical techniques used in economics is also required.

Teaching Arrangements: Ec139, 30 lectures Michaelmas and Lent Terms.

Additionally there are 18 classes (Ec139a), starting in the fourth week of the Michaelmas Term, continuing up to the beginning of the Summer Term.

Written Work: Students should expect to write three essays during the course, to be handed in to, and marked by, their class teacher. Setting essay topics is

the responsibility of class teachers, although a list of suggested topics will be distributed in the lectures. Exercises may also be set. Students may write additional essays for their tutors.

Reading List: The most useful textbook is D. G. Pierce & P. J. Tysone, *Monetary Economics: Theories, Evidence and Policy*. Other recommended books include D. Laidler, *The Demand for Money* (3rd edn.); M. J. Artis & M. K. Lewis, *Monetary Control in the United Kingdom* and S. Sheffain, *Rational Expectations*.

The following may also be helpful, particularly for General Course students: D. Wrightsman, *An Introduction to Monetary Theory and Policy* (2nd edn.).

Examination Arrangements: There will be one three-hour written paper. In the past the paper has contained fourteen questions of which four are to be attempted.

Ec1514**Monetary Systems**

Teacher Responsible: Mr. R. F. G. Alford, Room S378
Course Intended Primarily for B.Sc. (Econ.) Part II and Dip. Econ.

Scope: Most of the course is concerned with the British monetary system: the development and current role of the main groups of banks and money markets; bank behaviour, banking problems and bank supervision; British monetary policy, its problems and development over recent years and its future prospects. Attention will also be given to international banking and capital markets.

Pre-Requisites: This is a third year course for students taking the B.Sc. (Econ.) and they will have taken the second year economics course *Economic Principles or Principles of Economics Treated Mathematically*. Other students should have taken two years of economics at university level.

Teaching Arrangements:

Lectures: Ec141 **The British Monetary System**, (20 lectures, Mr. Alford, Michaelmas Term)

Classes Ec141(a) (15 classes, Mr. Alford, Michaelmas and Lent Terms.)

Ec142 **Monetary Systems Seminar** 10 seminars of 1½ hours duration, Michaelmas and Lent Terms.

Written Work: Written work will consist of class papers which will be set by the class teacher.

Reading List: suitable preliminary reading would be: K. Wilson, *British Financial Institutions*; A. R. Prest & D. J. Coppock (Eds.), *The UK Economy*, latest edn., chapter 2 excl. Section 4.

A more detailed reading list will be given out during the course.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper normally contains about 14 questions, and candidates have to answer four questions.

Ec1520**International Economics**

Teacher Responsible: Dr. E. A. Kuska, Room S186
Course Intended Primarily for B.Sc. (Econ.) Part II: Dip. Econ.

Scope: The aim of this course is to introduce the

student to international trade theory and international monetary economics.

Syllabus:

International Trade Theory: This part of the course strives to explain the pattern of trade observed in the world and to account for the prices at which goods are traded. Positive and normative aspects of international markets are examined. Use is made of the theory of comparative advantage and of rival theories of international trade. Relations between trade and domestic markets for both goods and factors are examined in terms of the theory of trade according to factor endowments.

The course studies the effect of tariffs on international trade, and also other means of influencing the international flow of goods. Among the other means are quotas, subsidies and agreements between governments. Concepts such as the optimum tariff and the effective rate of protection are examined. Economic integration between countries is studied, particularly the effects of customs unions.

Commodity schemes are examined from the point of view of stabilization of price and output, and as means of generating revenue. The role of direct foreign investment in international transactions is examined. Particular attention is paid to the effects of multinational firms on host countries.

A variety of other topics are discussed including the economics of illegal transactions in international trade, especially smuggling. And attention is given to such puzzles as intra-industry trade where countries appear to be exporting and importing the same product.

International Monetary Economics: Balance-of-Payments Definitions: Discusses the components as well as overall measures of the balance-of-payments. Adjustment Theory: The question of the existence of an automatic mechanism in the international economy which brings about balance-of-payments equilibrium for each of the constituent economies is treated under this heading. Obstacles to the smooth functioning of such a mechanism are also considered.

Devaluation: The conditions under which a devaluation will improve the balance-of-payments and the effect of such a policy on the various macroeconomic variables are discussed.

Flexible Exchange Rates: The determination of exchange rates, the theoretical arguments for and against flexible exchange rates in comparison with fixed rates, and the practical success of flexible exchange rates over the period of floating are the issues dealt with under this topic.

Stabilization Policy: Here the efficacy of fiscal and monetary policies in determining levels of income and employment under both fixed and flexible exchange rates is discussed.

The International Monetary System: This section covers the history and development of the international monetary system since the Second World War.

Pre-Requisites: Students are assumed to have taken the equivalent of the undergraduate course **Economic Principles**. The lectures involve little mathematics, although use is made of geometry.

Teaching Arrangements: Lectures: Ec145

International Economics. One hour a week during the

Michaelmas and Lent Terms for a total of twenty hours.

Classes: Ec145a, one hour a week, beginning approximately in the second week of the Michaelmas Term and continuing until just after the beginning of the Summer Term for a total of twenty hours. Ec145b, six hours of revision classes given during the Summer Term by the lecturers.

Reading List: There are a number of text books which are suitable. A selection is: B. Sodersten, *International Economics*, Macmillan, 1980; R. E. Caves & R. W. Jones, *World Trade and Payments* (3rd edn.), Little Brown, 1981; C. P. Kindleberger & C. M. Lindhert, *International Economics* (7th edn.), Irwin, 1982; R. H. Heller, *International Trade: Theory and Empirical Evidence* (2nd edn.), Prentice-Hall, 1983; H. G. Johnson, *International Trade and Economic Growth*, Harvard, 1961; W. M. Corden, *The Theory of Protection*, Oxford, 1971; H. G. Grubel, *International Economics*, Irwin, 1977; B. Hindley, *Theory of International Trade*, Weidenfeld & Nicolson, 1974; A.E.A., edited by R. E. Caves & H. G. Johnson, *Readings in International Economics*, Allen & Unwin, 1968. Other readings will be given during the course.

Ec1521

Economic Development

Teacher Responsible: Professor H. Myint and Professor N. Stern

Course Intended Primarily for B.Sc. (Econ.), Diploma in Economics.

Scope: The aim of the course is to give a general analytical introduction to the economics of the underdeveloped countries and their problems of economic development.

Syllabus:

(1) Concepts and theories concerning the nature of underdevelopment and development; statistical background relating to the broad patterns of economic growth and changes in economic structure; savings and capital output ratios; aggregate production functions; and income distribution.

(2) Problems of domestic economic organisation; characteristics of factor and product markets; economic dualism; problems of production; marketing and technological change in the agricultural sector.

(3) External aspects of economic development: the relationship between international trade theory and the practical external economic problems of the less developed countries; protection and domestic industrialisation; export problems of primary products and manufactures; problems of foreign investment; international aid and the reform of the international economic order.

Pre-Requisites: A 3rd year Course. Students must have completed the course on **Economic Principles** or possess equivalent knowledge of modern economic analysis.

Teaching Arrangements: Ec146. 25 lectures Michaelmas, Lent and Summer Terms, 20 classes (Ec146a) Michaelmas and 5 revision classes (Ec146b) Summer Term.

Reading List: No one book covers the entire syllabus. Students may use a brief introduction by H. Myint, *The Economics of Developing Countries*, Hutchinson, 1980, in conjunction with either of the following larger books: I. M. D. Little, *Economic Development Theory, Policy and International Relations*, A Twentieth Century Book, 1982; G. M. Meier, *Leading Issues in Economic Development*, Oxford University Press, 1976; M. P. Todaro, *Economic Development in the Third World* (2nd edn.), Longmans, 1982.

They should also consult the annual *World Development Reports* of the World Bank.

In addition, a longer reading list will be provided with essay topics for the classes.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term, based on the full syllabus of the lectures and tutorial classes. Students will normally be required to answer four questions out of a wide range of topics.

Ec1527

National Planning

Teacher Responsible: Dr. S. Gomulka, Room S576
Course Intended Primarily for Final Year B.Sc. (Econ.) and Diploma in Economics.

Scope: The course covers the institutions, theory, techniques and actual practice of central planning, indicative planning, and development planning.

Syllabus: In any one year, the course will cover a selection from: The history of ideas and practice of macroeconomic planning. The aims, institutions and instruments of command-type and indicative planning. Mathematical methods of plan preparation at the enterprise and national levels. The role of bargaining. Implementation problems. Planning under market socialism: the theory and experiments. Derivation and use of shadow prices in development planning and project appraisal. Reference will be made to the planning experience of the USSR, Hungary, Yugoslavia, China, France and India.

Pre-Requisites: The course is self-contained. Students find it helpful however to have the equivalent of an A level in Mathematics or have completed an introductory course in that subject at university.

Teaching Arrangements: There is one lecture weekly in the Michaelmas Term given by Dr. S. Estrin and two lectures weekly in the Lent Term given by Dr. S. Gomulka. The 10 lectures by Dr. Estrin are concerned mainly with indicative planning of the French and Yugoslav type while the 20 lectures by Dr. Gomulka cover mainly central and departmental planning. Accompanying the lectures is a set of classes (Ec148a) which are intended for further discussion of the issues raised in the lectures and to delve in greater depth into the planning experiences of particular countries.

Written Work: There will be common weekly or bi-weekly problem sets or essay-type questions. These will be marked and discussed by the class teacher.

Reading List: G. M. Hoal, *Theory of Economic Planning*; M. Cave & P. Hare, *Alternative Approaches to Economic Planning*; S. Estrin & P. M. Holmes,

French Planning in Theory and Practice; A. Nove & D. M. Nuti (Eds.), *Socialist Economics*; P. Wiles, *The Political Economy of Communism*; M. Ellman, *Soviet Planning Today*; C. Blitzer et al., *Economy Wide Models and Development Planning*; S. Gomulka, *Growth, Innovation and Reform in Eastern Europe*; I. Little & J. Mirrlees, *Project Appraisal and Planning for Developing Economies*.

Examination Arrangements: This course is examined by a three hour formal examination paper in the Summer Term. Students are expected to answer four questions.

Ec1540

History of Economic Thought

Teacher Responsible: To be announced.

Course Intended Primarily for B.Sc. (Economics) and Diploma in Economics.

Scope: The aim of the course is to examine the theoretical development in some of the major problems confronting economists over the past two hundred years or so.

Syllabus: How the problem of 'value' has been approached and 'resolved' over the past two hundred years or so; theories of wages, profits and rent and their interaction with the problem of value; international values - from absolute advantage to reciprocal demand; the development of monetary and interest rate theories and how monetary factors interact with the real economy.

Pre-Requisites: This is a third year subject and the student must have completed the course on **Economic Principles**, or have equivalent knowledge of modern economic analysis.

Teaching Arrangements: Ec130. 20 lectures Michaelmas and Lent Terms and 20 classes (Ec130a) Michaelmas and Lent Terms and 5 revision classes Summer Term.

The lectures will give a broad survey of the History of Economic Thought from the eighteenth to the late nineteenth century. The classes will concentrate on a reading of the texts of major classical writers, particularly Hume, Adam Smith, Ricardo, Mill and some of the neo-classical economists.

Reading List: Apart from the selected original texts, the following general histories may be consulted: D. P. O'Brien, *The Classical Economists*, Oxford University Press; P. Deane, *The Evolution of Economic Ideas*, Cambridge University Press; J. Viner, *Studies in the Theory of International Trade*; L. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; T. W. Hutchinson, *Review of Economic Doctrines*; J. J. Spengler & W. R. Allen (Eds.), *Essays in Economic Theory*; G. Stigler, *Production and Distribution Theories*.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the full syllabus covered by the lectures and classes. Students are required to answer four questions out of a wide range of choices covering the syllabus.

Ec1541**Selected Topics in the Economics of Industry and Trade**

Teacher Responsible: Dr. C. M. E. Whitehead Room S579

Course Intended Primarily for B.Sc. (Econ.) Part II, Industry and Trade group.

Scope and Syllabus: The topics selected differ from one year to another. Topics in recent years have included: cartel behaviour; franchising; futures trading; nationalised industries; privatisation; multi-national enterprises; transfer pricing; fisheries; monopoly, competition and product variety and quality; research and development; licensing of economic activities; industrial policy. New topics are introduced each year. **Pre-Requisites:** Students should have completed the **Economics of Industry** (or an equivalent course in the case of General Course students).

Teaching Arrangements: There is one lecture course and an accompanying set of classes. Lectures: Ec133, (24 lectures, Michaelmas, Lent and Summer Terms). Classes: Ec133a, (12 fortnightly, Michaelmas, Lent and Summer Terms).

Selected Topics in the Economics of Industry and Trade, 25 lectures, Sessional. C. Whitehead, B. S. Yamey, J. R. Gould, S. Estrin and others.

Students are expected to write four essays during the year, and contribute to the class discussion.

Reading List: There is no textbook suitable for the course. Detailed suggestions for reading will be given in the lectures at the beginning of each topic.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Candidates select four questions from at least eight. All questions carry equal marks.

Ec1542**Ec2428****Economics of Investment and Finance Theory of Optimal Decisions (See also Study Guide Ec1453)**

Teacher Responsible: Professor L. P. Foldes, Room S182

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. Course unit 2nd and 3rd year; M.Sc. final year. **Teaching Arrangements and Examinations:** A single course of lectures and classes, called Ec135 **Economics of Investment and Finance**, may be taken for two distinct examinations, namely **Economics of Investment and Finance** at the B.Sc. and **Theory of Optimal Decisions** at the M.Sc. The B.Sc. examination usually takes place some weeks earlier, so that B.Sc. students usually leave the course early in the Summer Term whereas M.Sc. students follow the course to the end. Otherwise the syllabus is the same. In each case the examination is a single three-hour paper, though in the past the B.Sc. paper has called for answers to four questions whereas the M.Sc. paper has called for three, with plenty of choice in each case. Answers are usually required in the form of essays but these may involve mathematics. Details vary from year to year and are subject to change at the discretion of the examiners.

Lectures and Classes: Lucien Foldes, Sessional; three hours each week (Ec135) including a class (Ec135a). **Scope:** An introduction to problems of risk in investment. The emphasis of the course is on probabilistic methods in both theory and applications.

Syllabus: 1. *General Syllabus:* A selection from the following topics: Formulation of problems of intertemporal choice and concepts of income, capital and interest. Optimal policies for accumulation, depletion and replacement of assets. Appraisal and control of projects. Treatment of risk in the theory of value and capital. Spot and forward markets, sure and contingent contracts. Selection of risk assets, including risk pooling, diversification and insurance. Portfolio selection and pricing in the case of quoted securities. Speculative prices as random processes. The cost of corporate capital, including the effects of dividend policy, gearing, taxation and inflation. Comparison between private and public investment appraisal. 2. *Possible Topics for 1986-87:* Optimal policies for accumulation and depletion in conditions of certainty and risk. Portfolio selection and pricing of quoted securities: single-period and multi-period models. Concepts of equilibrium and efficiency for security markets. Speculative prices as random processes. Option pricing. Term structure of interest rates. Treatment of risk in the theory of value and capital. Contingent contracts.

Appraisal of large capital projects in conditions of risk - choice of criteria and methods of calculation. Exploration for mineral deposits. Cost of capital. Sequences of projects and gambler's ruin. Risk pooling, insurance, diversification. Properties of special utility functions and probability distributions and random processes used in investment theory. Random walk, Brownian motion, conditional expectation, martingales.

Pre-Requisites: This course was designed to follow Ec134, **Theory of Business Decision**. In the case of B.Sc. (Econ) students specialising in Industry and Trade, attendance at lectures and classes in Ec134 in the second year is a formal pre-requisite although students are not required to have taken the examination. Other categories of students should have a background in such topics as expected utility, probability, information purchase and investment appraisal of about the standard of Ec134, and naturally the pre-requisites for that course apply to this one also (see Study Guide Ec1453). Sometimes students who have not previously covered the material of Ec134 manage by attending parts of the lecture course for Ec134 while studying Ec135, but this involves additional work for a course which is in any case demanding. The lectures for Ec135 have substantial mathematical content, and although all special techniques are explained as part of the course a reasonable degree of familiarity with elementary calculus, set theory and probability is necessary.

Written and Class Work: Students may be asked to report on literature in class. They are encouraged to write a number of short essays in preparation for the examinations. In the case of M.Sc. students choosing **Theory of Optimal Decisions** as their special subject, the course teacher will normally also act as Tutor.

Reading List: The course does not follow any single text, but it is useful to read relevant chapters of a standard work to complement the lectures. The first item on the list below is suitable for several of the topics. The second item is a more elementary text which is useful as an introduction to the subject. The third item gives background material on probability. The other items are works to which reference may be made during the course or which are suitable as further reading for students wishing to pursue particular topics in depth. Further journal articles will be selected for discussion as the course proceeds.

T. E. Copeland & J. F. Weston, *Financial Theory and Corporate Policy*, Addison-Wesley; M. Bromwich, *The Economics of Capital Budgeting*, Penguin; K. L. Chung, *Elementary Probability with Stochastic Processes*, Springer; J. Hirshleifer, *Investment Interest and Capital*, or articles in *JPE*, 1959 and *QJE*, November 1965 and May 1966; K. J. Arrow & R. C. Lind, 'Uncertainty and the Evaluation of Public Investment Decisions' (*AER*, June 1970; also Foldes & Rees, 'Note', *AER*, March 1977); M. Allais, 'Method of Appraising Economic Prospects of Mining Exploration over Large Territories - Algerian Sahara Case Study' (*Management Science*, July 1957); (French original in *Revue d'Industrie Minière*, Special Issue *IR*, January 1956. The original and a corrected version of the published translation are in the library. L. P. Foldes, 'Martingale Conditions for Optimal Saving - Discrete Time' (*Journal of Mathematical Economics*, 1978); A. G. Malliaris & W. A. Brock, *Stochastic Methods in Economics and Finance*; W. F. Sharpe, *Investment*; J. Mossin, *Theory of Financial Markets*; P. Dasgupta & G. M. Heal, *Economic Theory and Exhaustible Resources*; P. Massé, *Optimal Investment Decisions*; L. E. Bussey, *The Economic Analysis of Industrial Projects*, especially chapters 11-12; J. J. Clark, T. J. Hindeland & R. E. Pritchard, *Capital Budgeting: Planning and Control of Capital Expenditure*; D. B. Hertz & H. Thomas, *Risk Analysis and its Applications* (Wiley, 1983); C. W. J. Granger, 'Empirical Studies of Capital Markets: A Survey' in Szegö-Shell, *Mathematical Methods in Investment and Finance*, 1972; C. W. J. Granger & O. Morgenstern, *Predictability of Stock Market Prices*, Heath-Lexington.

Ec1543**Economics of the Welfare State**

Teacher Responsible: Dr. N. A. Barr, Room S578

Course Intended Primarily for B.Sc. (Econ) Part II 2nd or 3rd year;
I Economics Analytical and Descriptive 5 & 6 (I)
II Mathematical Economics and Econometrics 7 (I)
III Monetary Economics 6 (j)
IV Industry and Trade 6 & 7 (o)
V International Trade Development 7 (t)
VI Economic Institutions and Planning 6

Scope: The course uses standard intermediate micro-economic theory to analyse the welfare state; what are its objectives; should it exist and if so in what form; how efficient and equitable are existing institutions; what possibilities exist for reform?

Syllabus: The course investigates economic aspects of the welfare state, interpreted broadly to include social insurance, retirement pensions, non-contributory benefits, health care, education and housing. The objectives of the welfare state are discussed, followed by analysis of instruments at the state's disposal for achieving those objectives. The focus of the course is on the underlying economic principles; institutions are not emphasised though, where appropriate, reference will be made to those of the U.K. and other countries, especially the United States.

Pre-Requisites: **Economic Principles** (Ec111) or an equivalent course in intermediate microeconomic theory.

Teaching Arrangements: There is one lecture course and an accompanying set of classes. Lectures: Ec144 **The Economics of the Welfare State**, 24 lectures (10 Michaelmas Term, 10 Lent Term, 4 Summer Term) Classes: Ec144(a) 23 Sessional.

Ec144 The lectures cover the whole of the syllabus described above. The first twelve lectures (Dr. N. A. Barr, S578) set out the theoretical approach and analyse the cash side of the welfare state; the last twelve (Dr. J. Le Grand, R405) analyse health care, education and housing. There is no single textbook; a course outline and reading list is distributed at the start of the course referring to the readings below.

Ec144(a) There are 23 classes, which are used to amplify the lectures, to deal with any questions arising from them and to discuss specific issues not covered in detail by the lectures.

Written Work: The class teachers will normally set and mark not fewer than four pieces of written work from each student during the course.

Reading List: There is no textbook; reference will be made, *inter alia*, to the following: A. J. Culyer, *The Political Economy of Social Policy*, Martin Robertson, 1980; A. R. Prest & N. A. Barr, *Public Finance in Theory and Practice*, Weidenfeld & Nicolson, 1985; L. D. McClements, *The Economics of Social Security*, Heinemann, 1978; J. G. Cullis & P. A. West, *The Economics of Health*, Martin Robertson, 1979; M. Blaug, *An Introduction to the Economics of Education*, Penguin, 1970; R. V. F. Robinson, *Housing Economics and Public Policy*, Macmillan, 1979.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus. Students are required to answer four questions out of about ten. The assessment for the course is based entirely on the examination result.

Ec1544**Economics and Geography of Transport (Not available 1986-87)****Ec1561****Principles of Econometrics**

Teacher Responsible: Dr. J. R. Magnus, Room S479

Course Intended Primarily for B.Sc. Economics
I Economics, Analytical & Descriptive 7(b)
II Mathematical Economics & Econometrics 2(a)
III Monetary Economic 7(b)

IV Industry & Trade 3(b)
 V International Trade & Development 6(b)
 VI Economic Institutions & Planning 7(b)
 XIX Economics & Economic History 2(b)
 XXVI Mathematics & Economics 4(d)
 Diploma in Statistics (g) (ii)
 Diploma in Economics 2, 3, 4(b) (iv)

Scope: The course is an intermediate-level introduction to the theory and practice of Econometrics.

Syllabus: Statistical background: continuous distributions, sampling theory, estimation, hypothesis testing, asymptotic theory. Sources of data, national accounts, price indices. The Linear Model: multiple regression, t- and F-tests, dummy variables, multicollinearity, general linear restrictions, dynamic models. Time series autoregressive models, seasonal adjustment generalised least squares, serial correlation, heteroscedasticity, distributed lags, simultaneous equation systems, instrumental variables and two-stage least squares.

Pre-Requisites: A knowledge of linear algebra and calculus (e.g. previous attendance at **Elementary Mathematical Methods**); a knowledge of basic statistical theory (**Elementary Statistical Theory** a requirement). Although the course does involve some computing, no previous experience is required.
Teaching Arrangements: One lecture course (Ec115) (20 Michaelmas Term, 20 Lent Term) plus 23 weekly classes (Ec115a).

Reading List: The most useful texts are: J. Johnston, *Econometric Methods*, McGraw-Hill; G. S. Maddala, *Econometrics*, Macmillan; J. Kmenta, *Elements of Econometrics*, Macmillan; M. Stewart & K. Wallis, *Introductory Econometrics*, Blackwell, although none is completely sufficient. Other useful references are: A. C. Harvey, *The Econometric Analysis of Time Series*; P. Rao & R. Miller, *Applied Econometrics*, Wadsworth; H. Theil, *Principles of Econometrics*, North-Holland.
Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper contains eleven questions, of which four are to be answered.

Ec1569

Quantitative Economics Project

(A project of up to 10,000 words on an approved subject in Quantitative Economics)

Teacher Responsible: Mr. J. J. Thomas Room S677
Course Intended Primarily for B.Sc. (Econ.) 3rd year students specialising mainly in Econometrics and Mathematical Economics but also in other Economic options.

Scope: This seminar (Ec124) is designed to encourage independent research work and to encourage the student to take an overall view of the different specialised areas in Economics.

Pre-Requisites: Students must have taken **Principles of Econometrics** in the 2nd year.

Teaching Arrangements: the course meets twice weekly in the Lent Term for one hour. Students are expected to be pursuing research on a subject of their

own choice under the supervision of a member of staff. In the seminar each student will present a preliminary outline of the results of the project for comments by fellow students and teachers.

A completed project will be required to be submitted by 1 May in the year in which the course is taken.

Examination Arrangements: There is no written examination in this paper. The project carries all the marks.

Ec1570

Mathematical Economics

Teacher Responsible: Dr. A. Horsley, Room S679

Course Intended Primarily for B.Sc. (Econ.) in the special subjects XXVI Mathematics and Economics (paper 5) and II Econometrics and Mathematical Economics (paper 7r), for B.Sc. course unit degrees and for students in the preliminary year of the M.Sc. in Econometrics and Mathematical Economics.

Scope: The aim of the course is to cover all the major areas of microeconomic principles at an advanced level.

Syllabus: Consumer and producer theory: preferences, production sets, duality and comparative statics. Equilibrium: description of general economic equilibrium, efficiency and stability of equilibrium. Programming: vector maximisation problems, Kuhn-Tucker and efficiency theorems, and applications to welfare economics. Economics of uncertainty: Von Neumann — Morganstern utility theory, markets for contingent claims and equilibrium; portfolio choice theory and capital market equilibrium; the incorporation of information and the concept of rational expectations into microeconomic models; efficient markets.

Pre-Requisites: Students should have a solid grounding in differential calculus and sufficient knowledge of linear algebra to deal with finite dimensional vector spaces. An acquaintance with the definitions and elementary results of the theory of convex sets would be helpful but is not essential.

Teaching Arrangements: The course is taught by lectures (Ec114) and classes (Ec114a). Students will have two hours of teaching per week. These meetings are devoted to classes or lectures as appropriate. Students will be given regular exercises which must be prepared in advance of the classes at which they are discussed. They may be asked to submit their answers in written form for marking and should be prepared to do so at each class.

Reading List: The basic text for the course is: A. Takayama, *Mathematical Economics*. This will be supplemented by lecture notes and by references to journal articles and other texts.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term, covering the entire syllabus. The assessment for this paper depends on the student's performance in the examination. The examination paper contains ten questions; candidates should attempt to answer at least four of these. These questions may require a combination of formal analysis and an essay-style answer.

Ec1575

Econometric Theory

Teacher Responsible: Professor A. C. Harvey, Room S203 (Secretary, Mary Cahill, S206)

Course Intended Primarily for B.Sc. (Economics, Mathematical Economics and Econometrics), M.Sc. (Economics), Preliminary year for M.Sc. (Econometrics and Mathematical Economics), Diploma in Econometrics.

Scope: An introduction to the statistical methods used for estimating and specifying econometric models.

Syllabus: The general linear model; principles of estimation and testing; maximum likelihood; model specification; dynamic models; simultaneous equation systems.

Pre-Requisites: A knowledge of linear algebra, calculus and statistical theory. Students should have taken the course **Probability, Distribution Theory, and Inference** (SM206 and SM207) or its equivalent; and/or **Principles of Econometrics** (Ec1561) or its equivalent.

Teaching Arrangements: There is a lecture course, accompanied by a class. SM232 40 lectures and classes (SM232a) in the Michaelmas and Lent Terms on the remaining topics.
Reading List: The main text is A. C. Harvey, *The Econometric Analysis of Time Series*, Philip Allan, 1981.

Students may also wish to consult: H. Theil, *Principles of Econometrics*; J. Johnston, *Econometric Methods*; G. S. Maddala, *Econometrics*; P. C. B. Phillips & M. R. Wickens, *Exercises in Econometrics*.

Examination Arrangements: There is a three hour examination in the Summer Term based on the full syllabus for both lecture courses. The paper contains ten questions, of which four are to be answered.

Ec1579

Topics in Quantitative Economics

Teacher Responsible: Professor M. J. Desai

Course Intended Primarily for B.Sc. (Econ.) 3rd year Mathematical Economics and Econometrics; Statistics, Analytical and Descriptive.

Pre-Requisites: **Principles of Econometrics**; **Economic Principles or Economic Analysis**.

Scope: The purpose of this course is to give students a comprehensive grounding in theoretical and econometric models currently in use in microeconomics and macroeconomics with a view to tackling economic problems.

Syllabus: This course comprises four sets of ten lectures (Ec117-120) each on: (i) **Microfoundations of Macroeconomics**; (ii) **Econometrics of Individual Behaviour (Mr. S. E. Pudney)**; (iii) **Cost Benefit Analysis (Dr. S. Glaister)**; (iv) **Econometric Topics in Macroeconomics (Mr. J. J. Thomas)**. Students are expected to take at least three out of these four topics. The examination is a written paper which is designed to test students' ability to answer questions arising from at least three out of four topics (usually four questions from any three sections).

There are twenty classes in the course giving five classes on each topic which will be taught during 1986-87 by the lecturers.

Teaching Arrangements: Michaelmas and Lent Terms, 40 lectures and 20 classes.

Microfoundation of Macroeconomics: These lectures deal with certain recent developments in business cycle theory. The particular focus is on general equilibrium models in which agents have less than full information. Rational expectations models and contract models are examined in some detail, then compared and contrasted.

Reading List: The course is centred on a number of key articles, the details of which will be given in lectures. Useful background material can be found in chapters 1, 2 and 3 of S. M. Sheffrin, *Rational Expectations* (1983).

Econometrics of Individual Behaviour: The need to combine sound economic theory with appropriate statistical techniques is central to the practice of econometrics. Topics will be taken from available examples in the published literature to illustrate this. Topics will include Demand Analysis and Labour Market Behaviour. These lectures are intended as an introduction to the econometric techniques (such as Logit, Probit and Tobit analysis) which are particularly useful in microeconomics.

Reading List: M. Desai, *Applied Econometrics*, Philip Allan, 1976. Additional reading list will be provided with the lecture course.

Cost Benefit Analysis: This course will outline the theoretical foundations of applied welfare economics and deal with case studies of actual application of CBA in areas such as valuation of time and life, choice of transport modes, project appraisal.

Reading List: R. Layard, *Cost Benefit Analysis*, Penguin.

Econometric Topics in Macroeconomics: This course will deal with the manner in which macroeconomic theory has thrown up themes for economic testing. Topics such as inflation, unemployment, monetarist models, rational expectations and the natural rate hypotheses will be treated.

Reading List: M. Desai, *Testing Monetarism*; R. Jackman, A. Trevithick & C. Mulvey, *The Economics of Inflation*.

Examination Arrangements: Three hour written paper which will cover all four sections of the course and students are expected to answer three out of four questions.

Ec2402

Macroeconomics I

Teacher Responsible: Dr. C. R. Bean, Room S480

Course Intended Primarily for final year M.Sc. Econ.

Scope: 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 technical 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.

Pre-Requisites: Undergraduate economics major or equivalent. A knowledge of differential calculus will also be assumed.

Syllabus: 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;

Stock-flow dynamics: implications of the introduction of the government budget constraint and asset accumulation for the efficacy of fiscal and monetary policy;

Disequilibrium Macroeconomics: fixed price models and the effects of rationing;

New Classical Macroeconomics: the equilibrium approach to business cycles stressing the role of imperfect information, the 'policy ineffectiveness' proposition, and empirical tests thereof;

Macroeconomics in the open economy: fiscal and monetary policy under fixed and flexible exchange rates and the implications of capital mobility including 'overshooting' models of exchange rate behaviour;

Consumption: the life-cycle permanent-income model, including empirical testing, and the effects of social security;

Investment: flexible accelerator, neo-classical and 'q' models;

Financial markets: inventory theoretic and portfolio approaches to the demand for money;

Labour Markets: models of the Phillips curve and implicit contract models.

Teaching Arrangements: The basic course consists of 40 hours of lectures (Ec214) in the Michaelmas and Lent Terms. There will be 24 weekly one hour classes (Ec214a) in small groups.

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 cover the material of the course. W. H. Branson, *Macroeconomic Theory and Policy* is useful for parts of the course, but the general level is rather more advanced. D. K. H. Begg, *The Rational Expectations Revolution 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 exam. A quarter of the marks are given for five (out of six) short questions, and the remainder for three (out of nine) long questions. The exam will cover both terms' material.

Ec2403

Macroeconomics II

Teachers Responsible: Professor C. Pissarides

Course Intended Primarily for M.Sc. Final year 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 used in modern macroeconomics.

Scope: 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.

Syllabus: Among the topics included are: a more advanced treatment of aggregate demand and

aggregate supply including disequilibrium macroeconomics; microfoundations of macroeconomics such as applications of efficient markets theory to consumption and investment; contract theory, search theory and the implications of imperfect and asymmetric information for labour markets and credit markets; liquidity constraints, credit rationing and other capital market imperfections; stability analysis with predetermined and nonpredetermined variables; implications of forward-looking behaviour for the behaviour for interest rates and exchange rates; the modern theory of business cycles.

Teaching Arrangements: Ec215 40 Michaelmas and Lent 24 classes.

Written Work: Two pieces of written work are set each term.

Examination Arrangements: A three hour exam. A quarter of the marks are given for five (out of six) short questions, and the remainder for three (out of nine) long questions. The exam will cover both terms' material.

Ec2404

Microeconomics I

Teacher Responsible: Dr. J. Sutton, Room S278 and Dr. S. Glaister, Room S277

Course Intended Primarily for Final year M.Sc. Economics.

Scope: 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.

Pre-Requisites: Undergraduate economics major or equivalent. A knowledge of multivariate calculus is assumed.

Syllabus: 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. Since this is a new course, the fine details are not yet settled and other topic may be included. Students will be given the opportunity to express their view concerning course content.

Teaching Arrangements: The basic course consists of 40 hours of lectures (Ec212) in the Michaelmas and Lent Terms. There will be 24 weekly 1-hour classes (Ec212a) in smallish groups.

Written Work: Exercises are set for each class but only 3 of these will be taken in 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.

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 3-hour exam. Half the marks given for 10 short compulsory questions, and half for 2 other questions (chosen from about 6). The exam will be drawn roughly equally from both terms' material.

Ec2405

Microeconomics II

Teachers Responsible: Professor A. B. Atkinson (Coordinator), Room R407 (Secretary, Ms. Jane Dickson, R405A). Professor M. Morishima, Room R410 (Secretary Ms. D. Clark, R411)

Course Intended Primarily for Final year M.Sc.

Scope: The aim of the course is to provide a firm grounding in micro-economic theory. It will emphasise those areas which are of particular value in fields such as labour economics, public economics, international trade and the theory of development. It will also seek to identify areas where the present theoretical treatment is unsatisfactory and new approaches are needed.

Syllabus: The first part of the course (taught by Professor Atkinson) will deal with the micro-economics of the household (including consumption and labour supply) and of the firm. The second part of the course (taught by Professor Morishima) will deal with general equilibrium theory, stability and dynamics.

Pre-Requisites: Good undergraduate knowledge of economic theory. Calculus required.

Teaching Arrangements: The basic course consists of 20 two-hour lectures (Ec213) and 20 one-hour classes (Ec213a) in small groups.

Written Work: Exercises are set for each class, of which 3 will be taken in and marked (Michaelmas Week 5, Lent Week 1 and Lent Week 7). 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: H. R. Varian, *Microeconomic Analysis* (2nd 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; M. Morishima, *The Economic Theory of Modern Society*, Cambridge University Press.

Examination Arrangements: There is a three-hour examination, based on the material from all parts of the course.

Ec2410

Methods of Economic Investigation I

Teacher Responsible: James Davidson

Course Intended Primarily for M.Sc. in Economics. Its purpose is to present and illustrate the techniques of empirical investigation in economics. 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.

Note that those students with an inadequate Mathematics or Statistics background will be attending the September Courses taught by Dr. Kuska and Dr. Magnus. These cover the Mathematics and Statistics which are strictly necessary for all three compulsory papers on the M.Sc. in Economics.

Teaching Arrangements: There are 2 lectures (Ec216) per week taught by Hugh Wills in the Michaelmas Term and James Davidson in the Lent Term and 1 lecture (Ec216) per fortnight taught by Jim Thomas. There is one class per week (Ec216a) associated with the lectures and Class Group allocation which takes place at the start of the Michaelmas Term. Exercises are provided each week and are discussed in the 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 M. Steward & K. Wallis, *Introductory Econometrics*.

More advanced texts are H. Theil, *Principles of Econometrics*, North Holland and A. Harvey, *The Econometric Analysis of Time Series*, Phillip Allen. Applications: Some use will be made of K. Wallis, *Topics in Applied Econometrics*, Blackwell; R. E. Lucas & T. J. Sargent (Eds.), *Rational Expectations and Econometric Practice*; M. Desai, *Applied Econometrics*.

Main Course Outline: (Wills)

1. Regression models with fixed regressors (simple and multiple). Least squares. Goodness of fit and hypothesis testing.
2. Regression models with stochastic regressors and asymptotic theory.
3. An example of regression using experimental data estimating labour supply, the New Jersey Negative Income Tax 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. Heteroskedasticity and Generalized Least Squares.
7. Measurement Errors and Instrumental Variables.
8. The method of maximum likelihood.
9. Sample Selection Bias, an application of maximum likelihood.

Davidson

10. The analysis of time series. Basic concepts; the autoregressive process asymptotic theory.
 11. Regression models in time series. Distributed lags; autocorrelated disturbances; continuation methods.
 12. Diagnostic tests, model selection.
 13. Simultaneous equations. Structural and reduced forms; dynamic systems; exogeneity and causality.
 14. Estimation of simultaneous equations; Two Stage Least Squares; identification.
 15. Rational expectations – theory and econometric practice.
 16. A case study; the consumption function.

Course Outline: (Thomas)

This section of the paper is concerned with practical econometrics and covers the use of the standard computer packages in econometrics including practical exercises.

Examination Arrangements: There is a three hour formal examination in the Summer Term. The format will be the same as last year. There will be approximately ten questions, the first of which will be compulsory and account for 50 per cent of the marks. Two other questions have to be answered and these will be similar to those in last years. The compulsory question will have short problems.

If there are any problems please talk to either Mr. Davidson or Dr. Wills.

Ec2411**Methods of Economic Investigation II**

Teacher Responsible: Mr. J. Davidson

Course Intended Primarily for M.Sc. (Economics), as advanced alternative to **Methods of Economic Investigation I** and for M.Sc. (Econometrics and Mathematical Economics) preliminary year.

Syllabus: The lectures for this course are drawn from advanced undergraduate options. The course segments are (i) 30 hours from **Econometric Theory** (SM232), and 20 classes, Michaelmas and Lent Terms; (ii) **Econometrics of Individual Behaviour** (Ec117), 10 lectures and 5 classes, Michaelmas Term; (iii) **Econometric Topics in Macro-Economics** (Ec120), 10 lectures and 5 classes, 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. See Mr. Davidson if you are in any doubt about your eligibility.

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.

Ec2420**Advanced Economic Theory**

Teacher Responsible: Professor M. Morishima, Room R410 (Secretary, Miss Debbie Clark, R411)

Course Intended Primarily for M.Sc. in Economics.
Scope: The aim of the course is to discuss various theories of economic dynamics, in order to enable students to examine economic phenomena from the system-analytic point of view.

Syllabus: The main points will be classical, methods of dynamic economics; neo-classical and Keynesian views of economic dynamism; capital formation and money; existence and stability of equilibrium; flex-price and fixed-price models; disequilibrium analysis.

Pre-Requisites: Third-year undergraduate knowledge of economic principles.

Teaching Arrangements: Lectures and classes (Ec219) by Professor Michio Morishima in the Michaelmas and Lent Terms.

Written Work: Two essays will be required during the year to be marked and discussed by Professor Morishima.

Reading List: There is no textbook covering the course. Detailed reading lists are provided for each section of the course. Books which students may like to consult include: M. Morishima, *Economic Theory of Modern Society*; Marx's *Economics*; Walras' *Economics*; J. R. Hicks, *Capital and Growth*; *Capital and Time*; E. Malinvaud, *The Theory of Unemployment Reconsidered*; *Profitability and Unemployment*; J. Steindl, *Maturity and Stagnation in American Capitalism*.

Examination Arrangements: There is a three-hour examination. The paper is divided into four parts, each containing two questions. Students are expected to answer three questions, not more than one from each part.

Ec2425**History of Economic Thought**

(Not available 1986-87)

Course Intended Primarily for M.Sc. (Economics), M.Sc. (Economic History).

Scope: 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.

Syllabus: The major authors studied are Hume, Cantillon, Thornton, Ricardo, Senior, J. S. Mill, Wicksell and Marshall. Two important monetary controversies, the Bullionist and Currency Banking School controversies, will be examined in detail.

Teaching Arrangements: Ec221. 20 lectures Michaelmas and Lent Terms; 20 seminars devoted to the analytical reading of texts.

Reading List: Apart from the original texts, the following general histories may be consulted: M. Blaug, *Economic Theory in Retrospect* (3rd edn.), Cambridge University Press; D. P. O'Brien, *The Classical Economists*, Oxford University Press; P. Deane, *The Evolution of Economic Ideas*, Cambridge University

Press; 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*; T. W. Hutchinson, *Review of Economic Doctrines*; J. R. Hicks, *Critical Essays in Monetary Theory*.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the full syllabus covered by the lectures and classes. Students are required to answer three questions out of a wide range of choices covering the syllabus.

Ec2426**International Economics**

Teacher Responsible: Dr. B. Hindley, Room S583

Course Intended Primarily for M.Sc. in Economics.
Scope: The aim of the course is to assist the student in understanding the theory, history and institutions of the international economy.

Syllabus: Introduction to International Trade and International Monetary Economics. Trade Theory: The simplest Ricardian Model of international trade followed by a development of the Heckscher-Ohlin-Samuelson model and its basic theorems.

Monetary Theory: An introductory survey of the development of balance-of-payments theory.

History and Institutions: A brief history of the international economy followed by discussions of the more important international institutions and financial markets.

The Theory of International Trade and Commercial Policy: The first part of this course explores the implications of relaxing the major assumptions of the basic model developed in the introductory lectures. The course then turns to issues of commercial policy and protection, quotas and other non-tariff barriers, customs unions, and tariff structure.

International Monetary Economics: The course begins with treatments of monetary, Keynesian and asset-market models of the international macroeconomy. It continues with a coverage of the following topics: macroeconomic adjustment under flexible exchange rates when domestic prices are 'sticky', the exchange rate and the current account, monetary and fiscal policy with fixed and flexible exchange rates, the efficiency of the foreign exchange market, and relative prices and macroeconomic adjustment in the open economy.

Pre-Requisites: Students are assumed to have completed a good undergraduate course in economic principles.

Teaching Arrangements:

Ec222 **Introduction to International Trade and International Monetary Economics.** Lectures: (i) Theory, 10 hours; (ii) History and Institutions, 10 hours. No classes.

Ec223 **The Theory of International Trade and Commercial Policy.** Lectures: 15 hours. Classes: Ec223a, 15 hours.

Ec224 **International Monetary Economics.** Lectures: 15 hours. Classes: Ec224a, 15 hours. In the classes Ec223a, each student is expected to present a paper applying international trade theory to some aspect of

international economic relations. For Ec224a, sheets of problems and topics will be distributed and students are expected to discuss these in the classes. In addition, several pieces of written work will be assigned during the course.

Reading List: Complete reading lists will be distributed at the beginning of each lecture course. R. Soloman, *The International Monetary System 1945-1981*, Harper & Row, 1982; A. I. MacBean & P. N. Snowden, *International Institutions in Trade and Finance*, George Allen & Unwin, 1981; R. E. Caves & R. W. Jones, *World Trade and Pavements*, Little Brown, 1981; R. E. Caves & H. G. Johnson (Eds.), *Readings in International Economics*, George Allen & Unwin, 1968; H. G. Johnson, 'Optimal Trade Intervention in the Presence of Domestic Distortions' in R. E. Baldwin *et al* (Eds.), *Trade, Growth and the Balance of Payments*, Rand McNally, 1965; R. G. Lipsey, 'The Theory of Customs Unions' (*E.J.*, September 1960); E. Tower, 'Commercial Policy Under Fixed and Flexible Exchange Rates' (*Q.J.E.*, August 1973); R. Dornbusch, *Open Economy Macroeconomics*, Basic Books, 1980; M. Mussa, 'Macroeconomic Interdependence and the Exchange Rate Regime' in R. Dornbusch & J. Frenkel (Eds.), *International Economic Policy*, John Hopkins, Baltimore, 1979; W. H. Buiter & M. Miller, 'Real Exchange Rate Overshooting and the Output Cost of Bringing Down Inflation' (*European Economic Review*, May/June 1982); R. Dornbusch & S. Fischer, 'Exchange Rates and the Current Account' (*A.E.R.*, December 1980).

Examination Arrangements: There is a single three hour examination in the Summer Term. All students are required to answer questions on the material in Ec222, but those on either Ec223 or Ec224 may be omitted if students prefer to specialize.

Ec2428**Theory of Optimal Decisions**

See **Economics of Investment and Finance** Ec1542

Ec2429**Labour Economics**

Teacher Responsible: Professor R. Layard, Room S84
Course Intended Primarily for M.Sc. (Econ.) final year and M.Phil.

Scope and Syllabus: The course tries to explain the pattern of wages (and wage inequality) and the pattern of employment and unemployment. The aim is to throw light on public policy issues relating to income distribution and employment. But the main focus is on the use of theory and evidence (from the U.K. and the U.S.) to explain what is actually going on. The main topics concerned are:

- (i) The supply of labour: Hours of work. Women's labour force activity. Incentive effects of taxes and income maintenance. Human capital and earnings inequality. The supply of skilled manpower, and occupational choice. Optimal redistribution of income.
- (ii) The demand for labour: Substitution between types of labour and capital. The effect of real wages and of aggregate product demand upon the level of

employment. Specific training and short-run fluctuations in employment.

(iii) Unemployment and wage inflation: Models of unemployment, voluntary and involuntary. The role of unions and implicit contracts in determining aggregate wages and employment. The role of search. The role of unemployment benefits. Explaining the path of employment and inflation in the 1970s and 1980s. Explaining the structure of unemployment and its duration (by age and occupation). Manpower policy (employment subsidies, public employment and training).

Pre-Requisites: Economics degree or equivalent. Calculus required.

Teaching Arrangements: There is one two-part lecture course (Ec227).

(i) Labour Supply, Demand, Unemployment and Wage Inflation. (Professor R. Layard, S84) 25 Lectures, Michaelmas and Lent Terms.

(ii) **Microeconomic Foundations of Unemployment** (Professor C. Pissarides) 10 Lectures. Lent Term. There will be 10 classes spread over 3 terms associated with these lectures.

In addition students are welcome to attend the following optional seminar.

Unemployment Seminar Ec452 (Professor R. Layard S84 and Professor C. Pissarides) 25 meetings Sessional. This is a research seminar run by the Centre for Labour Economics, which you are welcome to attend when you like.

Written Work: Students will write 4 short essays during the year. Professor Layard will supervise all students taking the course.

Reading List: The main reading for the course consists of recent journal articles. Some idea of the material is provided by: B. Fleischer & T. Kneisner, *Labour Economics: Theory and Evidence*; and the special issue of *Economica* on *The Rise in Unemployment*, Spring 1986.

A more detailed reading list is available from Professor R. Layard. (For the reading list for Course Ec251, see separate entry.)

Examination Arrangements: There will be one three-hour written paper. 3 questions to be attempted out of about 7.

Ec2430

Monetary Economics

Teacher Responsible: Professor C. Goodhart, Room S377 and Dr. D. Webb, Room S587

Course Intended Primarily for M.Sc. in Economics and M.Sc. in Econometrics and Mathematical Economics. **Scope:** 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.

Syllabus: The nature and form of markets; the role of market makers; common market imperfections. The historical development and role of money; the payments system; credit and financial intermediation; the role and functions of banks.

The demand for money; inventory thematic

approaches; money as an asset; stability of demand for money functions; money as a buffer stock. Empirical evidence on the demand for money.

Monetary control; monetary base control versus interest rate determination. Transition mechanism of monetary policy; interest rate effects, wealth effects. Disequilibrium money. Anticipated versus unanticipated monetary growth. Rules versus discretion. Monetary targets.

Determination of the stock of money. Banking treated as an industry; credit rationing and asymmetric information. Central banks regulation and its lender of resort role; deposit insurance. Arguments for and against free banking. What is different about banks; the particular nature of bank assets.

The neutrality of money; the classical dichotomy and its consequences. Money in the overlapping generations model; the indeterminacy of the price level. The optimal quantity of money. The analysis of government debt; the role of bequests and liquidity constraints.

Portfolio theory and asset market equilibrium; the theory of liquidity preference and the stock market. The non-neutrality of changes in the rate of monetary growth. The theory of open market operations. The term structure of interest rates. Efficient markets and the volatility of asset prices.

Pre-Requisites: Students are assumed to have done the equivalent of the undergraduate course **Economic Principles**. Only rudimentary knowledge of mathematics is assumed though more would be helpful.

Teaching Arrangements: There are forty-five hours of lectures and classes being arranged on an ad hoc basis. Students will be set regular exercises in the form of short essays and analytical problems. These exercises will be discussed in the classes and students are expected to have prepared the answers in advance. Students may also wish to attend the course Ec229, **International Banking and Euro-Markets** (10 lectures, Lent Term) given by Mr. Alford; there is no examination for this course.

Reading List: A reading list will be handed out by the lecturers at the beginning of their sessions. Students wishing to undertake some preliminary reading in advance of the course itself might read E. Fama, *Foundations of Finance*; Goodhart, *Money, Information and Uncertainty*, (though the latter is increasingly out of date). More mathematically adept students might try Gale, *Money: in General Equilibrium* and *Money in Disequilibrium*, though he uses a general Walrasian equilibrium model which is explicitly eschewed in the course. Useful survey articles to read include Hirshleifer and Riley, 'The Analysis of Uncertainty and Information - an Expository Approach', *JEL*, 1979; Eddfeld, 'The Demand for Money Revisited', *Brookings Papers*, 1973; Santomero, 'Modelling the Banking Firm', *JMCB*, 1984.

Examination Arrangements: The assessment for this course depends entirely on a three-hour formal examination in the Summer Term. The paper contains ten, or more questions of which four must be answered. No credit is given for answering more than four questions.

Economics of Transport

(Not available 1986-87)

Ec2432

Public Finance

Teacher Responsible: Professor A. B. Atkinson, Room R407

Course Intended Primarily for M.Sc. in Economics

Scope: Theory of Public Finance.

Syllabus: Theories of the state. Concepts of justice. Measurement of inequality and poverty. Distribution of income and distributional effects of taxes and public spending. General equilibrium incidence of taxation. 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. Inflation taxes and the stock market. Public enterprises.

Pre-Requisites: No special pre-requisites.

Teaching Arrangements:

Lectures: Ec236 **The Economics of Public Finance** (Professor Atkinson) Michaelmas Term.

Ec238 **Public Enterprise Economics** (Professor Bös) 3 lectures, Lent Term.

Ec249 **Capital Markets, The Corporation and Taxation** (Professor King), Part II: **Companies and Public Policy**, Lent Term.

Attention is also drawn to LL231 **Problems in Taxation Seminar** (Professor King, Dr. Barr and Mr. Avery Jones) Lent and Summer Terms, fortnightly, commencing January.

Reading List: R. A. & P. B. Musgrave, *Public Finance in Theory and Practice*, McGraw-Hill, 1984; A. B. Atkinson & J. E. Stiglitz, *Lectures on Public Economics*, McGraw-Hill, 1980; A. Auerback & M. S. Feldstein (Eds.), *Handbook of Public Economics*, North-Holland, 1985; J. A. Kay & M. A. King, *The British Tax System*, Oxford University Press, 1983; M. A. King, *Public Policy and the Corporation*, Chapman and Hall, 1977; J. A. Pechman, *Who Paid the Taxes 1966-1985?* Brookings, 1985; H. J. Aaron & J. A. Pechman (Eds.), *How Taxes Affect Economic Behaviour*, Brookings Institution, 1981; D. C. Mueller, *Public Choice*, Cambridge University Press, 1979; R. W. Boadway & N. Bruce, *Welfare Economics*, Basil Blackwell, 1984; M. S. Feldstein, *Inflation, Tax Rules and Capital Formation*, Chicago, 1983; D. Bös, *Public Enterprise Economics*, North Holland, 1986.

Examination Arrangements: One 3 hour paper.

Ec2436

The Economics of Industry

Teacher Responsible: Dr. J. Sutton, Room S278

Course Intended Primarily for M.Sc. in Economics; Industrial Relations and Personnel Management; Accounting and Finance.

Scope: A graduate course in the Economics of Industry (or in North American terminology, Industrial Organisation)

Syllabus: The economics of vertical integration, diversification, size of plants and firms, industrial concentration, entry conditions, and pricing policies.

Pre-Requisites: Undergraduate level microeconomics. **Teaching Arrangements:** Twenty lectures, **Economics of Industry** (Ec240) of 1½ hours each, in the Michaelmas and Lent Terms. Weekly classes (Ec240a) in the Lent and Summer Terms.

Classes in the Lent Term will be largely devoted to discussion of selected articles, to supplement the lecture course. Classes in the Summer Term will be largely devoted to revision.

Reading List: The following books are useful for general reference: F. M. Scherer, *Industrial Market Structure and Economic Performance*; O. E. Williamson, *Markets and Hierarchies*. References to journal articles and specialised monographs will be given in the lectures.

Examination Arrangements: There is a three-hour formal written examination in the Summer Term.

Ec2437

Capital Markets

Teacher Responsible: Professor M. A. King, Room R404 (Secretary Debbie Clark R411)

Course Intended Primarily for M.Sc. in Economics, Econometrics or Accounting and Finance.

Scope: A graduate course in the economics of capital markets. This course comprises the theoretical and empirical analysis of capital markets with particular reference to the effects of government policy. The optimum allocation of risks among economic agents and the extent to which this can be achieved with private markets provides a framework within which to discuss the following topics: private and public investment decisions under uncertainty; the theory of corporate finance and the behaviour of asset markets with taxes; taxes, inflation and the stock market; household savings and portfolio decisions; optimal taxation of capital income, both at the corporate and personal level; the role of pensions and public debt; public policy toward take-over and mergers; the relationship between tax policy and other forms of intervention, eg legislation and public ownership; the welfare economics of capital markets with imperfect information.

The course will examine both the theory of optimal public policy and the empirical literature on the impact of policies actually pursued.

Teaching Arrangements: Twenty five lectures (Ec249) of one and a half hours each in the Michaelmas, Lent and Summer Terms. Weekly classes (Ec249a).

Examination Arrangements: a three hour formal written examination in the Summer Term.

Ec2440

The Economics of Less Developed Countries

Teachers Responsible: Dr. C. Scott, Room S380 and Professor N. H. Stern, Room R424.

Course Intended Primarily for M.Sc. final year, and Diploma in Social Planning.

Scope: The course provides an advanced treatment of

development economics, theory and evidence, explanation and prescription.

Syllabus: Standard topics in development economics are treated at an advanced level. Major critical attention is given to various explanations of the causes of underdevelopment, contrasting those views that see the causes as mainly external to the underdeveloped countries with those views that see the causes as mainly internal. A second and closely related major concern is analysis of policies intended to raise income in low income countries. Important theories in development economics and economics generally are explored. Empirical studies are reviewed from many parts of the underdeveloped world. As in other M.Sc. economics courses, modern techniques of modelling testing theories and estimating relationships are applied to a variety of issues. These issues include the question of peasant rationality, savings behaviour in low income countries, income distribution and growth, the role of government including project appraisal and planning, public finance and macro stabilization, international trade policy and both direct and indirect foreign borrowing, the economics of aid, population issues, internal migration, and the roles of education, health, transport and technical change, especially agricultural technical change, in economic development. The course highlights particular studies and approaches for selective treatment in depth rather than comprehensive coverage. The emphasis is on recent literature.

Pre-Requisites: Students are assumed to be well qualified for an M.Sc. in Economics. They are expected to have a good grounding in micro and macro theory, 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. More important is a good grasp of price theory and income analysis.

Teaching Arrangements: Lectures (Ec242), a total of 25 lectures during the Michaelmas and Lent Terms. Classes (Ec244), ten classes, Lent and Summer Terms. The Seminar on the **Economics of Less Developed Countries** (Ec243) often relates to the course.

Reading List: P. T. Bauer, *Dissent on Development; Equality, Third World and Economic Delusion*; D. Seers, *Dependency Theory, A Critical Reassessment*; H. Barnum & L. Squire, *A Model of an Agricultural Household*; H. Chenery & R. Syrquin, *Patterns of Development 1950-1970*; R. Findlay, *International Trade and Development Theory*; P. Yotopoulos & J. Nugent, *Economics of Development*; C. J. Bliss & N. H. Stern, *Palampur: The Economy of an Indian Village*; K. Dervis, J. de Melo & S. Robinson, *General Equilibrium Models for Development Policy*; A. Sen, *Poverty and Famines, An Essay on Entitlement and Deprivation*; L. Taylor, *Macro Models for Developing Countries*; M. Gersovitz, C. F. Diaz-Alejandro, G. Rahis & M. R. Rosenzweig, *The Theory and Experience of Economic Development*; L. G. Reynolds, *Agriculture in Development Theory*; R. M. Solow, *Growth Theory*, I. M. D. Little & J. A. Mirrlees, *Project Appraisal and Planning for Developing Countries*.

Most of the specific reading for the course comes from the recent journal literature.

Examination Arrangements: The final grade is assigned solely on the basis of performance in a three hour written examination held towards the end of the Summer Term. Students are asked to write on four questions from a list of twelve.

Ec2442

Theory and Implementation of Control Indicative and Development Planning

Teacher Responsible: Dr. S. Gomulka

Course Intended Primarily for M.Sc. in Economics final year.

Scope: Part A of the course gives the background in social institutions and ownership to detailed planning (U.S.S.R.) and rather detailed planning (France). It also discusses the planner's implementation problem. Part B covers the theory, techniques and actual practice of macroeconomic planning; all these in reference to (mainly) centrally planned economies, some developing countries and France. Part C discusses the planning experience in India.

Syllabus:

Part A: A critical evaluation of the theory of indicative planning. Problems of information coordination, incentives and implementation. The experience of indicative planning in France and Japan, with empirical evaluation of the impact. The prospects for planning in the United Kingdom. "Social Planning" and workers' self-management in Yugoslavia.

Part B: Aggregative planning: policy variables and alternative development strategies. Multi-sectorial planning: consistency models of the Leontief input-output type and optimal models of the programming type. Detailed planning of the Soviet type: the method of product, labour and investment balances.

Planning as a bargaining process under limited information: micro and macroeconomic implications. Macroeconomic econometric models for centrally planned economies: Sovmod and others. Market socialism of the Lange-Taylor-Brus type and market communism of the Arrow-Hurwicz-Malinvaud type. Western indicative planning and the French Fi-Fi model.

Part C: Development policies and their relation to (i) plan implementation mechanisms; (ii) the contents of plans.

Pre-Requisites: Any M.Sc. Economics student should be able to follow.

Teaching Arrangements:

Part A: Ten one-hour lectures (Ec247i) by Dr. S. Estrin.

Part B: Twenty one-hour lectures (Ec247ii) by Dr. S. Gomulka.

Part C: Five one-hour lectures (Ec247iii) by Professor Desai

Seminar: **Comparative Economics and Economic Systems** meets weekly, sessional. The seminar's conveners: Dr. S. Gomulka, Dr. S. Estrin and Professor Peter Wiles. The seminar discusses topics related to the course and students are advised to attend.

Students may find it useful to attend also Ec245 Soviet Economic Development.

Written Work: There are no classes, but students are expected to prepare essays for their supervisors.

Reading List: Part A: S. Estri & P. M. Holmes, *French Planning in Theory and Practice*; M. Cave & P. Hare, *Theory of Economic Planning*; P. Hare, *Planning the British Economy*; J. Meade, *Theory of Indicative Planning*; N. Ireland & P. Lair, *Economic Analysis of Labour-Managed Enterprises*; E. Comiss, *Plan and Market in Yugoslav Economic Thought*.

A full reading list will be distributed at the start of the course.

Part B: Blitzer-Clark-Taylor (Eds.), *Economy-Wide Models and Development Planning* especially the contributions by Taylor and by Clark, Oxford University Press, 1975; Carter-Brody, *Application in Input-Output Analysis* Vols. 1 and 2, North-Holland Publishing Company, 1970; M. Ellman, *Planning Problems in the U.S.S.R.*, Cambridge University Press; D. Green & C. Higgins, *SOVMOD I: A Macroeconomic Model of the Soviet Union*, 1977; G. Healm, *The Theory of Planning*, North-Holland Publishing Company; L. Johansen, *Lectures on Macroeconomic Planning*, Vols. 1 and 2, 1977; J. Kornai, *Mathematical Planning of Structural Decisions*, chaps. 1-3, North Holland Publishing Company; J. Kornai, *Economics of Shortage*, 1980; D. Liggins, *National Economic Planning in France*; E. Malinvaud, 'Decentralised Procedures for Planning' in E. Malinvaud & Bachardach (Eds.), *Activity Analysis in the Theory of Growth and Planning*; Nove-Nuti (Ed.), *Socialist Economics*, Part I, 1972; S. Gomulka, *Growth, Innovation and Reform in Eastern Europe*. Articles by Lange, Brus-Laski, Dobb, Domar and Kornai.

Part C: References related to national planning in LDCs, mainly in India.

Lists of journals papers and optional references are circulated.

Examination Arrangements: The examination paper is in two sections, 1 and 2, section 1 containing questions corresponding to Parts A and C, and section 2 to Part B above. Students are required to answer one question from section A and two questions from section B. All questions have equal weight.

Ec2455

Marx, Walras and Keynes in the Light of Contemporary Economic Analysis

(Not available 1986-87)

Ec2465

Economic Inequality

Teacher Responsible: Professor A. B. Atkinson, Room R407

Course Intended Primarily for M.Sc. in Economics

Scope: The aim of the course is to show how economic analysis can be applied to the distribution of income and wealth.

Syllabus: Principles of economic justice. Measurement of inequality. Measurement of poverty. Models of the distribution of income and wealth. Theories of the distribution of earnings.

Pre-Requisites: Third-year undergraduate knowledge of economic principles.

Teaching Arrangements:

Lectures: Ec258 by Professor Atkinson and Dr. F. A.

Cowell commencing in the Michaelmas Term. Seminar on **Economic Inequality** (Ec259) organised by Professor Atkinson and Dr. Cowell. Classes organised by Dr. Cowell.

Reading List: A. B. Atkinson, *The Economics of Inequality*; A. K. Sen, *On Economic Inequality*; F. A. Cowell, *Measuring Inequality*; J. E. Meade, *The Inheritance of Inequalities*; A. B. Atkinson (Ed.), *Wealth, Income and Inequality*.

Examination Arrangements: There is a three-hour examination. Students are expected to answer three questions out of eight.

Ec2470

The Economics of Technological Change and Long-Term Growth

Teacher Responsible: Dr. S. Gomulka

Course Intended Primarily for Final Year M.Sc. in Economics.

Scope: The course covers an integrated (microeconomic) theory of innovation and market structure, an integrated (macroeconomic) theory of innovation, international diffusion and long-term growth and a treatment of institutional and cultural factors in technological change.

Syllabus:

Microeconomics: the aim is to show how basic ingredients, such as demand conditions, R & D technological possibilities, the nature of the capital market and patent regulations affect both the industrial concentration and the rate of innovative activity.

Macroeconomics: measures of innovation and measurement problems, optimal rate and direction of technological change, variation in technological levels and mechanisms of international technological transfer, models of innovation and growth in the technology-importing country, technological unemployment and cycles, a theory of international variation in innovation and productivity growth.

Institutions and Culture: Why Britain led. The reactions of Prussia, Russia and India. International transfer. Intermediate technology. Military technology.

Pre-Requisites: No particular pre-requisites. The first two courses are theoretical in orientation, but their level of mathematics and economic theory is comparable to that of the main M.Sc. micro and macro courses.

Teaching Arrangements: Lectures: There are three sections in the course and a seminar.

(i) **Microeconomics:** Ec260 **The Relationship Between Industrial Structure and Technological Change**. 12 lectures Michaelmas and Lent Terms given by Mr. D. de Meza and Dr. T. Horsley.

(ii) **Macroeconomics: Inventive Activity, Diffusion and the Dynamics of Long-Term Growth**. 12 lectures Lent and Summer Terms given by Dr. S. Gomulka.

(iii) **Institutions and Culture**. 6 lectures Michaelmas Term given by Professor P. Wiles.

(iv) **Technological Change Workshop**. 5 meetings beginning 6th week of the Lent Term, to discuss topics related to the course. The seminar conveners: Mr. D. de Meza and Dr. S. Gomulka.

Written Work: There are no classes, but students are expected to present seminar papers and prepare essays for their supervisors.

Reading List: Microeconomics: M. Kamien & N. Schwarz, *Market Structure and Innovation*, Cambridge University Press, 1982; P. Stoneman, *The Economic Analysis of Technological Change*, Oxford University Press, 1983; K. Arrow, 'Economic Welfare and the Allocation of Resources to Inventions' in R. R. Nelson (Ed.), *The Rate and Direction of Inventive Activity*; B. Spencer & J. Brander, 'International R & D Rivalry and Industrial Strategy' in *Review of Economic Studies*, 1983; P. Dasgupta & J. Stiglitz, 'Industrial Structure and the Nature of Innovative Activity' in *Economic Journal*, 90, 1980; P. Dasgupta & J. Stiglitz, 'Uncertainty, Industrial Structure and the Speed of R & D' in *Bell Journal*, Spring 1980; D. Fudenberg, 'Pre-emption Leapfrogging and Competition in Patent Races' in *European Economic Review*, 22, 1983; D. Fudenberg & J. Tirole, 'The Fat-Cat Effect, The Puppy-Dog Ploy and the Lean and Hungry Look' in *American Economic Review*, May 1984; J. Reinganum 'Practical Implications of Game Theoretic Models of R & D' in *American Economic Review*, May 1984; P. Tandon, 'Optimal Patents with Compulsory Licences' in *Journal of Political Economy*, Vol. 90, No. 3, 1982.

Macroeconomics: Required reading – some ten papers by Findly, Gomulka, Nelson-Winter, Phelps and others. Also S. Gomulka, *Inventive Activity: Diffusion and the Stages of Economic Growth*; W. D. Nordhouse, *Invention, Growth and Welfare*.

Examination Arrangements: The examination is in three sections. Four questions should be answered. No more than two questions may be answered from any section. All questions have equal weight.

Ec2495

Topics in Economic Analysis

Teacher Responsible: Professor M. A. King, Room S404

Course Intended Primarily for M.Phil. or Ph.D. students in Economics.

Scope: The aim of the course is to cover recent developments 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.

Ec2510

The Economics of Regional and Urban Planning

Teachers Responsible: Mr. R. A. Jackman, Room S376 and Dr. C. M. E. Whitehead, Room S579

Course Intended Primarily for M.Sc. Regional and Urban Planning Studies

Scope: The course examines the economic principles and techniques necessary for the analysis of regional

and urban structure and uses these principles to examine regional and urban 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.

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 Ec101 **Economics A2** as a pre-requisite.

Syllabus: 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: grants, property taxation, other local taxes. Pricing and investment decisions in the public sector. The principles of cost benefit analysis and their application to public sector decision making. Local public finance. Urban housing and transport problems and policies. The rationale of regional policies. Instruments of regional policy.

Teaching Arrangements:

Ec400 **Elements of Urban and Regional Economics** 18 hours lectures, C. M. E. Whitehead, Michaelmas and Lent Terms.

Ec400a **Elements of Urban and Regional Economics** 10 hours classes.

Ec401 **Seminar in Regional and Urban Economics** 15 1½ hour seminars, R. A. Jackman, Michaelmas, Lent and Summer Terms.

Ec119 **Cost-Benefit Analysis** 10 lectures, S. Glaister, Lent Term.

Ec234 **Urban and Transport Economics** 10 1½ hour seminars, Professor C. D. Foster, S. Glaister, R. A. Jackman, C. M. E. Whitehead, 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*; A. Evans, *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*; B. Walker, *Welfare Economics and Urban Problems*; K. Willis, *Economics of Town and Country Planning*; H. Richardson, *Elements of Regional Economics*; H. Dunkerley (Ed.), *Urban Land Policies: Issues and Opportunities*. Reading on specific topics may be provided at the lectures.

Text for Ec119: D. W. Pearce and C. A. Nash, *The Social Appraisal of Projects*.

A detailed reading list for each seminar topic covered in Ec401 will be provided at the beginning of the course.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term. The examination paper normally contains nine questions 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.

Ec2515

The Economics of European Integration

Teacher Responsible: A. Marin, Room S566

Course Intended for M.Sc. (Econ.) in European Studies, Paper 3(e).

Scope: This course may be taught if there is sufficient demand by those for whom the economic analysis and content of Ec256 are too simple.

Ec2516

The Economic Organisation of the European Community

Teacher Responsible: A. Marin, Room S566

Course Intended Primarily for M.Sc. (Econ.) in European Studies, Paper 1 and 2(c).

Scope: As title.

Syllabus: The course covers various economic aspects of the EEC. 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.

Pre-Requisites: Students who have not previously studied economics should also take Ec257 during the Michaelmas Term to acquire the necessary background.

Teaching Arrangements: Twenty lectures (Ec255) will be given by Mr. Marin and there will be fifteen seminars (Ec256). Some of the seminars will be given by students. A mid-year examination is given to help assess students progress (see M.Sc. description).

Reading List: A detailed reading list will be given out at the beginning of term. Many of the topics are covered in D. Swann, *The Economics of the Common Market*; P. Robson, *The Economics of European Integration*; 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.

Ec2520

Economics for M.Sc. Sea-Use

Teacher Responsible: David de Meza, Room S681

Course Intended Primarily for students for M.Sc. in Sea-Use.

Scope: Application of economic analysis to explaining the pattern of marine resource use and to designing rational management policies.

Syllabus: Economics of exhaustible resources: fish, offshore oil and gas, manganese nodules. Cost benefit analysis, particularly applied to port pricing and investment. Externalities as applied to pollution control.

Teaching Arrangements: Two meetings of two hours per week during Lent Term and also parts of

Michaelmas and Summer Terms. The meetings will combine lecture and discussion.

Written Work: Two essays and preparation for class discussion.

Reading List: L. Anderson, *The Economics of Fisheries Management*; P. Dasgupta, *The Control of Resources*; R. Eckert, *The Enclosure of Ocean Resources*; E. Benathan & A. Walters, *Port Pricing*; A. Fisher, *Resource and Environmental Economics*.

Examination Arrangements: Written 3 hour examination in Summer Term. 50% of marks for choice of six from twelve short questions, remaining marks for two from six longer questions.

Ec2550

Advanced Quantitative Economics I

Teacher Responsible: Mr. S. E. Pudney, Room S283
Course Intended Primarily for M.Sc. (Econometrics) Final Year.

Scope: The course is intended (a) to introduce students to new developments in applied econometrics research in some central fields of econometrics paying particular interest to new methodology, (b) to give students experience of seminar presentation. It is complementary to **Advanced Quantitative Economics II** which specialises on economic model building particularly in the field of macro-economics.

Syllabus: The seminar explores recent journal articles covering estimation and testing of models drawn from various fields of micro economics. The lectures provide background material for the seminar.

Pre-Requisites: A knowledge of econometric theory and applied econometrics corresponding to the undergraduate courses at LSE. Students must be prepared to read journal articles with difficult mathematical and statistical content.

Teaching Arrangements:

Ec302(i): Graduate Seminar for **Advanced Quantitative Economics I: S. E. Pudney and Professor P. M. Robinson**. Michaelmas Term 10 two-hour seminars. All students attending the course are required to present papers and act as discussants in the seminar. The number of occasions per student depends on the number of students in the seminar but is normally three times in the term.

Ec303(i): **Advanced Quantitative Economics I: S. E. Pudney**, Michaelmas Term. 10 lectures.

Reading List: Since this course is an attempt to cover recent research in applied econometrics, no textbook is entirely up-to-date. Background reading from textbooks such as Deaton & Muellbauer, *Economics of Consumer Behaviour* and M. J. Desai, *Applied Econometrics* might be regarded as pre-requisites for the course. The student will not be expected to read the whole literature of the subjects covered, and might be expected to read one or two journal articles on two-thirds of the topics, but to read more widely on topics where he is presenter or discussant.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Eight questions are based on the work of the Michaelmas Term from courses Ec302(i) and Ec303(i). Three questions are based on the first half of the course Ec304. Students are required to write three questions.

Ec2551**Advanced Quantitative Economics II**

Teacher Responsible: Dr. F. van der Ploeg, Room S584
Course Intended Primarily for students taking the M.Sc. in Econometrics and Mathematical Economics although the lectures may be of interest to M.Phil. and Research Fee students.

Scope: This course aims to familiarise the student with a broad range of topics which illustrate the use of quantitative techniques in economics research. There is some emphasis on modern macro-economics, particularly in the lecture course, but in the seminars a wide variety of other subjects are dealt with.

Syllabus:

The lecture course (Ec303(ii)) (10 hours Lent Term, Dr. F. van der Ploeg).

This course will be concerned with an analysis of the extent to which existing theoretical and empirical work helps up to understand major movements in macro variables. Among the topics which will be considered are:

1. Intertemporal models of consumer behaviour and empirical tests.
2. Intertemporal models of investment behaviour and empirical tests.
3. Static and intertemporal equilibrium models of the economy; rational expectations; anticipated and unanticipated changes.
4. Empirical tests of the new classical model.
5. Explanations of aggregate fluctuations in output, prices and unemployment in the context of the above and a comparison with "disequilibrium" or Keynesian models.
6. Monopolistic competition, efficiency wages and involuntary unemployment.

The seminar series (Ec302(ii)) (20 hours Lent Term, Dr. F. van der Ploeg and Dr. S. Wadhvani).

These seminars will cover a variety of topics and will be presented by the students. Furthermore, those students writing projects are invited to discuss their results in this seminar. The topics which will be discussed, the order in which they will be taken and who will do what will be decided at a meeting towards the end of the Michaelmas Term, and at the first meeting of the seminar. Students are encouraged to choose topics in which they are particularly interested. Below we have listed a selection of potential topics. Any other area of economics which comes under the broad heading of Quantitative Economics will be considered, however, although we do reserve a final right of veto.

Possible Topics**Incentives**

1. The impact of taxes on the supply of labour.
2. The impact on unemployment insurance on the level of unemployment.
3. Company profitability and growth and managerial remuneration.
4. Incentives and labour turnover – why do people change jobs.

Macroeconomic Theory and Policy

1. The role of expectational errors in determining supply fluctuations.

2. Business cycles as an equilibrium or disequilibrium phenomenon.
3. Unemployment as an equilibrium or disequilibrium phenomenon.
4. The ineffectiveness of monetary policy.
5. Implicit contracts, wage stickiness and unemployment.
6. Cost push, unemployment and monetary accommodation.
7. Time inconsistency and credibility of optimal economic policy and reputational equilibrium.
8. Coordination of national policy in the world economy. Can it be counter-productive?

Other Topics

1. The determinants of individual earnings – genes, environment, education, luck, etc.
 2. The effect of trade unions on pay, productivity and turnover.
 3. Firm behaviour under uncertainty – what do firms maximise, if anything?
 4. Testing theories of exchange rate determination.
- The seminar programmes for the last three years are made available to M.Sc. students at the start of the academic year.

5. Empirical tests of the efficiency of financial markets.

Reading List: There is no central text. A full reading list will be available at the beginning of the session.

Examination Arrangements: There is a three-hour examination towards the end of the Summer Term. Four questions have to be answered and students have a free choice from around twelve questions on the paper. Typically four questions are based on the Lent Term lecture course and eight questions on the seminar series.

Ec2560**Advanced Econometric Theory I**

Teacher Responsible: Professor P. M. Robinson, Room S577 (Secretary, Jean Canfield, S478)

Course Intended Primarily for M.Sc. (Econometrics) Final Year and M.Sc. (Statistics).

Scope: The courses are intended for students with a considerable background in econometric theory (either at the undergraduate level or in the preliminary year of the M.Sc. (Econometrics)) to provide (a) a general review of econometric theory at a more advanced level, and (b) an introduction to the statistical analysis of time series.

Syllabus:**Advanced Econometric Theory:**

1. Asymptotic statistical theory: convergence in probability and distribution, stochastic orders of magnitude, laws of large numbers and central limit theorems for sums of independent and dependent random variables.
2. Linear simultaneous equations system: structural and reduced forms, identities, lagged endogenous variables.
3. Identifiability: observational equivalence, global and local identifiability, multicollinearity, system and equation identifiability under linear and non-linear constraints.
4. Estimation of simultaneous equations systems, subsystems and single equations: Gaussian pseudo-

maximum likelihood, minimum distance, two and three stage least squares, instrumental variable and other estimators, their asymptotic statistical properties.

5. Hypothesis testing: Wald, Lagrange multiplier and likelihood ratio test statistics, their relationship and asymptotic properties, testing overidentifying constraints, testing for misspecification.

Basic Time Series Analysis: basic structure of time series, stationarity, autocorrelation, ARMA models, filtering and testing, linear forecasting, regression with autocorrelated errors, tests of serial independence, Wold decomposition.

Pre-Requisites: A background in statistical theory and econometric theory similar to our undergraduate courses **Probability and Distribution Theory** and **Econometric Theory**.

Teaching Arrangements: There are two lecture courses, with classes associated with one of the courses, **Advanced Econometric Theory**.

Ec316 Advanced Econometric Theory. Professor P. M. Robinson 25 lectures: 15 in the Michaelmas Term, 10 in the Lent Term.

Ec316a Class for Advanced Econometric Theory. Professor P. M. Robinson. 20 classes: 5 in the Michaelmas Term (beginning 6th week), 10 in the Lent Term and 5 in the Summer Term.

SM257 Basic Time Series Analysis. J. Durbin and A. Harvey. 20 lectures, Michaelmas Term.

Written Work: Problems will be set regularly in connection with Ec316. Solutions which are handed in will be reviewed.

Reading List:

Advanced Econometric Theory: A list of books will be handed out at the start of the course. The most relevant books are perhaps C. R. Rao, *Linear Statistical Inference and its Applications*; R. J. Serfling, *Approximation Theorems of Mathematical Statistics*; E. Malinvaud, *Statistical Methods of Econometrics*; P. Schmidt, *Econometrics*; P. C. B. Phillips and M. R. Wickens, *Exercises in Econometrics* Vols. I and II.

Basic Time Series Analysis: E. J. Hannan, *Time Series Analysis*; A. Harvey, *Time Series Models*.

Students might be expected to buy A. Harvey.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper is divided into two parts. Part I is based on **Advanced Econometric Theory**. It contains eight questions. Part II contains four questions on the **Basic Time Series Analysis** course. Candidates are required to answer four questions, at least two questions from Part I of the paper.

Ec2561**Advanced Econometric Theory II**

Teacher Responsible: Dr. J. Magnus, Room S479

Course Intended Primarily for M.Sc. (Econometrics).

Scope: This paper covers a set of courses given by different members of staff with interests in different special topics in econometrics and the statistical analysis of time series.

Syllabus: The courses consist of a set of short lecture courses of 10 hours plus a rather longer course "Further Time Series" of 20 hours. The topics are as follows.

Ec317 Finite Sample Properties. J. D. Sargan. 10 lectures. Lent Term. Exact distribution for simple time series and single equation estimators, the Imhof procedure, asymptotic expansions of moments, Edgeworth and X^2 approximations.

Ec318 Qualitative Response Models. Stephen Pudney. 10 lectures. Michaelmas Term. Qualitative dependent variables, methods of estimation and applications.

Ec320 Structural Time Series Models and the Kalman Filter. A. C. Harvey, 10 lectures. Lent Term. State space models; kalman filter, time-varying parameters application to structural time series models.

Ec321 Non-Linear Techniques in Econometrics. J. Davidson. 10 lectures. Michaelmas Term. Numerical methods of non-linear optimisation, identification, maximum likelihood and minimum distance estimators, non-linear simultaneous equation models.

SM258 Further Time Series Analysis. J. Durbin and A. C. Harvey. 20 lectures. Lent Term. Spectral Analysis, multivariate time series models.

Pre-Requisites: Intended for the student with a good general background in econometric theory and time series analysis. Normally only for the student who is also taking the paper "Advanced Econometric Theory I".

Teaching Arrangements: The short courses follow each other through the year using the same weekly hours and locations. A student might expect to take up to about 40 hours on these lectures to have an adequate choice in the examination. The actual course identifiers and teachers are given above. The numbers taking the courses are expected to be sufficiently small that some informal interaction and problem solving will be organised by the teacher.

Reading List:

Finite Sample Theory: A list of articles will be given at the start of the course.

Non-Linear Techniques in Econometrics: S. M. Goldfield & R. E. Quandt, *Non-Linear Methods in Econometrics*.

Qualitative Response Models: G. S. Maddala, *Limited Dependent and Qualitative Variables in Econometrics*; C. Manski & D. McFadden, *Structural Analysis of Discrete Data with Econometric Applications*.

Structural Time Series Models and the Kalman Filter: A. C. Harvey, *Time Series Models*; B. D. O. Anderson & J. B. Moore, *Optimal Filtering*.

Further Time Series Analysis: P. Bloomfield, *Fourier Analysis of Time Series*; A. C. Harvey, *Time Series Models*; G. Fishman, *Spectral Methods in Econometrics*; W. A. Fuller, *Introduction to Statistical Time Series*; C. W. J. Granger & P. Newbold, *Forecasting Economic Time Series*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper is divided up into parts corresponding to each separate course. One question is set per five hours of lecturing. Students are required to answer four questions, to be selected from at least two parts of the paper.

Ec2563**Advanced Econometrics**

Teacher Responsible: Professor P. M. Robinson, Room S577 (Secretary, Jean Canfield, S478)

Course Intended Primarily for M.Sc. (Statistics)

Scope: The course is intended for students with a strong background in econometric theory (they provide a general review of econometric theory at an advanced level).

Syllabus:

1. Asymptotic statistical theory: convergence in probability and distribution, stochastic orders of magnitude, laws of large numbers and central limit theorems for sums of independent and dependent random variables.
2. Linear simultaneous equations system: structural and reduced forms, identities, lagged endogenous variables.
3. Identifiability: observational equivalence, global and local identifiability, multicollinearity, system and equation identifiability under linear and nonlinear constraints.
4. Estimation of simultaneous equations systems, subsystems and single equations: Gaussian pseudo-maximum likelihood, minimum distance, two and three stage least squares, instrumental variable and other estimators, their asymptotic statistical properties.
5. Hypothesis testing: Wald, Lagrange multiplier and likelihood ratio test statistics, their relationship and asymptotic properties, testing over-identifying constraints, testing for misspecification.

Pre-Requisites: A background in statistical theory and econometric theory similar to our undergraduate courses, **Probability and Distribution Theory** and **Econometric Theory**.

Teaching Arrangements: There is one lecture course, with associated classes.

Ec316 Advanced Econometric Theory. Professor P. M. Robinson 25 lectures: 15 in the Michaelmas Term and 10 in the Lent Term.

Ec316a Class for Advanced Econometric Theory. Professor P. M. Robinson 20 classes: 5 in the Michaelmas Term (beginning 6th week), 10 in the Lent Term and 5 in the Summer Term.

Written Work: Problems will be set regularly in connection with Ec316. Solutions which are handed in will be reviewed.

Reading List:

Advanced Econometric Theory: A list of books will be handed out at the start of the course. The most relevant books are perhaps C. R. Rao, *Linear Statistical Inference and its Applications*; R. J. Serfling, *Approximation Theorems of Mathematical Statistics*; E. Malinvaud, *Statistical Methods of Econometrics*; P. Schmidt, *Econometrics*; P. C. B. Phillips and M. R. Wickens, *Exercises in Econometrics Vols I and II*; A. C. Harvey, *The Econometric Analysis of Time Series*.

Examination Arrangements: There is a three hour formal examination in the Summer Term. Candidates are required to answer four questions out of eight. Candidates are not permitted to answer the time series questions, which make up part II of the paper.

Ec2570**Advanced Mathematical Economics I**

Teacher Responsible: Dr. H. Wills, Room S682

Courses Intended Primarily for M.Sc. in Econometrics and Mathematical Economics and M.Sc. in Economics.

Scope: These papers introduce the student to a number of related topics in advanced economic theory which are currently the subject of research interest.

Pre-Requisites: Students are expected to be familiar with the material covered in the undergraduate paper **Mathematical Economics**. Some of the lectures assume familiarity with calculus, linear algebra and elements of analysis.

Teaching Arrangements: There are 5 lecture courses of 10 hours each.

Ec305 Introduction to General Equilibrium (Ten hours, Michaelmas Term)

Ec306 Topics in Advanced Mathematical Economics (Ten hours, Michaelmas Term)

Ec310 Organization and Information (Ten hours, Lent Term)

Ec311 Public Economics (Ten hours, Michaelmas Term)

Ec312 Intertemporal Economics (Ten hours, Lent Term)

All students should attend the fortnightly seminar in **Mathematical Economics** (Ec314) as well as the **Theoretical Economics Workshop** at the International Centre for Economics and Related Disciplines.

Syllabuses and Basic References: Introduction to General Equilibrium: This course begins with a revision of the elements of the Arrow-Debreu model and then applies these to the question of existence of equilibrium. It goes on to consider the question of existence of equilibrium. It goes on to consider how these methods can be applied to the analysis of a variety of situations; equilibrium when there are fixed prices and quantity rationing, equilibrium over time, stochastic equilibria and so on. The emphasis is on the structure of these models and on the nature and existence of equilibrium.
Basic Reference: G. Debreu, *Theory of Value* (Wiley, 1959).

Topics in Advanced Mathematical Economics: Debreu-Scarff theorem; markets with a continuum of traders; monopolistic competition and product differentiation.

Basic Reference: W. Hildenbrand & A. Kirman, *Introduction to Equilibrium Analysis: Variation on Themes of Walras and Edgeworth*, (North Holland).

Organization and Information: A theory of organization will be developed with special attention to differential information possessed by agents. Organization coordination will be discussed in the context of the theory of teams, to be followed by the problem of incentives arising due to moral hazard and adverse selection.

Basic References: K. J. Arrow, *The Limits of Organization*; C. B. McGuire & R. Radner (Eds.), *Decision and Organization*.

Public Economics: The programming approach to optimality and equilibrium. The Diamond-Mirrlees Theorems, productive efficiency and optimal taxation. Externalities and public goods. Revelation of

preferences and incentive compatibility. Accounting prices and Social Benefit-Cost analysis.

Intertemporal Economics: Exhaustible resources, optimum population growth and intergenerational equality.

Examination Arrangements: In AME I the entire assessment is based on the candidate's performance in a three-hour examination held in the Summer Term. The paper is divided into five sections. Each section corresponds to one of the lecture courses offered for that paper and contains three questions relating to that course. Candidates must answer four questions chosen from at least three sections. No credit is given for attempting more than four questions or for attempting more than the permitted number of questions from each section. Candidates are expected to answer all questions fully and will be penalized for not answering any part of a question.

Ec2590**Preliminary Year Macroeconomics**

Teacher Responsible: R. A. Jackman, Room S376

Course Intended Primarily for students admitted to the M.Sc. Economics Preliminary Year programme.

Scope: The aim of the course is to provide students with a grounding in macroeconomics sufficient to proceed directly to Ec2402 or Ec2403.

Syllabus: Analysis of the determination of the level of employment, the price level and its rate of change, and exchange rates. The first part of the course will focus on the similarities and contrasts between Keynesian and classical models of the economy. The second half will develop the properties of more recent syntheses of these models.

Pre-Requisites: Admission to the Preliminary Year M.Sc. programme.

Teaching Arrangements: There is one lecture course (Ec203) consisting of 20 lectures in the Michaelmas

and Lent Terms and 24 accompanying classes (sessional).

Reading List: R. Dornbusch and S. Fischer, *Macroeconomics* is the recommended text. Supplementary readings will be recommended at the beginning of the course.

Examination Arrangements: One two-hour closed-book written examination held in the Summer Term.

Ec2591**Preliminary Year Microeconomics**

Teacher Responsible: To be announced.

Course Intended Primarily for students admitted to the M.Sc. Economics Preliminary Year programme.

Scope: The aim of the course is to provide students with a grounding in microeconomics sufficient to proceed directly to Ec2404 or Ec2405.

Syllabus: The allocation of resources under a system of exclusive private property rights. The effects of interventions by Government in the functioning of that system. Economic bases for the normative assessment of the private property rights system, of imperfections in it, and of deviations from it.

Pre-Requisites: Admission to the Preliminary Year M.Sc. programme.

Teaching Arrangements: There is one lecture course (Ec202) consisting of 20 lectures in the Michaelmas and Lent Terms and 24 accompanying classes (sessional).

Reading List: The main textbook for the course is D. Laidler, *Introduction to Microeconomics*. Further reading will be given at the beginning of the course. Those students who have had very little economics previously are strongly advised to read the relevant chapters of Lipsey before going on to the assigned readings.

Examination Arrangements: One two-hour closed-book written examination held in the Summer Term.

ECONOMIC HISTORY

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
EH100	The Economic History of Great Britain and the U.S.A., 1850-1939 Mr. D. E. Baines and Mr. J. Potter	24/MLS	EH1600
EH101	Modern British Society in Historical Perspective Professor T. C. Barker, Mr. D. E. Baines, Dr. E. H. Hunt, Mr. M. Falkus, Professor L. Hannah, Dr. P. Johnson and Professor E. A. Wrigley	23/MLS	EH1601
EH102	Society and Economy of Early Modern England <i>(Not available 1986-87)</i> Dr. P. Earle	20/ML	EH1626
EH103	Economic and Social History of Britain from 1815 Dr. E. H. Hunt	20/ML	EH1630
EH104	Family and Community in Britain Since 1830 Dr. P. Johnson	20/ML	EH1631
EH106	Economic History of the U.S.A. from 1783 Mr. J. Potter	24/MLS	EH1641; EH2615; EH2660
EH107	Modern British Business in Historical Perspective, 1900-1980 Dr. G. G. Jones and others	25/MLS	EH1660
EH108	Economic History of England, 1216-1603 Dr. A. R. Bridbury	20/ML	EH1620
EH109	A Comparative Study of Modern Economic Development in Russia, Japan and India Mr. M. Falkus, Dr. G. G. Jones and Dr. J. E. Hunter	20/ML	EH1643
EH110	Latin America and the World Economy Dr. C. M. Lewis	24/MLS	EH1644
EH111	Introduction to Quantitative Methods in Economic History Mr. J. Potter and Dr. W. P. Kennedy	22/MLS	EH111
EH113	Economic and Social History of England, 1377-1485 Dr. A. R. Bridbury	24/MLS	EH1720; EH2640

Lecture/ Seminar Number			Study Guide Number
EH114	The Economy and Society of London, 1600-1800 <i>(Not available 1986-87)</i> Dr. P. Earle	20/ML	EH1726
EH115	The Peopling of America Mr. J. Potter	25/MLS	EH1727
EH116	The Development of the International Economy, 1870-1914 Mr. M. Falkus	25/MLS	EH1728
EH117	Problems in Quantitative Economic History Dr. W. P. Kennedy	12/MLS	EH1750
EH118	Britain and the International Economy, 1919-64 <i>(Not available 1987-88)</i> Mr. D. E. Baines	24/MLS	EH1740; EH2655
EH119	The Economy of England, 1350-1500 (Intercollegiate Class) Dr. A. R. Bridbury	30/SML	EH1770
EH120	Life and Labour in London, 1880-1920 Dr. P. Johnson	20/ML	EH1729
EH130	British Labour History, 1815-1939 Dr. E. H. Hunt and Mr. D. E. Baines	25/MLS	EH2700; Id4222
EH131	History of Transport from the Turnpike to the Motorway Professor T. C. Barker	25/MLS	EH2701; Gy2824
EH132	The Sources and Historiography of the Economic History of England, 1350-1500 — Seminar Dr. A. R. Bridbury	25/MLS	EH2600
EH133	The Sources and Historiography of the Economic History of England in the 17th Century — Seminar <i>(Not available 1986-87)</i> Dr. P. Earle	25/MLS	EH2605
EH134	The Sources and Historiography of British Economic History from the later 18th Century — Seminar Professor T. C. Barker and Dr. W. P. Kennedy	24/MLS	EH2610
EH135	Workshop in Economic History Research Dr. W. P. Kennedy and Professor T. C. Barker	12/MLS	EH135
EH136	The Sources and Historiography of the Economic History of the U.S.A., 1890-1930 — Seminar Mr. J. Potter	30/MLS	EH2615
EH137	The Economic History of Western Europe Since 1945 Professor A. Milward		EH2716

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
EH138	Economic History of the 16th and 17th Centuries — Seminar Dr. P. Earle	12/MLS	EH138
EH139	Seminar on Modern Economic History Professor T. C. Barker, Professor L. Hannah and Mr. M. Falkus	10/ML	EH139
EH140	The Population of the United States of America from Colonial Times to the Present Mr. J. Potter	25/MLS	EH2710
EH141	Economic History of the U.S.A. since 1873 — Seminar Mr. J. Potter	24/MLS	EH2660
EH142	Aspects of Latin American Economic History Since Independence — Seminar Dr. C. M. Lewis	26/MLS	EH2715
EH143	Quantitative Economic History Discussion Group Mr. D. E. Baines, Dr. W. P. Kennedy and Professor Floud	12/MLS	EH143
EH144	Modern Business History — Seminar Professor L. Hannah	10/M	Ac2002; Ac2003
EH145	The Latin American Experience of Economic Imperialism Dr. C. M. Lewis	24/ML	EH2780
EH146	Growth, Poverty and Policy in the Third World Since 1850 Dr. C. M. Lewis, Dr. G. G. Jones and Mr. M. Falkus	25/MLS	EH2790
EH147	The Brazil Workshop Dr. C. M. Lewis	12/MLS	EH147
	Long Essay in Social or Economic History All members of the Economic History Department		EH1799

Study Guides**EH111****Introduction to Quantitative Methods in Economic History**

Teachers Responsible: Mr. J. Potter, Room C420 and Dr. W. P. Kennedy, Room C319 (Secretary, C321, Ext. 2791)

Course Intended Primarily for B.Sc. (Econ.) Part II; graduate students in Economic History and others interested.

Syllabus: Will be given during the course.

Teaching Arrangements: 22 lectures (EH111), Sessional.

Recommended Reading: Will be given during the course.

Examination Arrangements: This course is not examined.

EH135**Workshop in Economic History**

Teachers Responsible: Professor T. C. Barker, Room C215, Dr. W. P. Kennedy, Room C319 and others (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for Research students and M.Sc.

Teaching Arrangements:

(i) For Research students:
Fortnightly, Michaelmas and Lent Terms.

(ii) For M.Sc.:
Fortnightly. Sessional.

Examination Arrangements: This course is not examined but is intended to assist research students in the writing of their theses and M.Sc. students in the preparation of their reports.

EH138**Economic History of the Sixteenth and Seventeenth Centuries (Seminar)**

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for Research students.

Teaching Arrangements: Fortnightly seminars (EH138), Michaelmas, Lent and Summer Terms, at the Institute of Historical Research.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

EH139**Seminar on Modern Economic History**

Teachers Responsible: Professor T. C. Barker Room C215 and Mr. M. E. Falkus, Room C314 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for Research students.

Teaching Arrangements: Fortnightly seminars (EH139), 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 Ms. Jenny Law.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

EH143**Quantitative Economic History Discussion Group**

Teachers Responsible: Dr. W. P. Kennedy, Room C319 and Mr. D. E. Baines, Room C414 (Secretary, C321, Ext. 2791) and Professor R. Floud, Birkbeck College.

Course Intended Primarily for any interested students.

Teaching Arrangements: Fortnightly seminars (EH143), Sessional.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

EH147**Brazil Workshop**

Teacher Responsible: Dr. C. M. Lewis, Room C320 (Secretary, Mrs. T. Truman, C321, Ext. 2790)

Course Intended Primarily for Research students.

Teaching Arrangements: Fortnightly seminars (EH147), Sessional.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

EH1600**Economic History of Great Britain and the USA 1850-1939**

Teachers Responsible: Mr. D. E. Baines, Room C414 and Mr. J. Potter, Room C420 (Secretary, Mrs. Tess Truman, C321, Ext. 2790).

Course Intended Primarily for B.Sc. (Econ.) Part I but it may be taken at Part II level and General Course. Scope: The course compares the economic development of Britain and the USA and the changes in the relationship between them. The course also examines the growth of the international economy and its breakdown after the First World War.

Syllabus: The British and American economies in 1850. The effects of differences in their economic and social environment. The Southern slave economy. The long and short run effects of the American Civil War in the USA. Changes in the economic relationships between the two countries. The causes of westward expansion in the USA. The growth of an international market in agricultural products and its effects on the British and American economies. The finance of industry in Britain and America. Reasons for the dominance of British trade before the First World War. The relative efficiency of British and American industry and the growth of mass production. The causes and consequences of immigration into the USA. The long and short run effects of the First World War. Changes in the role of government. The British and American economies in the 1920s. The causes of the American slump of 1929 and the international crisis. British and American recovery from the 1930s depression. A comparison of the growth of trade unions.

Pre-Requisites: There are no formal pre-requisites for the course and no previous knowledge is assumed. It is assumed that most students will also concurrently be following a course in economics.

Teaching Arrangements: Lectures: There is one lecture course (EH100) with 24 lectures in the Michaelmas, Lent and Summer Terms. The lectures are shared by **Mr. Baines** and **Mr. Potter**. **Mr. Baines** lectures on Britain and the international economy and **Mr. Potter** on the USA – usually in alternate weeks. A lecture programme will be circulated at the first meeting.

Classes: The lectures are accompanied by weekly classes (EH100a) sessional. Classes are given by several different teachers. They do not necessarily deal with the same topics each week but they all cover the same ground.

Written Work: Students are expected to present five essays or class papers during the year.

Reading List: The following are particularly useful. B. W. Poulson, *Economic History of the United States*; R. M. Robertson & G. M. Walton, *History of the American Economy*; P. Mathias, *The First Industrial Nation*; D. H. Aldcroft, *The British Economy Between the Wars*.

Other useful books are:

A. G. Kenwood & A. L. Locheed, *The Growth of the International Economy, 1820-1960*; J. Foreman-Peck, *A History of the World Economy*; J. Potter, *The American Economy between the World Wars*; M. Jones, *American Immigration*; E. Hobsbawm, *Industry and Empire, 1750-1950*; A. W. Coats and R. M. Robertson (Eds.), *Essays in American and Economic History*; L. J. Williams, *Britain and the World Economy, 1919-70*; A. Milward, *The Economic Effects of the World Wars on Britain* (Pamphlet); P. Fearon, *The Origins of the Great Slump, 1929-33* (Pamphlet); R. Floud & D. McCloskey (Eds.), *The Economic History of Britain Since 1700 Volume 2 1860 to the 1970s*.

(There is a fuller reading list available and list of class topics in the Library.)

Examination Arrangements: There is a 3 hour examination containing 10 questions of which 4 have to be answered. About half of the questions are comparative.

Both Part I and Part II students take the same examination but Part II candidates are marked to a higher standard.

Past examination papers are available from C419.

EH1601

Modern British Society in Historical Perspective

Teacher Responsible: Professor T. C. Barker, Room C215 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for B.Sc. (Econ.) Part I students.

Scope: The course examines in outline the historical background to the institutions and problems of present-day British society.

Syllabus: The course is in two parts. The first part provides an outline of British economic and social history since c. 1700, concentrating particularly on the past hundred years; the second part examines various

modern institutions and problems in their historical context. Social, economic and demographic background to the Industrial Revolution; social and economic effects of the Industrial Revolution; the demographic transition after 1870; changes and problems in British society and economy, 1870-1914; effects of World Wars on British society; the interwar years; social and economic change and problems since the Second World War; the changing nature of poverty; rise of big business; immigration; trade unions; unemployment; the growth of leisure and the media; motorization; changing role of women; class; the State and society.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Weekly lectures (EH101) will be given by a variety of lecturers, each of whom is a specialist in his subject.

Classes: Each lecture is followed by a class (EH101a) in which students will have the opportunity to discuss the lecture, having read further about its subject-matter in the interval. Each class will have the same teacher throughout the session. Students are expected to prepare essays to be handed in at class and marked by class teachers. Each student should write four or five essays in the session.

Reading List: There is no single textbook which covers the whole course satisfactorily and the lectures themselves are intended to serve this purpose. The following is a list of general books which can be used to provide background to the detailed readings which are provided for each week's class topic.

E. H. Hunt, *British Labour History, 1815-1914*; Theo Barker & Michael Drake (Eds.), *Population and Society in Britain, 1850-1980*; François Bedarida, *A Social History of England, 1851-1975*; Harold Perkin, *Origins of Modern English Society, 1780-1880*; Eric Hobsbawm, *Industry and Empire: an Economic History of Britain since 1750*; S. Pollard, *Development of the British Economy, 1914-67*; A. S. Milward, *Economic Effects of the World Wars on Britain*; A. Marwick, *Britain in the Century of Total War: War, Peace and Social Change, 1900-67*; J. F. Wright, *Britain in the Age of Economic Management*; Eric J. Thompson (Ed.), *Social Trends*, No. 10 (Central Statistical Office 1980); A. H. Halsey, *Change in British Society*.

Supplementary Reading List: A detailed handout will be issued at the beginning of the course. This lists lectures and class topics and the readings for each class. Xeroxed copies of the specified readings will be available on request at the Reserve Counter in the Main Library.

Examination Arrangements: There is a three-hour formal examination after the end of the course in which four questions have to be answered out of a choice of twelve. Previous years' examination papers are available from C419.

EH1620

Economic History of England 1216-1603

Teacher Responsible: Dr A. R. Bridbury, Room C315 (Secretary, Mrs Tess Truman, C321, Ext. 2790)

Course Intended Primarily to be taken as an original

paper by B.Sc. (Econ.) students in their second or third year.

Scope: This paper surveys the interaction of market forces with a feudal social structure that shows what developments took place in town and countryside when violent demographic changes dissolved many feudal ties and industrialisation created new opportunities in society. It then shows how society responded to a renewal of demographic pressure in the sixteenth century.

Syllabus: Manorial structures and estate management; peasant life and village communities; the function and influence of towns; internal and foreign trade; industrial organisation; pestilence and famine; the dissolution of the manorial demesne and the rise of the copyholder; the expansion of clothmaking; the impact of Reformation and enclosure movements on the land; social and economic consequences of inflation and demographic recovery.

Pre-Requisites: No previous knowledge of the subject is necessary.

Teaching Arrangements: The course consists of weekly lectures (EH108) and classes (EH108a) throughout the Michaelmas and Lent Terms. Students are encouraged to hand in short papers on topics prepared for discussion in class as often as they can find time to prepare them. None of these papers is read out in class.

Written Work: At least one thoroughly prepared essay per term.

Reading List: An annotated reading list will be provided at the start of the course. There are two good introductory studies: J. Bolton, *The Medieval English Economy*; E. Miller & J. Hatcher, *Medieval England*. For important work on particular problems, see:

E. M. Carus-Wilson, *Essays in Economic History*, Vol. II; Eileen Power, *The Medieval Wool Trade*; Z. Razi, *Life, Marriage and Death in a Medieval Parish*; R. A. L. Smith, *Canterbury Cathedral Priory*; P. D. A. Harvey, *A Medieval Oxfordshire Village*.

Examination Arrangements: Three-hour formal examination.

EH1626

Society and Economy of Early Modern England

(Not available 1986-87)

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for B.Sc. (Econ.) students specialising in Economic History 2nd year; other B.Sc. (Econ.) students as optional course 2nd or 3rd year. **Scope:** The course examines in outline the social and economic history of England between the late sixteenth and early nineteenth centuries.

Syllabus: Demography, social structure and mobility; village life and town life; the family and the role of women in society; education, literacy, popular culture and recreation; ideology and mentality, law and order, crime and social conflict. The organization of work and

the labour market; agriculture, protoindustrialization, urbanization and the beginning of industrialization; inland and foreign trade and communications and the growth of a consumer society.

Pre-Requisites: None.

Teaching Arrangements:

Lectures: Weekly lectures (EH102 ML) given by **Dr. Earle**.

Classes: Weekly classes (EH102a ML) also given by **Dr. Earle**.

Some classes are broadly linked to the lectures, some are designed to cover topics not discussed in lectures. Each week, two or more students are required to prepare a paper and to lead a discussion on a specific topic. Each student is expected to do some background reading for each class and to prepare four or five papers in the course of the session.

Reading List: There is no satisfactory textbook covering the whole course. Textbooks, both in social and economic history tend to cover either the period up to about 1700 or the period of the Industrial Revolution (roughly 1700-1850). Students are recommended to buy at least two textbooks to cover the whole period but to make their choice after they have sampled the books in the library. Peter Laslett, *The World We Have Lost*; Keith Wrightson, *English Society, 1580-1680*; B. A. Holderness, *Pre-Industrial England: Economy and Society, 1500-1700*; M. Anderson, *Approaches to the History of the Western Family, 1500-1914*; L. Stone, *The Family, Sex and Marriage in England, 1500-1800*; Rosemary O'Day, *Education and Society, 1500-1800*; E. A. Wrigley & R. S. Schofield, *The Population History of England, 1541-1871*; D. Cressy, *Literacy and the Social Order: Reading and Writing in Tudor and Stuart England*; Keith Thomas, *Religion and the Decline of Magic: Studies in Popular Beliefs in Sixteenth and Seventeenth-Century England*; M. Spufford, *Small Books and Pleasant Histories: Popular Fiction and its Readership in Seventeenth-Century England*; Peter Mathias, *The First Industrial Nation*; Roy Porter, *English Society in the Eighteenth Century*; R. W. Malcolmson, *Life and Labour in England, 1700-1780*; Harold Perkin, *The Origins of Modern English Society, 1780-1880*; Peter Earle, *The World of Defoe*; Douglas Hay et al., *Albion's Fatal Tree: Crime and Society in Eighteenth-Century England*; J. S. Cockburn (Ed.), *Crime in England, 1550-1800*; E. J. Hobsbawm, *The Age of Revolutions, 1789-1848*; Clive Emsley, *British Society and the French Wars, 1793-1815*; Neil McKendrick (Ed.), *The Birth of a Consumer Society*; Geoffrey Holmes, *Augustan England: Professions, State and Society, 1680-1730*.

Supplementary Reading List: Students should note that most of the books recommended above are textbooks or books of a general nature that provide an introduction to the course. In preparing class papers and essays, students will be expected to be familiar with the more specialized literature – often recent articles in periodicals – on specific topics. A detailed reading list will be handed out together with the list of topics at the beginning of the course.

Examination Arrangements: Three-hour formal examination in the Summer Term.

EH1630

Economic and Social History of Britain from 1815

Teacher Responsible: Dr. E. H. Hunt, Room C415 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; B.A. History students taking the paper British Economic History from the late Eighteenth Century.

Syllabus: The course surveys the main aspects of British economic and social history since, approximately, 1815 with some emphasis upon the reasons for Britain's economic pre-eminence up to the 1870s and the causes of economic decline over the last century. For further details see the list of lecture and class topics available from Dr. Hunt or Jenny Law.

Pre-Requisites: This is a non-specialist survey course taken by second and third-year undergraduates, some of whom are not taking any other courses in economic history. Most of those who take the course have some prior knowledge of Britain's recent history and some acquaintance with economics, but the course has been taken successfully by students with neither.

Teaching Arrangements: Classes (EH103a) and lectures (EH103) are held weekly and students should attend both. Class topics are generally complementary to the lecture syllabus and some classes supplement particular lectures. For times of classes and lectures, and room numbers, see the posted timetables.

Written Work: A minimum of 4 essays or written class papers is required.

Reading List: The course reading list is deposited in the Library and copies are available from Dr. Hunt or Jenny Law. As in most history courses, students are not expected to read deeply upon every part of the syllabus, but to read selectively, concentrating upon topics appropriate to their academic and vocational interests. For this reason there is no "minimal reading list" although the books and articles 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 the Main Library. Recommended general books, of interest to students who want to anticipate, or to sample, the course, are the following. These are also the books that students are most likely to find worth buying.

P. Mathias, *The First Industrial Nation* (1983); D. H. Aldcroft, *The British Economy Between the Wars* (1983); E. H. Hunt, *British Labour History, 1815-1914*, (1981); L. J. Williams, *Britain and the World Economy, 1919-70* (1971); M. J. Weiner, *English Culture and the Decline of the Industrial Spirit* (1981). The booklets by Alford, Gourvish, Milward, Musson and Saul in the Macmillan *Studies in Economic and Social History* series.

Examination Arrangements: A three hour formal examination in the Summer Term. Four questions to be selected from a wide choice of questions. Past examination papers can be obtained from C419. B.A. History students are examined separately.

EH1631

Family and Community in Britain Since 1830

Teacher Responsible: Dr. Paul Johnson (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for B.Sc. (Econ.) students specialising in Economic History 2nd year; other B.Sc. (Econ.) students as optional course 2nd or 3rd year.

Scope: The course examines the impact on British society of urban growth and industrial development since 1830.

Syllabus: Social change is studied by looking at developments in the structure and function of family and community groups from the early years of the industrial revolution to the modern 'post-industrial' world. Among the topics covered are: Urban development and class formation; children's employment; education and social control; domestic servants and female workers; prostitution and the 'double standard'; middle-class suburban development; town planning; the remaking of the working class 1870-1914; professional sport and commercialised leisure; religion and the decay of urban churches; the people's health; urban poverty and rural romanticism; the decline in fertility and the liberation of women; philanthropy and self-help; municipal socialism; the role of the workplace in community development; the social impact of the First World War; long-run changes in relative welfare; unemployment and demoralisation; holidays and landladies; the mass media; the decline of aristocratic influence; 'traditional' communities and the rise of the nuclear family; the welfare state.

Pre-Requisites: None.

Teaching Arrangements: There are weekly lectures (EH104) and classes (EH104a) in the Michaelmas and Lent Terms. A list of class topics will be distributed at the start of the course.

Reading List: A detailed reading list covering class and lecture topics will be handed out at the start of the course. Students are not expected to look at all the works listed, but they should cover their selected topics in considerable depth. The following books provide a brief introduction to the course: Theo Barker & Michael Drake (Eds.), *Population and Society in Britain, 1850-1980*; Francois Bedarida, *A Social History of England, 1851-1975*; A. H. Halsey, *Change in British Society*; Paul Thompson, *The Edwardians*; John Scott, *The Upper Classes*; Standish Meacham, *A Life Apart*; J. H. Treble, *Urban Poverty in Britain*; Robert Roberts, *The Classic Slum*; Maud Pember Reeves, *Round About A Pound a Week*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 12 questions, any four of which are to be attempted.

EH1641

Economic History of the USA from 1783

Teacher Responsible: Mr. J. Potter, Room C420 (Secretary, C321, Ext. 2791)

Course Intended Primarily for B.Sc. (Econ.) VIII

Economic History; B.Sc. (Econ.) Other Part II students; B.Sc. c.u.

Scope: Following a brief introduction to the American economy during the Colonial Period, the course examines American economic experience as a case study in economic development and studies the main themes of American economic history from the achievement of nationhood to the present.

Syllabus: Economic problems and policies in the first decades of the American republic. Consideration of factors influencing American economic development before and during the Civil War; the frontier and access to natural resources; supply of capital and the evolution of financial institutions; supply and recruitment of labour; invention and innovation.

Developments in transport, agriculture and industry; the financing and construction of canals and railroads; the disposal of public lands and the westward movement; the first phase of growth in manufacturing. Governments and economic life; federal and state finance; role of governments in the growth of the economy. The USA and the outside world; Atlantic economy; trade and shipping; migration and capital importation; economic fluctuations.

The aftermath of the Civil War. The completion of railroad building and territorial settlement. Agricultural expansion: foreign and domestic markets.

Population: immigration; geographic dispersion and occupational structure; labour and trade unions.

Regional variations: economic problems of the agrarian West and South; growth of industries in new areas; distribution and marketing. The capital market. Urbanisation. The rise of modern industry in the U.S.A.; changes in industrial structure; mass production and mass marketing. New means of transport and new forms of industrial energy.

Role of governments in economic life. Protest movements; populism and progressivism and the response of government. The First World War and its consequences. The U.S. economy in the 1920s: achievements and problems. Economic and other aspects of the New Deal. The American economy since 1945.

Pre-Requisites: An outline knowledge of American history is desirable, but not essential. Similarly, familiarity with simple economic concepts is desirable, but not essential. B.Sc. (Econ.) Part II students who have taken the course EH100 as Part I (**The Economic History of Great Britain and the USA 1850-1939**) are not debarred from taking this course at Part II, but EH100 is not an essential pre-requisite. General Course students may take both EH100 and EH106.

Teaching Arrangements: The course is divided into three parts and students taking the final examination must take all three parts. Part i and Part ii of the course are available to Single-Term students during the Michaelmas and Lent Terms respectively.

Part (i) 1790-1865; Michaelmas Term: one lecture and one class per week.

Part (ii) 1865-1930; Lent Term: one lecture and one class per week.

Part (iii) since 1930; Summer Term: Four or more meetings of 1½ hours consisting of talks on selected topics by different speakers followed by discussion;

meetings held thrice weekly during the first three weeks of the Summer Term. Classes will also continue for the first four weeks of the Summer Term.

Lectures (EH106) and classes (EH106a) for Part (i) and Part (ii) of the course are given by Mr. Potter. In Part (iii) of the course lectures will also be given by outside speakers.

Written Work: All students joining the classes for the course will be required to give class papers and submit written essays to their class teacher.

Reading List: (Textbooks)

W. Brownlee, *Dynamics of Ascent: History of the American Economy* (2nd edn.), 1979; L. W. Davis, J. R. T. Hughes & D. M. McDougall, *American Economic History*, 1961; L. E. Davis & others, *American Economic Growth*, 1972; E. C. Kirkland, *A History of American Economic Life* (4th edn.), 1969; S. P. Lee & P. Passell, *A New Economic View of American History*, 1979; A. W. Niemi, *U.S. Economic History* (2nd edn.), 1980; B. W. Poulson, *Economic History of the United States*, 1981; R. M. Robertson & G. M. Walton, *History of the American Economy*, 1979; H. N. Schieber, H. G. Vatter & H. U. Faulkner, *American Economic History*, 1976; S. Ratner, J. H. Soltow & R. Sylla, *The Evolution of the American Economy*, 1979.

Examination Arrangements: One three-hour examination held in June. The examination paper consists of twelve questions out of which any four must be answered.

EH1643

A Comparative Study of Modern Economic Development in Russia, Japan and India

Teachers Responsible: Mr. M. E. Falkus, Room C314, Dr. Geoffrey Jones, Room C313 and Dr. Janet Hunter, Room C522 (Secretary, C321, Ext. 2791)

Course Intended Primarily for B.Sc. (Econ.) 2nd or 3rd Year.

Scope: The paper surveys the economic development of Russia, India and Japan over the last two hundred years.

Syllabus: The course will cover the broad trends in the economic development of Russia, Japan and India during the 19th and 20th centuries. The emphasis will be comparative, and the course will concentrate on the particular problems of economic growth. Particular attention will be paid to the impact of the international economy, and to the political environment in which development has taken place.

Pre-Requisites: None.

Teaching Arrangements: Lectures: There are weekly lectures (EH109) in the Michaelmas, Lent and Summer Terms. These lectures are designed to provide a course outline, and attendance is strongly advised.

Classes: There are also weekly classes (EH109a), which are broadly linked to the lectures but which are designed to discuss topics in more detail than the lectures. The general format is that in each class a student presents a paper on a specific topic, which is followed by a general discussion. Attendance at every weekly class is expected, and students are also expected

to have some background reading before the class. A list of the class topics covered in the course, and the recommended reading for each topic, will be given out at the first class of the course. The teachers may cover different topics in their classes, a procedure which helps to reduce pressure on specific reading material in any one week. The teachers are available to see students during their office hours (see notices on their doors), or at other times by appointment.

Written Work: Students will be expected to present one essay to their class each term, which will be handed in for marking after the class. In addition, students are encouraged to write at least two other essays during the course.

Reading List: There is no general textbook covering the whole course. However, there are a number of books providing good general surveys of the economic development of the three countries (those marked with an asterisk* are in cheap paperback editions and the student may find it convenient, although not absolutely necessary to purchase their own copies).

*G. C. Allen, *A Short Economic History of Modern Japan*; *N. Charlesworth, *British Rule and the Indian Economy, 1800-1914*; P. Chaudhuri, *The Indian Economy: Poverty and Development*; *M. Falkus, *The Industrialisation of Russia, 1700-1914*; *J. Hirschmeier & T. Yui, *The Development of Japanese Business* (2nd ed., 1981); W. W. Lockwood, *The Economic Development of Japan*; T. Nakamura, *The Postwar Japanese Economy*; *A. Nove, *An Economic History of the USSR*; *R. K. Ray, *Industrialisation in India, 1914-1947*; B. R. Tomlinson, *The Political Economy of the Raj, 1914-1947*.

Supplementary Reading List: It is important for students to note that the books on the recommended reading list are only designed to provide a general introduction to the course. In preparing class papers and essays, student will be expected to be familiar with the more specialised literature – often recent articles in journals – on specific topics. The class reading lists circulated at the beginning of the year will provide the references to this literature.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 17 questions, of which four are to be answered. About one quarter of the questions are comparative, and the rest of the questions are on one of the three countries. The questions are closely related to the topics covered in the classes. Copies of previous years' papers are available from C419.

EH1644

Latin America and the World Economy

Teacher Responsible: Dr. Colin M. Lewis, Room C320 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for B.Sc. (Econ.), B.Sc. c.u.
Scope: The course examines the nature of Latin America's evolving relationship with the international economy since the mid-nineteenth century.

Syllabus: Locating current development problems within an historical context, the programme will test recent controversies – from the dependency debate to the discussion about the new international economic order – with reference to specific issues and case-

studies. The principal themes addressed include: the political economy of incorporation within the world economy – alternative development strategies; domestic structures and patterns of overseas trade; population and natural resource; urbanisation; migration and social change; agriculture – land usage and agrarian reform; industrialisation – national capital and multinational corporations; wars, depressions and crises; the state, ECLA and regional co-operation; foreign economic policy; authoritarian regimes – economic policies and performance.

Pre-Requisites: None.

Teaching Arrangements: Parallel programme of lectures (EH110) and class (EH110a) (one hour each per week) MLS.

Lectures: Weekly data handouts.

Classes: Weekly pre-circulated synopses of discussion topics.

Written Work: Four items of written work (class papers/vacation essays) to be produced during the session.

Reading List: C. Abel & C. M. Lewis (Eds.), *Latin America: Economic Imperialism and the State*; B. Albert, *South America and the World Economy*; F. H. Cardoso & E. Faletto, *Dependency and Development in Latin America*; K. Duncan, & I. Rutledge (Eds.), *Lands and Labour in Latin America*; E. Duran (Ed.), *Latin America and the World Recession*; R. French-Davis & E. Tironi (Eds.), *Latin America and the New International Order*; E. V. K. Fitzgerald et al., *The State and Economic Development in Latin America*; C. Furtado, *Economic Development of Latin America*; S. Griffith-Jones, *International Finance and Latin America*; A. O. Hirschman, *A Bias for Hope*; R. Thorp (Ed.), *Latin America in the 1930s*.

Supplementary Reading List: Detailed biographies will be distributed in connection with the lecture.

Examination Arrangements: One three-hour examination.

EH1660

Modern British Business in Historical Perspective

Teacher Responsible: Dr. Geoffrey Jones, Room C313 (Secretary, C321, Ext. 2791)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Acct.; Dip. Bus. Studies; others welcome.

Syllabus: This course attempts to integrate the writings of economists, sociologists, historians and others on the rise of "managerial capitalism" in the context of the twentieth century history of British business. Comparisons are made with the experience of other countries, particularly with Germany and America. Topics include the historical background to the rise of the corporate economy; advantages and disadvantages of large scale enterprise; rising industrial concentration; the divorce of ownership and control; multinationals; technology and science in business; the role of the state; the professionalisation of management and the recruitment of business leaders; developments in labour management; and the social responsibility of business. The course includes case studies of major

British firms as well as a thematic treatment of major issues in interpreting the modern corporation.

Pre-Requisites: None.

Teaching Arrangements: EH107 weekly lectures from the 1st week of the Michaelmas Term to the 5th week of the Summer Term. The first term focuses on Britain's economic decline and the background to British business history; subsequently more specific themes are investigated. As no textbook for this new topic is available, lectures are essential.

EH107a classes related to the above, starting in the second week of the Michaelmas Term.

Written Work: Two orally-delivered papers and two separate written essays are required from each student in connection with the seminars.

Reading List: A full list will be distributed at the opening lectures and classes. It is also available from the Economic History Department (C321 where there is also a selection of the reading available) and the Business History Unit (R427).

The following are among the major recommendations: A. D. Chandler & H. Daems (Eds.), *Managerial Hierarchies*; J. Child, *The Business Enterprise in Modern Industrial Society*; C. Erickson, *British Industrialists: Steel and Hosiery, 1850-1950*; L. Hannah, *The Rise of the Corporate Economy*; S. J. Prais, *The Evolution of Giant Firms in Britain*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; B. Supple (Ed.), *Essays in British Business History*; J. F. Wright, *Britain in the Age of Economic Management: An Economic History Since 1939*.

Examination Arrangements: There is a three-hour final examination in the Summer Term for the B.Sc. (Econ.). 4 out of 17 questions must be answered, and the assessment for the course is based upon the examination.

EH1720

EH2640

Economic and Social History of England 1377-1485

Teacher Responsible: Dr. A. R. Bridbury, Room C315 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for B.Sc. (Econ.) Part II students and for M.Sc. students.

Scope: This course examines the adaptation forced upon the feudal structure by the violent demographic upheavals caused by the Black Death. It studies the effects of these upheavals upon each of the classes of society as well as upon the towns and upon government interests. And it surveys the economy that emerged from this fourteenth-century crisis, its demography, its village life, its commercial and industrial developments, its conflicts, and its regulation by central and local government.

Syllabus: Wage and price history; labour legislation; popular disturbances; the disappearance of the manorial demesne; changes in farming patterns; industrial development; urban protest and renewal; the life-style of the aristocratic, middle and peasant classes in the fifteenth-century; the Black Death as a demographic regulator; foreign policy and government

finance; economic and social implications of foreign and civil war; the regulation of economic and social life; the role of aliens.

Pre-Requisites: It would be an advantage to have taken the paper *Economic History of England 1216-1603* before tackling this special subject.

Teaching Arrangements: There are 24 weekly classes (EH113) only.

Written Work: At least two thoroughly prepared essays per term.

Reading List: A full reading list will be provided at the start of the course.

Examination Arrangements: The examination consists of one three-hour paper.

EH1726

The Economy and Society of London, 1600-1800

(Not available 1986-87)

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for B.Sc. (Econ.) students specializing in Economic History 3rd year. Other students are welcome.

Scope: Social, economic and some cultural history of London in the seventeenth and eighteenth centuries. A specialized course which requires wide reading in contemporary printed sources.

Syllabus: Demography, immigration, health and medicine; economic growth and change, the industries of London, finance, banking and the rise of the City, inland trade and inland transport, the port and overseas trade, changes in consumption and the retail business; the rise of the professions, the merchant community, artisans and journeymen, poor relief and charity; apprenticeship, changing roles of London Livery Companies, government of the metropolis; topography, building, social structure and social geography; education and the growth of literacy; crime and police; the rise of the newspaper, entertainment and the commercialisation of leisure.

Pre-Requisites: Undergraduates are expected to have taken the course *Society and Economy of Early Modern England* in their second year.

Teaching Arrangements: Two-hour seminars (EH114) in C422. Time to be arranged at beginning of session.

Reading List: Very wide reading in both modern historical literature and in contemporary printed sources is necessary for success in this course. The list below is designed to provide a general background only. A. L. Beier & Roger Finley (Eds.), *The Making of the Metropolis: London, 1500-1700* (1986); N. Brett-James, *The Growth of Stuart London* (1935); J. Summerson, *Georgian London* (3rd edn., 1978); G. Rude, *Hanoverian London, 1714-1808* (1971); D. George, *London Life in the Eighteenth Century* (1925); R. Finlay, *Population and Metropolis* (1981); P. G. M. Dickson, *The Financial Revolution in England* (1967); P. Earle, *The World of Defoe* (1976); G. Holmes, *Augustan England: Professions, State and Society, 1680-1730* (1982); N. McKendrick, *The Birth of a Consumer Society* (1982); R. C. Latham & W. Matthews, *Samuel Pepy's Diary* (1970-82); D. Defoe,

A Tour Through the Whole Island of Britain (Everyman, 2 vols., 1927); D. Defoe, *The Complete English Tradesman* (1727); R. Campbell, *The London Tradesman*, (1747).

Supplementary Reading List: A detailed list will be given to students at the beginning of the course.

Examination Arrangements: Three-hour formal examination in which three questions are to be answered.

EH1727

The Peopling of America

Teacher Responsible: Mr. J. Potter, Room C420 (Secretary, C321, Ext. 2791)

Course Intended Primarily for B.Sc. (Econ.) Part II Papers 4 & 5, Special Subject, Economic History, 3rd Year, other B.Sc. (Econ.) options and General Course students. It is possible to write a Project as Paper 6 within the syllabus of the course.

Scope: The course studies demographic aspects of American History since the first Census of 1790. Its intention is to examine the complexities of the question asked by de Crevecoeur in 1782: "What is an American?"

Syllabus: An introduction to the study of the population of America since 1790. Topics studied include: population growth rates and their variations and determinants over time and among regions; natural growth and immigration; the family in American life; age and sex structures, causes and consequences; slavery; ethnic groups, the frontier, internal mobility; urbanisation; the changing role of women. Case studies will be taken from among the topics listed. Emphasis will be placed on changes over time, and on geographical and ethnic diversity.

Pre-Requisites: The course assumes prior knowledge of the main outlines of American history. It will be an advantage, but not a requirement, for students to have taken, or be taking, Course EH106 and/or EH100. Prior knowledge of demographic theories and statistical methods is not necessary, but students are required to make use of statistical materials from the US Censuses.

Teaching Arrangements: The course is taught in seminars (EH115) of 90 minutes, meeting weekly during the Michaelmas and Lent Terms and for about five weeks of the Summer Term.

Lectures: There will be a combination of lectures and student papers throughout the year.

Written Work: All students are expected to submit at least two written essays, and two oral presentations to the class. One of the oral reports is a project based on direct use of one or more of the US Censuses.

Reading List: A full list is provided for all participants. The following bibliography is not inclusive, but is intended to indicate the standard and nature of the course. D. J. Bogue, *Population of the United States* (1985); K. Conzen, *Immigrant Milwaukee, 1836-80* (1976); N. F. Cott & E. H. Pleck (Eds.), *A Heritage of Her Own* (1979); C. N. Degler, *At Odds: Women and the Family in America from the Revolution to the Present* (1980); R. W. Fogel & S. L. Engerman, *Time on the Cross* (1974); C. N. Glaab & T. Brown, *The History of Urban America* (1976); H. G. Gutman, *The*

Black Family in Slavery and Freedom, 1730-1925 (1976); O. Handlin, *Boston's Immigrants, 1790-1865* (1941); T. K. Haroven & M. A. Vinovskis, *Family and Population in Nineteenth Century America* (1978); T. K. Haroven (Ed.), *Anonymous Americans* (1971); M. Holli & P. d'A. Jones, *The Ethnic Frontier* (1977); *Ethnic Chicago* (1981); P. D. McClland & R. J. Zeckhsusen, *Demographic Dimensions of the New Republic* (1982); Yans McLaughlin, *Family and Community: Italian Immigrants to Buffalo, 1880-1930* (1971); T. R. Malthus, *An Essay on the Principle of Population* (1798); H. S. Nelli, *The Italians in Chicago, 1880-1930* (1970); G. Osofsky, *Harlem: The Making of a Ghetto* (1967); J. Potter, "The Growth of Population in America, 1700-1860" in D. V. Glass & D. E. C. Eversley, *Population in History* (1965); C. J. & I. R. Taeuber, *The Changing Population of the United States* (1958); S. Thernstrom, *Poverty and Progress: Social Mobility in a Nineteenth Century City* (1969); Y. Yasuba, *Birth Rates of the White Population in the United States, 1800-1860* (1962).

Examination Arrangements: One three-hour examination taken in June, requiring four questions to be answered.

Project: (Paper 6). The subject must be agreed with Mr. Potter in advance and a typed manuscript submitted to the Examinations Office by 1 May.

EH1728

The Development of the International Economy 1870-1914

Teacher Responsible: Mr. M. Falkus, Room C314 (Secretary, C321, Ext. 2791)

Course Intended Primarily for B.Sc. (Econ.) students specialising in Economic History 3rd year, but other students are welcome.

Scope: The theme of this course is the growth and development of the international economy, concentrating on international trade, capital movements, and migration. Particular attention is paid to the economic relationships which evolved between the developed and less developed area of the world.

Syllabus: The course will involve a study of the commodity and geographical structure of world trade; commercial policy; the development of international communications; the impact of transport improvements; international economic fluctuations and price movements; exports and imports of capital; the international currency system and the adoption of the gold standard; the 'staple' approach to the development of temperate lands; international migration; the international diffusion of innovation; the economic policies of colonial powers; the concept of "centre and periphery" in development; the spread of international labour movements; the early growth of multinational companies.

Teaching Arrangements: 25 weekly seminars, (EH116).

Reading List: A detailed reading list will be given at the beginning of the course. The following is an introductory guide: A. Kenwood & A. Lougheed, *The Growth of the International Economy, 1820-1960* (1971); W. Ashworth, *A Short History of the International Economy since 1850* (3rd edn.,

1975); W. Woodruff, *Impact of Western Man* (1966); M. R. Davie, *World Immigration* (1936); J. B. Condliffe, *The Commerce of Nations* (1951); M. de Cecco, *Money and Empire: The International Gold Standard, 1890-1914* (1974); D. A. Farnie, *East and West of Suez: The Suez Canal in History* (1969); H. Feis, *Europe, the World's Banker, 1870-1914* (1930); A. J. Latham, *The International Economy and the Underdeveloped World, 1865-1914* (1978); M. E. Fletcher, "The Suez Canal and World Shipping" *Journal of Economic History*, 18, (1958); A. R. Hall (Ed.), *The Export of Capital from Britain, 1870-1914* (1968); W. A. Lewis (Ed.), *Tropical Development, 1880-1913* (1970); P. Lamartine Yates, *Forty Years of Foreign Trade* (1959); S. B. Saul, *Studies in British Overseas Trade, 1870-1914* (1960); C. G. Simkin, *The Traditional Trade of Asia* (1968); J. Forbes Munro, *Africa and the International Economy, 1800-1969* (1976); B. Thomas, *Migration and Economic Growth* (2nd edn., 1973).

Examination Arrangements: Three-hour formal examination.

EH1729

Life and Labour in London, 1880-1920

Teacher Responsible: Dr. Paul Johnson, Room C413 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for B.Sc. (Econ.) students specializing in Economic History 3rd year. Other students are welcome.

Scope: The aim of this third-year course is to integrate the different aspects of social, economic and urban history by studying the development of London from the late Victorian period to the end of the First World War. Social life in the capital will be looked at by reference to the physical structure of the city and the economic functions of its inhabitants. Much of the course work will be based on original source material held in the L.S.E. Library.

Syllabus: The course will begin by examining the economic foundation of London life, the labour market, focusing on casual work and the sweated trades. It will move on to study some of the social consequences of the economic environment - poverty, overcrowding and disease - making particular use of Charles Booth's major survey of social life in the capital. Responses to social distress from charitable and religious organizations will be looked at, as will some of the broader changes in sanitation, housing and suburban development. The internal dynamics of working class community life will be examined by studying the growth of pubs and music halls, and by looking at the impact of Jewish immigration into East London. The complexity of class division will be seen through the actions of progressives in London County Council politics, the popular response to state events like coronations and funerals, and the ambivalent literary image of the East End purveyed by popular writers. The course will conclude with an assessment of the impact of the Great War on economic and social life in London.

Pre-Requisites: Undergraduates will normally be expected to have taken in their second year either *Economic and Social History of Britain from 1815*

(EH1630) or *Family and Community in Britain since 1830* (EH1631).

Teaching Arrangements: There will be twenty two-hour (EH120) seminars in Michaelmas and Lent Terms. During the course, students will be expected to write 4 papers.

Reading List: A detailed reading list will be given to students at the beginning of the course; the books listed below will provide a good introduction:

Gareth Stedman Jones, *Outcast London* (1971); Donald J. Olsen, *The Growth of Victorian London* (1976); Anthony S. Wohl, *The Eternal Slum* (1977); Paul Thompson, *Socialists, Liberals and Labour* (1967); H. J. Dyos, *Victorian Suburb* (1961); Asa Briggs, *Victorian Cities* (1963); Raphael Samuel, *East End Underworld* (1981); Jerry White, *Rothschild Buildings* (1980).

Examination Arrangements: There will be a three-hour formal examination in the Summer Term, in which three questions are to be answered.

EH1740

EH2655

Britain and the International Economy 1919-64

(Not available 1987-88)

Teacher Responsible: Mr. D. E. Baines, Room C414 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for B.Sc. (Econ.) Part II Special Subjects Economic History, and Economics and Economic History 3rd year.

Other B.Sc. (Econ.) options.

M.Sc. Economic History.

Other students may attend with permission.

Scope: The course examines the development of the British economy since the First World War; the main changes in the international economy and their effect on Britain.

Syllabus: The long run effects of the First World War on Britain. The Gold Standard. Long run trends in British economic performance. The World Financial Crisis and the decline of international trade in the 1930s. British recovery in the 1930s and the significance of government policy. Changes in economic thought and its implementation. The nature of the war economy 1939-45. Bretton Woods and the post-war financial settlement. The United States in the World Economy. Economic management under the post-war Labour and Conservative governments. International trade and the Third World. The comparative economic performance of European countries. Housebuilding and housing policy. Regional income differentials. Trends in the structure of industry and business. Changes in social policy and the distribution of income.

Pre-Requisites: There are no formal requirements but students should have some background in economics and/or economic history. This course is a compulsory element in the special subject *Economics and Economic History*. Students taking this option will already have taken at least 2 Economics and 2 Economic History courses. Students will find it helpful to attend the lectures in *Economic and Social History of Britain since 1815*.

Teaching Arrangements: A minimum of 20 2-hour seminars (EH118) in the Michaelmas and Lent Terms. Papers to be discussed are xeroxed and circulated in advance. The M.Sc. and B.Sc. (Econ.) students attend separate classes.

Written Work: Students are expected to present at least 3 papers during the course. In addition, Mr. Baines will set and mark individual essays if required.

Reading List: The reading list is too long to give here but it can be consulted in the Library. There is a main reading list of about 25 books and 15 articles and a supplementary list of a further 60 books and 50 articles. *Some of the most useful books:* (*=probably the best to purchase).

*J. F. Wright, *Britain in the Age of Economic Management*, 1979; *S. Pollard, *The Development of the British Economy, 1914-64*, 1967; R. Nurske, *International Currency Experience*, 1944; *W. M. Scammell, *The International Economy since 1945*, 1980; *C. P. Kindleberger, *The World in Depression, 1929-39*, 1973; B. W. E. Alford, *Prosperity and Depression, 1972*; S. Howson, *Domestic Monetary Management in Britain, 1919-38*, 1975; D. Winch, *Economics and Policy*, 1969; L. Hannah, *The Rise of the Corporate Economy*, 1976; A. S. Milward, *The War Economy, 1939-45*, 1977; G. D. N. Worswick & P. M. Adey, *The British Economy, 1945-50*, 1952; *The British Economy in the 1950s*, 1962; A. K. Cairncross, *Factors in Economic Development*, 1962; J. C. R. Dow, *The Management of the British Economy, 1945-1960*; R. M. Titmuss, *Problems of Social Policy*; H. G. Johnson, *The World Economy at the Crossroads*, 1965; L. J. Williams, *Britain and the World Economy, 1919-1970*, 1971; A. Boltho (Ed.), *The European Economy*, 1982; R. C. O. Matthews, C. H. Feinstein, K. T. C. Odling-Smee, *British Economic Growth, 1856-1973*, 1982; J. Foreman-Peck, *A History of the World Economy*, 1983; A. Milward, *The Reconstruction of Europe, 1945-51*, 1984; G. C. Peden, *British Economic and Social Policy, Lloyd George to Margaret Thatcher*, 1985; K. Williams, J. Williams & D. Thomas, *Why are the British Bad at Manufacturing?*, 1983.

Articles: M. E. Falkus, 'US Economic Policy and the Dollar Gap of the 1920s' *Economic History Review*, 1971; J. Dowie, 'Growth in the Inter-War Period: Some More Arithmetic' *Economic History Review*, 1968; D. Williams, 'London and the 1931 Financial Crisis' *Economic History Review*, 1963; R. Nurkse, 'International Investment Today in the Light of Nineteenth Century Experience' *Economic Journal*, 1954; R. C. O. Matthews, 'Why Growth Rates Differ' *Economic Journal*, 1969.

Examination Arrangements: There is one 3 hour examination. The paper for B.Sc. (Econ.) students is taken in June. It contains about 16 questions of which 3 are to be answered. The paper for the M.Sc. students is taken in September. It contains about 12 questions of which 3 are to be answered. Past examination papers are available from C419.

EH1750

Problems in Quantitative Economic History

Teacher Responsible: Dr. W. P. Kennedy, Room C319 (Secretary, C321, Ext. 2791)

Course Intended Primarily for B.Sc. (Econ.) Part II - Special Subject, Economics and Economic History.

Scope: The course is designed to encourage independent research work and to aid students in the preparation of an essay of approximately 10,000 words on a topic of their choice within the broad field of quantitative economic history.

Syllabus: A general consideration of the analytical formalization of problems in economic history followed by detailed examination of the research work of individual students.

Pre-Requisites: Intermediate level economic and statistical analysis.

Teaching Arrangements: The course is taught over a two-year period in a series of fortnightly seminars (EH117), each 1½ to 2 hours long. In the five seminars held in the Michaelmas Term, second-year students attempt to evaluate various analytical arguments that have been advanced to account for selected aspects of economic experience over the last two centuries and to assess the quantitative significance of the various arguments and their supporting assumptions. Beginning in the Lent Term, the fortnightly seminars are attended by both second and third-year students and are devoted to consideration of the research projects of the third-year students. During the Michaelmas Term, third-year students will have been preparing preliminary drafts of their project and discussing their work individually with the course supervisor. The remaining seminars in each Session will be devoted to consideration of possible research topics by second-year students, enabling them to begin fruitful work sometime during the long vacation before their final year.

Written Work: In the Lent Term, second year students will be expected to complete several exercises, most of which will require the use of computer packages. For the final seminars of each Session, second-year students must present brief outlines (3-5 pages in length) of their proposed project, although they are not bound subsequently to adhere to that outline. Third-year students are expected to provide members of the Seminar with preliminary drafts of their projects.

Reading List: Each student is expected to prepare for himself or herself, in consultation with the course supervisor and other members of staff, the bibliography for his or her project. The readings used by second-year students during the Michaelmas Term are as follows: N. F. R. Crafts, 'English Economic Growth in the Eighteenth Century: A Re-Examination of Deane and Cole's Estimates' *Economic History Review*, Vol. 29, May, 1976, 226-235; D. N. McCloskey, 'Did Victorian Britain Fail?' *Economic History Review*, Vol. 23, December, 1970, 446-459; S. B. Webb, 'Tariffs, Cartels, Technology and Growth in the German Steel Industry, 1879-1914' *Journal of Economic History*, Vol. 40, June, 1980, 309-329; J. M. Stone, 'Financial Panics: Their Implications for the

Mix of Domestic and Foreign Investments of Great Britain.' *Quarterly Journal of Economics*, Vol. 85, May, 1971, 304-326; M. Edelstein, 'Rigidity and Bias in the British Capital Market, 1870-1913', in D. N. McCloskey (Ed.), *Essays on a Mature Economy: Britain after 1840* (London: Methuen, 1971) 83-105; N. F. R. Crafts, 'Gross National Product in Europe, 1870-1910: Some New Estimates', *Explorations in Economic History*, Vol. 20, October, 1983, 387-401; J. Kmenta and J. G. Williamson, 'Determinants of Investment Behaviour: United States Railroads, 1872-1941', *Review of Economics and Statistics*, Vol. 48, May, 1966, 172-181; L. Neal, 'Investment Behaviour by American Railroads: 1897-1914', *Review of Economics and Statistics*, Vol. 51, May, 1969, 126-135.

Examination Arrangements: The assessment for the course is based entirely on an essay of approximately 10,000 words in length submitted to the Examinations Office on the first working day of May in the student's final year. The final choice of subject, after discussion with the course supervisor, is the student's responsibility.

EH1770

The Economy of England 1350-1500

Teacher Responsible: Dr. A. R. Bridbury, Room C315 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for B.A. History students in their second and third years taking this as their special subject.

Scope: This course and the syllabus for it are very much the same as for the B.Sc. (Econ.) special subject: **Economic History of England 1377-1483**. There is this difference that the course is taught, as far as possible, from printed documents, and, as far as possible, from translated documents or documents originally written in English.

Pre-Requisites: No previous knowledge of the subject is required or presumed.

Teaching Arrangements: There are weekly classes (EH119) starting at the beginning of the Summer Term of the second year and continuing in term-time until the end of the following Lent Term.

Written Work: At least two essays per term.

Reading List: A full reading list is provided at the start of the course.

Examination Arrangements: The examination consists of one paper and a long essay of not more than 5,000 words. The choice of essay is only limited by feasibility and the essay is supervised throughout its period of preparation.

EH1799

Long Essay in Social or Economic History

Teachers Responsible: All members of the Economic History Department (Departmental Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for all students specializing in Economic History for B.Sc. (Econ.). Compulsory course (Paper 6 in new syllabus).

Scope: The subject of the Essay should relate broadly to one of the courses chosen under Papers 1 to 5.

Selection of Title: The title of the Essay should be approved by the candidate's tutor or the class-teacher of the relevant course under Papers 1 to 5 and a note of the title should be given to Jenny Law (C419) before the end of the Michaelmas Term in the final year.

Arrangements for Supervision: There is a limit to the amount of help that your tutor or class-teacher can give, but s/he is free to advise up to the writing of the first draft. After reading the first draft, s/he may draw attention to any points that are thought to require it. Subsequent work is entirely the candidate's own responsibility.

Examination Arrangements: The completed Essay must be handed in by 1 May in the final year. After being marked, the Essay will not be returned to the candidate who should make a copy before handing the Essay in. The Essay must not exceed 10,000 words in length and should be typewritten in double spacing on one side of the paper only. Appendices, bibliography, footnotes and tables are not included in this total, but they should be kept brief. Candidates should note that examiners will expect footnotes and bibliography to be presented in a scholarly way.

EH2600

The Sources and Historiography of the Economic History of England 1350-1500

Teacher Responsible: Dr. A. R. Bridbury, Room C315 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for M.Sc. and all interested graduate students.

Scope: This course examines the main economic and social features and developments of the period from the point of view of the documentary sources with the object of finding out what we can hope to discover from them and what we can expect them to tell us. It then turns to modern writers in order to show how variously these sources have been interpreted in the last hundred years.

Syllabus: Demographic trends; the farming scene; village life; industrial change; urban developments; internal and foreign trade; the regulation of economic activity; warfare; public finance; the role of the middle and upper classes in social and economic life.

Pre-Requisites: Some previous knowledge of the period is desirable; but a keen student, however ignorant to start with, should be able to cope with the demands of the course.

Teaching Arrangements: Weekly classes (EH132) in term-time throughout the academic year, continuing through the summer by arrangement, if required.

Written Work: Students must expect to write papers frequently if they are to get full benefit from close analysis of the source material.

Reading List: A full reading list will be provided at the start of the course.

Examination Arrangements: Examined by a 3-hour written paper in which three questions have to be answered.

EH2605

The Sources and Historiography of the Economic History of England in the Seventeenth Century

(Not available 1986-87)

Teacher Responsible: Dr. Peter Earle, Room C422 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for M.Sc. students specializing in Economic History.

Scope: The course examines the sources and methods used by historians in writing the economic history of seventeenth-century England.

Syllabus: Reading seventeenth-century handwriting; location and nature of records in national and local archives; problems of using state papers, parliamentary papers, legal records, printed books and pamphlets; specialized study of particular records such as wills and inventories, port books, quarter session records, parish registers, hearth tax returns; specialized study of the sources used in writing on particular areas of economic history such as inland and foreign trade, demography, apprenticeship, industry; discussion of contemporary writers on economic affairs such as Mun, Petty, North, Barbon, Davenant; examination of the historical method of selected historians from Adam Smith to the present day. About two-thirds of the time available is spent on sources.

Pre-Requisites: Students with no prior knowledge of English seventeenth-century economic history will be expected to read widely in the subject and to prepare essays in addition to their normal course work.

Teaching Arrangements: There will be a weekly two-hour seminar (EH133) throughout the session in Dr. Earle's room (C422) at a time to be arranged. Dr. Earle will lecture to the group for some of the earlier meetings but the normal form of 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. Students are expected to take full advantage of the School's location in Central London by visiting and working on original documents in archives such as the Public Record Office, Corporation of London Record Office and the British Library.

Reading List: There is no detailed reading list for this course. Students are expected to prepare their own as part of their training. They should not confine themselves to the L.S.E. library and should make full use of the other Central London libraries, particularly the British Library, Guildhall Library and the University Library (especially the Goldsmiths Collection). The list below is confined to a few useful books with general information on sources. Students should use their own judgement in purchasing books. J. Thirsk & J. P. Cooper, *Seventeenth-century Economic Documents*; Giles E. Dawson & Laetitia Kennedy-Skipton, *Elizabethan Handwriting*; Godfrey Davies, *Bibliography of British History: the Stuart Period, 1603-1714*, 1982 edn.; A. Browning, *English Historical Documents*, vol. viii 1660-1714; W. B. Stephens, *Sources for English Local History*, (revised edn. 1982); W. E. Tate, *The Parish Chest*; M. S. Giuseppi, *Guide to the MSS Preserved in the Public Record Office*, (1963 edn.); Maurice F. Bond, *Guide to*

the Records of Parliament; P. E. Jones & R. Smith, *A Guide to the Records in the Corporation of London Records Office and the Guildhall Library Muniments Room*; B. R. Crick & M. Alman, *A Guide to MSS Relating to America in Great Britain and Ireland*; E. L. C. Mullins, *A Guide to the Historical and Archeological Publications of Societies in England and Wales*, 2 vols.; Alan Macfarlane, *Reconstructing Historical Communities*.

Examination Arrangements: There is a three-hour formal examination in September in which three questions have to be answered.

EH2610

The Sources and Historiography of British Economic History from the Later Eighteenth Century

Teacher Responsible: Professor T. C. Barker, Room C215 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for M.Sc. in Economic History.

Scope: The course concentrates upon the Industrial Revolution in Britain from c 1750 to c 1850 in the light of subsequent historians' interpretation of it and the growing availability of archive and other historical sources.

Syllabus: Among the writers considered are Adam Smith, Malthus, Porter, Engels, Toynbee, the Hammonds, Cunningham, Marshall, Clapham, the Webbs, Lilian Knowles, Unwin and Ashton. Each writer is assessed with their own personal background in mind, the preoccupations of the time in which they were writing and the historical sources available to them.

Pre-Requisites: A knowledge of British economic history at the level of an introductory university course.

Teaching Arrangements: The course is taught in a sequence of twenty-four two-hour seminars (EH134), meeting once a week. Ten seminars are scheduled for each of the Michaelmas and Lent Terms, and the final four seminars are held in the Summer Term. During the sequence each student will be responsible for at least one seminar presentation, to last approximately an hour, during which the arguments and evidence of a selected author or authors will be critically examined. A very important part of the course consists of visits to the Public Record Office, The House of Lords Record Office, The Midland Bank Archives, The Science Museum and the British Library. A number of specialists on archives and particular aspects of the subject visit the seminar.

Preliminary Reading List:

Adam Smith, *An Inquiry into the Wealth of Nations*; T. R. Malthus, *First Essay on Population*; G. R. Porter, *Progress of the Nation*; Friedrich Engels, *The Condition of the Working Class in England*; Arnold Toynbee, *The Industrial Revolution in England* George Unwin, *Samuel Oldknow and the Arkwrights*; J. H. Clapham, *The Economic History of Modern Britain*; T. S. Ashton, *The Industrial Revolution*; E. A. Wrigley & R. S. Schofield, *The Population History of England, 1541-1871: A Reconstruction*; Michael J. Cullen, *The Statistical Movement in Early Victorian*

Britain: The Foundations of Empirical Social Research; Roderick Floud & Donald McCloskey (Eds.), *The Economic History of Britain Since 1700*. A detailed reading list will be distributed at the beginning of the course.

Examination Arrangements: There is a three-hour formal examination at the beginning of September. The Paper contains 10 questions divided into two parts (sources and historiography) of which three are to be attempted, at least one from each part. One third of the possible marks are awarded to each of the questions. Copies of previous years' papers are available in the Library.

EH2615

The Sources and Historiography of the Economic History of the USA 1890-1929

Teacher Responsible: Mr. J. Potter, Room C420 (Secretary, C321, Ext. 2791)

Course Intended Primarily for M.Sc. (Economic History); and other interested graduate students.

Scope: The development of the study of American economic history in the USA between 1890 and 1930. The main authors will be examined in the context of the development of the disciplines of economics and history, and of the social sciences generally, in the USA. The course includes a survey of the main source materials available for research in American economic history.

Syllabus: The authors studied are: F. J. Turner, C. A. Beard, G. S. Callender, J. F. Jameson, U. B. Phillips, L. C. Gray, F. W. Taussig, J. R. Commons, W. C. Mitchell, H. Jerome, Henrietta M. Larson.

Pre-Requisites: A first degree with significant study in U.S. history and economics.

Teaching Arrangements: The graduate seminar (EH136) for this course will meet for 1½ hours each week for three terms, a total of 30 seminars. The Seminars are conducted by Mr. J. Potter. Students are also recommended to attend lecture course (EH106) *Economic History of the USA*.

Written Work: Every student taking the course is expected to write at least two papers for presentation to the Seminar. The second of these papers must be written on one of the authors studied.

Reading List: Ralph Andeano (Ed.), *The New Economic History: Recent Papers on Methodology*, 1970; Carl Becker, *Every Man his Own Historian*, 1935, pp. 114-256; H. H. Bellot, *American History and American Historians*, 1952, especially Chapter I; Lee Benson, *Turner and Beard*, 1960; Ray A. Billington, *Frederick Jackson Turner*, 1974; Thomas C. Cochran, *The Inner Revolution: Essays on the Social Sciences in History*, 1964; H. S. Commager, *The American Mind*, 1950; M. Cunliffe & R. W. Winks (Eds.), *Past Masters: Some Essays on American Historians*, 1969; J. D. Dorfman, *The Economic Mind in American Civilization*, Vol. 3, 1949; J. D. Dorfman & others, *Institutional Economics: Veblen, Commons and Mitchell Reconsidered*, 1963; G. R. Elton, *The Practice of History*, 1967; Jerome Finster (Ed.), *The*

National Archives and Urban Research, 1974; Meyer Fishbein (Ed.), *The National Archives and Statistical Research*, 1973; J. Grossman, *The Department of Labor*, 1973; R. Hofstadter, *The Progressive Historians*, 1969; David S. Landes & Charles Tilly, *History as Social Science*, 1971; James Leiby, *Carroll D. Wright and Labor Reform: The Origins of Labor Statistics*, 1960; David Noble, *Historians Against History: The Frontier Thesis and the National Covenant in American Historical Writing since 1830*, 1965; James Harvey Robinson, *The New History*, 1912 (ed. with introduction by Harvey Wish, 1965); L. F. Schmeckebier, *The Statistical Work of the National Government*, 1925; Joseph Schumpeter, *Ten Great Economists*, 1956; E. R. A. Seligman, *The Economic Interpretation of History*, 1902; F. Stern (Ed.), *The Varieties of History*; Cushing Strout, *The Pragmatic Revolt in American History: Carl Becker and Charles Beard*, 1958.

Examination Arrangements: One three-hour examination held in September. In Section One of the paper, students are required to comment on three out of five extracts from the writings of the authors studied. In Section Two of the paper, they have to answer two questions out of five on the general subject matter of the course.

EH2640

Economic and Social History of England 1377-1485

See EH1720

EH2655

Britain and the International Economy 1919-64

(Not available 1986-87)

See EH1740

EH2660

Economic History of the U.S.A. Since 1873

Teacher Responsible: Mr. J. Potter, Room C420 (Secretary, C321, Ext. 2791)

Course Intended Primarily for M.Sc. Economic History. Students taking other taught master's programmes may take the paper when appropriate.

Scope: The economic history of the U.S.A. since 1873. Emphasis is placed on the period 1873-1939, but opportunity is given to follow topics into the more recent past.

Syllabus: Sources of growth in per capita incomes; cycles and fluctuations in economic activity.

The sectors of the economy: agriculture, mining, manufacturing, transport and distribution, banking, foreign trade, government.

The factors of production: Labour, including immigrants and other minorities; sources and uses of capital and capital markets; the frontier, entrepreneurs and technological change.

There will be opportunities to examine particular industries, two or three cities, regional problems,

economic aspects of reform movements of the period, as well as international economic relations.

Pre-Requisites: There are no specific pre-requisites for the course. Some knowledge of U.S. history, economics or economic history is desirable and students without background in one of these subjects may be discouraged from attempting the course.

Teaching Arrangements: EH141. Most of the teaching is carried out in weekly seminars of 1½ hours extending from the first week of Michaelmas Term until the third week of the Summer Term. Papers, or expositions of topics by students, will form the basis for discussion in these seminars.

EH106. All students are advised to attend this lecture course which consists of weekly one-hour lectures throughout the Michaelmas and Lent Terms. For students with a weak background in the subject these lectures are essential.

EH106(a). During Summer Term a series of 8 lecture/discussion classes of 1½ hours each on the U.S. economy since 1929 concludes the teaching for the paper.

Written Work: Students are required to submit at least four seminar papers or other written work.

Reading List: There is no single work which deals exactly with the syllabus for this paper. Students will need a textbook for reference and should choose one from the Reading List (Textbooks) given for courses EH1061. Emphasis will be placed on the journal literature. Some of the important articles in the field, though not the most recent, are available in the Bobbs-Merrill Reprint Series in American History.

Other useful collections are:

Harry Scheiber (Ed.), *United States Economic History*, 1964; A. W. Coats & Ross Robertson (Eds.), *Essays in American Economic History*, 1969; Stanley Coben & Forrest Hill (Eds.), *American Economic History: Essays in Interpretation*, 1966.

Other books covering a large part of the syllabus include:

Edward C. Kirkland, *Industry Comes of Age, 1860-1897*; Alfred D. Chandler, *The Visible Hand*; Walter Adams, *The Structure of American Industry*; Thomas Cochran, *American Business in the Twentieth Century*; Jim Potter, *The American Economy Between the World Wars*.

National Bureau of Economic Research, *Trends in the American Economy in the Nineteenth Century*; *Output, Employment and Productivity in the U.S. after 1800*, volumes 24 and 30 in the series *Studies in Income and Wealth*.

Supplementary Reading List: Readings for each seminar will be given out at the beginning of the course. All items should be available in the Library, though inevitably some will be lost or stolen and not yet replaced, or out-of-print, at any point in time.

There will, however, be ample choice. Some of the most important works to be recommended on particular topics are:

Paul McAvooy, *The Economic Effects of Regulation*; Gavin Wright, *The Political Economy of the Cotton South*; Harvey S. Perloff & others, *Regions, Resources and Economic Growth*; Allan Bogue, *From Prairie to Corn Belt*; Peter Temin, *Iron and Steel in 19th Century*

America; S. H. Schurr, *Energy in the American Economy*; Albro Martin, *Enterprise Denied*; Brinley Thomas, *Migration and Economic Growth*; Milton Friedman & Anna Schwarz, *Monetary History of the United States, 1867-1960*; William Woodruff, *America's Impact on the World*; Mira Wilkins, *The Emergence of Multinational Enterprise: American Business Abroad from the Colonial Era to 1914*; and *The Maturing of Multinational Enterprise, 1914-70*; Lester V. Chandler, *America's Greatest Depression, 1929-41*; Glen Porter & Harold Livesey, *Merchants and Manufacturers*.

Examination Arrangements: There is a three-hour formal examination early in September for M.Sc. candidates, requiring 3 questions to be answered out of 10. The assessment for the course is based upon the examination.

**EH2700
Id4222**

British Labour History Labour History

Teacher Responsible: Dr. E. H. Hunt, Room C415 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for M.Sc. Economic History; M.Sc. Industrial Relations. Other graduate students may attend by permission.

Scope and Syllabus: The course covers the main aspects of British labour history between 1815 and 1939. Students taking the M.Sc. in Industrial Relations follow a syllabus that concentrates upon trade unionism, the role of employers, the workplace, and industrial relations. Students taking the M.Sc. in Economic History follow a broader syllabus that embraces most aspects of labour history.

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: All 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. Meetings on the period 1815-1914 are arranged by Dr. Hunt, those on the period 1914-39 are arranged by Mr. Baines. Seminar programmes are available from Dr. Hunt or Jenny Law. Students taking the M.Sc. in Industrial Relations attend, in addition, a seminar in **Labour History** (Id118) given by Professor Roberts.

For times and location of seminars and lectures see the posted time-tables.

Written Work: A minimum of 3 papers. Students taking the M.Sc. in Industrial Relations may be required, in addition, to present papers at Professor Roberts' seminar. Papers may be incorporated in work submitted for course assessment towards the M.Sc. in Industrial Relations.

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 or Jenny Law. 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. Students taking the M.Sc. in Industrial Relations, when planning their reading, should keep in mind that their's is a less wide syllabus than that followed by students taking the M.Sc. in Economic History. 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 I, 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: Students taking this course for the M.Sc. in Industrial Relations are examined separately from those taking the M.Sc. in Economic History (see syllabus above). Both groups sit a formal, 3 hour, written paper in which three questions are answered from a wide choice of questions. Both are classified as pass, fail, or distinction. Industrial Relations students sit their examination towards the end of the Summer Term, Economic History students sit in September. The Industrial Relations examination includes an element of course assessment (see above). Past examination papers can be consulted in the Library.

EH2701

History of Transport from the Turnpike to the Motorway

Teacher Responsible: Professor T. C. Barker, Room C215 (Secretary, Ms. Jenny Law, C419, Ext. 2800)

Course Intended Primarily for M.Sc. (Economic History Option). Graduate students taking courses in Transport Economics or Geography and all others interested in the background to present-day transport problems may attend with Professor Barker's permission.

Scope: The course concentrates on transport's contribution to economic and social change and focusses particularly upon development in the twentieth century. It deals with traffic rather than with transport modes as such and, while it is concerned mainly with the British experience, attention is paid to international aspects (air and sea) and to transport changes in other countries, especially the U.S.A.

Syllabus: The significance of transport developments since 1950, both national and international, in relation

to the earlier growth of water transport, the coming of railways and the ascendancy of the steamship. The growingly important role of road transport and the complementary development of water transport (river and coastal as well as canal) before the coming of railways and their continued importance during the Railway Age.

Railways: the timing of their arrival and spread; their contribution to economic growth and social change; Fogel, Fishlow and Hawke.

The role of horse-drawn transport in urbanisation and suburbanisation. Developments in world shipping in the nineteenth and twentieth centuries and of air transport since 1918.

The mechanisation of road transport: the (neglected) bicycle; electric tramways; motor cars, motor buses, motor lorries and motor cycles.

Competition between road and rail and the reasons for the present plight of railways. Twentieth-century transport problems: accidents, pollution; energy conservation and congestion.

Pre-Requisites: No prior historical knowledge is required but some interest in present-day transport problems will be of help, for it is with the background to these that the course is primarily concerned.

Teaching Arrangements: Weekly classes (EH131), each of two-hour duration, during the Michaelmas, Lent and part of the Summer Term. At each of these discussions on particular topics are introduced either by Professor Barker (who is currently writing a book on the international impact of motor vehicles) or by students, each of whom will be expected to prepare in detail for a particular class each term as well as to participate in the discussion at other classes. A list of class topics and the recommended reading for each class is handed out at the beginning of the course. (See below). Each student will be expected to write at least one essay per term based upon his/her class paper. This will be marked and subsequently discussed privately with the student concerned.

Preliminary Reading List: T. C. Barker & C. I. Savage, *An Economic History of Transport in Britain*, (now out of print but copies available from Professor Barker); Theo Barker (Ed.), *The Economic and Social Effects of the Spread of Motor Vehicles*; Theo Barker, *The Transport Contractors of Rye*, Athlone Press; H. J. Dyos & D. H. Aldcroft, *British Transport*, Penguin; Philip S. Bagwell, *The Transportation Revolution from 1970*, Batsford paperback; T. C. Barker & Michael Robbins, *A History of London Transport*, Allen and Unwin paperback; J. M. Laux & others, *The Automobile Revolution*, University of North Carolina Press.

A full reading list, with recommendations for each seminar, will be handed out at the beginning of the course. Students who wish to receive this, or who may wish to learn more about the course in order to decide whether to attend it, should come to the first meeting in Room C215 on Thursday, 9 October at 10 a.m.

Examination Arrangements: A three-hour examination will be held in September. The paper will consist of 12 questions, all dealing with topics covered in the classes, from which candidates will be required to answer three.

Copies of previous papers may be consulted in the Library.

EH2710

The Population of the United States of America from Colonial Times to the Present

Teacher Responsible: Mr. J. Potter, Room C420 (Secretary, C321, Ext. 2791)

Course Intended Primarily for M.Sc. (Economic History).

Scope: This course examines the significance of demographic factors in American history, studying the mainland American colonies from first settlement and the U.S.A. since nationhood. Topics studied include: population growth rates and their determinants; natural growth; age and sex structure; the family, slavery; internal mobility; immigration; ethnic groups; urbanisation.

Syllabus: An introduction to the study of American population history. Chronological survey from 1607 to the present; regional differences; the processes of frontier settlement; source materials for the colonial period; the national censuses; problems of evaluation of quantitative data.

Pre-Requisites: The course assumes prior knowledge of the main outlines of American history. Prior knowledge of demographic theories or statistical methods is not required, but students are expected to handle quantitative data and to undertake a project for seminar presentation derived from direct use of census material.

Teaching Requirements: This is a graduate course and teaching consists of one Seminar (EH140) of 1½ hours per week. Roughly half the Seminars, especially in the early part of the course, consist of talks by the Course Teacher, the remainder being dependent on the presentation of papers of members of the Seminar. There will be 25 seminar meetings, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term. Students are also recommended to attend lecture courses (EH106) **Economic History of the USA.**

Written Work: Every student taking the course is expected to present to the seminar:

One minor paper, usually the review of one book (or group of articles) chosen from the main course reading list, and

One major paper on a project to be arranged in consultation with the Course Teacher, normally based on the published materials of the U.S. Census. (Copies of all papers presented to the Seminar are retained in the Secretary's office and are available for consultation).

One essay to be written during the Christmas Vacation. One specimen examination paper to be written during the Easter vacation.

Reading List: No textbooks are available for this course, but the following books are recommended: D. J. Bogue, *The Population of the United States*, 1985; James H. Cassedy, *Demography in Early America: Beginnings of the Statistical Mind*, Harvard, 1969; Howard P. Chudacoff, *Mobile Americans: Residential and Social Mobility in Omaha, 1880-1920*, 1972; Kathleen Conzen, *Immigrant Milwaukee, 1836-80*, 1976; William Currie, *A Historical Account of the Diseases of the United States*

of America, Philadelphia, 1792; John Demos, *A Little Commonwealth: Family Life in Plymouth Colony*, New York, 1970; R. J. Dickson, *Ulster Emigration to Colonial America, 1718-1775*; J. Duffy, *Epidemics in Colonial America*, 1953; Richard A. Easterlin, 'Population Issues in American Economic History: A Survey and Critique', in R. E. Gallman (Ed.), *Recent Developments in the Study of Business and Economic History*, 1971; Richard A. Easterlin, *Population, Labor Force and Long Swings*, NBER, 1968; C. J. Erickson, *Invisible Immigrants: The Adaptation of English and Scottish Immigrants in 19th Century America*; R. W. Fogel & S. L. Engerman, *Time on the Cross*, 1974; B. Franklin, *Observations Concerning the Increase of Mankind and the Peopling of Countries*, (1751, 1755 edn.); C. N. Glaab & Brown, *A History of Urban America*, 1976; D. V. Glass & D. E. C. Eversley, *Population in History*, 1965, especially J. Potter, 'Growth of Population in America, 1700-1860'; E. V. Green & V. D. Harrington, *American Population before the Federal Census of 1790*, New York, 1932; Philip J. Greven, *Four Generations: Population, Land and Family in Colonial Andover, Mass.*, Cornell, 1970; H. G. Gutman, *Slavery and the Number Game*, 1975; T. Hershberg, *Philadelphia: Work, Space, Family and Group Experience in the 19th Century*, 1981; K. Hvidt, *Flight to America: the Social Background of 300,000 Danish Emigrants*, 1975; Patricia James, *Population Malthus: His Life and Times*, 1979; M. A. Jones, *American Immigration*, (4th edn.), 1965; Peter R. Knights, *The Plain People of Boston, 1830-1860: A Study in City Growth*, 1971; K. A. Lockridge, *A New England Town: The First Hundred Years Dedham, Mass., 1636-1736*, 1970; T. R. Malthus, *An Essay on the Principle of Population*, 1st Essay 1798, Penguin Books ed. 1970, edited by Antony Flew; B. McKelvey, *The Urbanisation of America, 1860-1915*, 1963; Edmund S. Morgan, *American Slavery, American Freedom: The Ordeal of Colonial Virginia*; H. S. Nelli, *The Italians in Chicago, 1880-1930*; G. Osofsky, *Harlem: The Making of a Ghetto*, 1967; Robert Dale Owen, *Moral Physiology*, 1830; W. Peterson, *Malthus*, 1979; J. Potter, *The American Economy between the World Wars*, 1975, (section on population); H. Runblom & H. Norman, *From Sweden to America: A History of the Migration*, 1976; R. M. Shryock, *Medicine and Society in America, 1660-1860*, 1960; P. A. M. Taylor, *The Distant Magnet: European Emigration to the USA*, 1971; S. Thernstrom, *Poverty and Progress: Social Mobility in a 19th Century City*, 1969; Brinley Thomas, *Migration and Economic Growth: A Study of Great Britain and the Atlantic Economy*, (2nd edn.), 1973; Brinley Thomas, *Migration and Urban Development*, 1972; M. A. Vinovskis, *Family and Population in 19th Century America*, 1978; M. A. Vinovskis, *Studies in American Historical Demography*, 1979; V. Robert Wells, *The Population of the British Colonies in America before 1776*, 1975.

Examination Arrangements: One three-hour examination held in June. The examination paper is divided into three sections, students being required to answer three or four questions, at least one from each section.

Section One: general and methodological questions enabling candidates to introduce material in their answers from any part of the course.

Section Two: Colonial period from first settlement, and national period to the mid-nineteenth century.

Section Three: From mid-nineteenth century to the present.

At least one question will consist of a Table of statistics on which the candidate is invited to comment.

EH2715

Aspects of Latin American Economic History Since Independence

Teacher Responsible: Dr. Colin Lewis, Room C320 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended for M.A., M.Sc., M.A. Area Studies (Latin America), M.Sc. (Economic History) Option A.

Scope: The course will address the principal debates in Latin American economic historiography, focusing upon the major socio-economic 'revolutions' in Latin American history, from the struggles for independence to late twentieth-century social upheavals, and - by reference to specific case-studies - will explore various theories elaborated from, or applied to, the Latin American experience.

Syllabus: Colonial heritage, national consolidation, patterns and determinants of growth during the nineteenth century, social change and the limits to economic modernization, theories and issues of industrialization, external crisis and endogenous response, the state and development, continuity and change during the post-Second World War period.

Pre-Requisites: A reading knowledge of Spanish and/or Portuguese is desirable.

Teaching Arrangements: Weekly two-hour seminars (EH142) Sessional; pre-circulated working papers.

Written Work: Three to four papers during the session, presented to seminar.

Reading List: C. Abel & C. M. Lewis (Eds.), *Latin America, Economic Imperialism and the State*; A. J. Bauer, *Chilean Rural Society*; J. C. Brown, *A Socioeconomic History of Argentina, 1776-1860*; M. Burgin, *Economic Aspects of Argentine Federalism, 1820-1852*; C. Cardoso (Ed.), *Mexico en el Siglo XIX*; F. H. Cardoso & F. Faletto, *Dependency and Development in Latin America*; E. V. da Costa, *Da Monarquia a Republica*; R. Cortes Conde & S. J. Stein (Eds.), *Latin America: A Guide to Economic History, 1830-1930*; W. Dean, *Industrialization in Sao Paulo*; C. F. Diaz Alejandro, *Essays on the Economic History of the Argentine Republic*; K. Duncan & I. Rutledge (Eds.), *Land and Labour in Latin America*; P. Evans, *Dependent Development*; P. Casanova Gonzalez, *America Latina en los Anos Treinta*; T. Donghi Halperin, *El Ocaso del Orden Colonial en Hispanoamerica*; A. O. Hirschman, *A Bias for Hope*; O. Ianni, *Industrializacao e Desenvolvimento Social no Brasil*; J. Levin, *The Export Economies*; M. Mamalakis, *The Growth and Structure of the Chilean Economy*; C. Mesa-Lago, *Cuba in the 1970's*; M. C. Meyer & W. C. Sherman, *The Course of Mexican History*; N. Sanchez Albornoz, *The Population of Latin America*; R. Thorp & G. Bertram, *Peru,*

1890-1977; A. Vilella Villanova & W. Suzigan, *Government Policy and the Economic Growth of Brazil, 1889-1945.*

Examination Arrangements: One three-hour examination taken in June; three questions to be answered from choice of 12.

EH2716

The Economic History of Western Europe Since 1945

Teacher Responsible: Professor Alan Milward.

Course Intended Primarily for M.Sc. Economic History. Students taking other taught master's programmes may take the paper where appropriate.

Syllabus: National and International Reconstruction after the Second World War. The history and politics of international economic cooperation in OEEC, GATT, ECSC, EEC and EFTA. Case studies of national economic development in France, West Germany, and Britain. An analysis of the great European boom 1945-1967 including studies of industrial investment, capital movements, labour migration, defence expenditure and its efforts and technological change. An analysis of the agricultural sector of the west European economies and of the CAP. Particular attention will be paid to the analysis of patterns of international trade.

The study of cyclical movements and the role of government policy in relation to cyclical fluctuations before and after 1967. Inflation and deflation and the links with government policies between 1973 and the present. Changing patterns of sectoral development and their impact on European and world trade.

The course will pay particular attention to the connections between the evolution of the international economy and its impact on the institutional framework of international relations.

Pre-Requisites: Some knowledge of economics or modern economic history is needed and the ability to read in a west European language other than English would be an advantage.

Teaching Arrangements: Most of the teaching will be in seminars (one and a half hours) EH137 in which particular topics will be examined and students will be required to present papers as the basis of discussion. **Written Work:** Two papers are required from all students during the course.

Reading List: The only works which deal generally with this topic are either relatively elementary (x) or out of date (y). There is no alternative to their use but they will be supplemented by special readings on selected topics.

(y) A. Maddison, *Economic Growth in the West: Comparative Experience in Europe and North America* (New York, 1964); (y) C. P. Kindleberger, *Europe's Postwar Growth: The Role of Labour Supply* (Cambridge, Mass., 1967); (y) M. M. Postan, *An Economic History of Europe, 1945-1964* (London, 1968); (x) W. M. Scammell, *The International Economy since 1945* (London 1980); (y) W. M. Diebold, *The Schuman Plan: A Study in Economic Cooperation, 1950-1959* (New York, 1959); A. Lamfalussy, *The United Kingdom and the Six: An*

Essay on Economic Growth in Western Europe (London, 1963).

Examination Arrangement: Three-hour written examination.

EH2780

The Latin American Experience of "Economic Imperialism"

Teacher Responsible: Dr. Colin M. Lewis, Room C320 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for M.A., M.Sc., M.A. Area Studies (Latin America), M.Sc. (Economic History): Option B.

Scope: The course will focus upon the continuing debate about the relationship of Latin America and the world economy in the period since c. 1850. It will discuss the three principal bodies of literature which facilitate an understanding of 'imperial' connections: the British historiography on 'informal empire' and 'business imperialism'; the US literature on expansionism in the region; Latin American writings on dependence.

Syllabus: The programme opens with an introductory review of basic concepts and theories – of imperialism and dependency, of growth and development, of the nature of the state.

Specific issues will subsequently be addressed by reference to concrete case-studies:

1. 'Informal empire' – external indebtedness, implications of export-led growth, patterns of railway investment.
2. US expansionism – multinational corporations, plantation agriculture, exploitation of oil.
3. Dependency debate – Prebisch thesis, associated capitalist development, limits of ISI.

Pre-Requisites: None.

Teaching Arrangements: Weekly two-hour seminars, EH145 Michaelmas and Lent Terms; pre-circulated working papers.

Written Work: Three papers during session, presented to seminar.

Reading List: C. Abel & C. M. Lewis, *Latin America, Economic Imperialism and the State*; F. Cardoso & E. Faletto, *Development and Dependency*; R. H. Chilcote & J. C. Edelstein (Eds.), *Latin America*; J. Cotler & R. R. Fagen (Eds.), *Latin America and the United States*; E. Duran (Ed.), *Latin America and the World Recession*; W. R. Louis (Ed.), *Imperialism: The Robinson and Gallagher Thesis*; R. Prebisch, *The Economic Development of Latin America*; D. C. M. Platt (Ed.), *Business Imperialism, 1840–1930*; R. Owen & B. Sutcliffe (Eds.), *Studies in the Theory of Imperialism*; H. Radice (Ed.), *International Firms and Modern Imperialism*; I. Roxborough, *Theories of Dependence*; R. Thorp (Ed.), *Latin America in the 1930s*; S. J. Stern & B. A. Stern, *The Colonial Heritage of Latin America*.

Supplementary Reading List: Detailed biographies will be provided for case-studies.

Examination Arrangements: One three-hour examination taken in June.

EH2790

Growth, Poverty and Policy in the Third World Since 1850

Teacher Responsible: Dr. Colin M. Lewis, Room C320 (Secretary, Mrs. Tess Truman, C321, Ext. 2790)

Course Intended Primarily for M.Sc. Economic History – Option B.

Scope: By reference to specific comparative case-studies (located in the Middle East, the Indian subcontinent, South-East Asia, the circum-Caribbean and South America), the course will explore the principal socio-economic changes that have occurred in the Third World since c. 1880, concentrating upon national and international developments.

Syllabus: (a) Theories and concepts of development. (b) State structures, national political economy and economic performance in specific areas of the Third World.

(c) Comparative examination of Third World issues: population and growth; peasant economies and production for the market; proletarianization; urbanization; industrialization; state planning; multinationals in manufacturing and banking; war, depression and current crises.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars EH146 Sessional, taught jointly by Mr. M. E. Falkus, Dr. Geoffrey Jones and Dr. C. M. Lewis.

Written Work: Four papers to be presented during the session.

Preliminary Reading List: C. Abel & C. M. Lewis, *Latin America, Economic Imperialism and the State*; L. Adelman & C. T. Morris, *Economic Growth and Social Equity in Developing Countries*; P. Bairoch, *The Economic Development of the Third World Since 1900*; J. Bharier, *Economic Development of Iran*; N. Charlesworth, *British Rule in India, 1800–1914*; C. Furtado, *The Economic Development of Latin America*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; J. D. Gould, *Economic Growth in History*; C. Issawi, *An Economic History of the Middle East*; Rh. O. Jenkins, *Transnational Corporations and Industrial Transformations in Latin America*; W. A. Lewis, *Growth and Fluctuations in the International Economy*; J. F. Munro, *Africa and the International Economy*; H. Myint, *Economic Theory and the Under-Developed Economies*; P. Nunnenkamp, *The International Debt Crisis of the Third World*; R. Owen, *The Middle East in the World Economy*; R. Owen & B. Sutcliffe (Eds.), *Studies in the Theory of Imperialism*; W. W. Rostow, *The World Economy*; J. C. Scott, *The Moral Economy of the Peasant*; M. P. Todaro, *Economics for a Developing World*; I. Wallerstein, *The Modern World-System*; L. T. Wells, *Third World Multinationals*.

Supplementary Reading List: Detailed bibliographies will be provided for specific themes.

Examination Arrangements: One three-hour examination taken in September.

Note: The 10,000 word M.Sc. 'Report' to be written on a topic relating to this course (see M.Sc. regulations), and approved by the candidate's teachers, need not necessarily relate to those parts of the Third World studied in detail as part of this syllabus.

GEOGRAPHY

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
Gy100	Geographical Perspectives on Modern Society Dr. N. A. Spence, Professor R. J. Bennett and Dr. J. A. Rees	25/MLS Gy1801
Gy101	Physical Geography Professor C. Embleton, Professor D. Brunnsden, Dr. R. A. M. Gardner and Miss H. M. Scoging	40/ML Gy1812
Gy104	Methods in Geographical Analysis Miss H. M. Scoging, Dr. C. Board and Mr. C. Whitehead	40/ML Gy1816
Gy201	Advanced Methods in Geographical Analysis Mr. C. Whitehead, Professor R. J. Bennett, Dr. M. Frost, Miss H. M. Scoging and Dr. A. M. Warnes	20/ML Gy1857
Gy202	Elements of Hydrology Dr. J. I. Pitman	10/L Gy1844
Gy203	Geomorphology I Miss H. M. Scoging, Professor C. Embleton, Professor D. Brunnsden, Mr. D. K. C. Jones and others	40/MLS Gy1840
Gy204	Biogeography Dr. E. M. Yates	50/MLS Gy1842
Gy205	Meteorology and Climatology Dr. M. Jones and Dr. B. W. Atkinson	50/MLS Gy1843
Gy206	Man and His Physical Environment Dr. J. A. Rees, Mr. D. K. C. Jones and Miss H. M. Scoging	46/ML Gy1808
Gy208	The Location of Economic Activity Dr. J. E. Martin and Dr. R. C. Estall	42/MLS Gy1824
Gy209	Social Geography: Spatial Change and Social Process Dr. S. S. Duncan	40/ML Gy1821
Gy210	Urban Geography: an Evolutionary Approach Dr. A. M. Warnes and Dr. B. S. Morgan	40/ML Gy1822

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gy212	Historical Geography: British Isles Dr. E. M. Yates and Dr. D. R. Green	46/MLS	Gy1829
Gy213	Techniques in Physical Geography Miss H. M. Scoging and Dr. R. Gardner	20/ML	Gy1817
Gy215	Soil Science Dr. J. I. Pitman	20/M	Gy1841
Gy216	Advanced Cartography Mr. G. R. P. Lawrence	40/ML	Gy1951
Gy220	The British Isles Mr. D. J. Sinclair	45/MLS	Gy1876
Gy221	Europe Mr. D. J. Sinclair, Dr. F. E. I. Hamilton and Dr. J. E. Martin	40/ML	Gy1877
Gy223	North America I: Geographical Patterns of Resources and Economic Development Dr. R. C. Estall	20/M	Gy1880; Gy1887
Gy224	Latin America I: Pre-Industrial Societies Dr. L. A. Newson	22/MLS	Gy1882
Gy225	The Third World: A Social and Economic Basis Professor W. B. Morgan and Dr. L. A. Newson	23/MLS	Gy1884
Gy299	Independent Geographical Essay Dr. K. R. Sealy	5/S	Gy1998
Gy300	Geomorphology II – Palaeogeomorphology Mr. D. K. C. Jones and Professor C. Embleton	40/ML	Gy1966
Gy301	Geomorphology III Professor D. Brunsden	25/MLS	Gy1961
Gy303	Urban Politics: A Geographical Perspective Dr. K. Hoggart	44/MLS	Gy1919
Gy304	Spatial Aspects of Economic Development Dr. F. E. I. Hamilton, Dr. M. E. Frost and Dr. K. Hoggart	50/MLS	Gy1920
Gy305	The Geography of Rural Development Mr. D. J. Sinclair and Professor W. B. Morgan	40/MLS	Gy1922
Gy307	Social Geography of Urban Change Dr. S. S. Duncan	20/ML	Gy1929; Gy1935
Gy309	Comparative Studies in Spatial Policy Professor D. R. Diamond, Professor R. J. Bennett and Mr. J. R. Drewett	20/ML	Gy1931; Gy1935; Gy2821; Gy2860; SM8357

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gy310	Urban and Regional Planning Dr. M. Hebbert and Professor D. R. Diamond	35/MLS	Gy1926
Gy311	Resource and Environmental Management Dr. J. A. Rees	40/ML	Gy1943; Gy2822
Gy312	Planning Techniques and Models I Mr. J. R. Drewett and Dr. N. A. Spence	10/M	Gy1926; Gy2860
Gy313	Transport: Environment and Planning Dr. K. R. Sealy	30/ML	Gy1942; Gy2824
Gy315	Map Design and Evaluation Dr. C. Board	23/MLS	Gy1950
Gy316	Environmental Change Dr. R. A. M. Gardner	20/ML	Gy1962
Gy322	North America II: Regional Studies of Economic Growth and Change Mr. R. C. Estall and Dr. K. R. Sealy	25/LS	Gy1887
Gy323	Latin America II: Industrial Societies Dr. L. A. Newson	20/ML	Gy1883
Gy324	The Soviet Union Dr. F. E. I. Hamilton	45/MLS	Gy1886; Gy1879
Gy400	Research Methodology and Geographical Thought Mr. J. R. Drewett and others	20/M	Gy2802
Gy401	Geographical Thought and Research in Practice Mr. J. R. Drewett, Dr. C. Board and others	10/L	Gy2802
Gy402	Research Resources Design and Techniques Dr. C. Board and others	10/M	Gy2802
Gy403	Computerised Geographical Information Systems Mr. C. Whitehead	5/L	Gy2802
Gy404	Survey Design and Techniques Dr. A. M. Warnes	5/L	Gy2802
Gy405	Map Design Seminar Dr. C. Board	10/L	Gy2802
Gy406	Geographical Project Seminar Dr. C. Board, Professor D. R. Diamond and Professor R. J. Bennett	20/ML	
Gy407	Geographical Research Seminar Professor R. J. Bennett and Dr. N. A. Spence	19/ML	Gy2801
Gy410	Social Change and Urban Growth – Class Dr. S. S. Duncan and Mr. J. R. Drewett	19/ML	Gy2820

Lecture/ Seminar Number		Study Guide Number
Gy411	Techniques in Cartographic Communication Dr. C. Board	5/L Gy2825
Gy412	Resource Management and Environmental Planning Dr. J. A. Rees	10/L Gy2822; Gy2860; IR4144
Gy413	Spatial Aspects of Change in Economic Activity – Seminar Dr. J. E. Martin	16/ML Gy2823
Gy414	Geography of Transport Planning – Class Dr. K. R. Sealy	25/MLS Gy2824
Gy415	Cartographic Communication Dr. C. Board	15/MLS Gy2825
Gy416	Planning Techniques and Models II Mr. J. R. Drewett and Dr. N. A. Spence	10/L Gy1931; Gy2821; Gy2860
Gy417	Social Theory and Urban and Regional Questions – Seminar Dr. S. S. Duncan	20/ML Gy417
Gy450	Regional and Urban Planning Problems – Seminar Dr. P. J. Dunleavy, Dr. C. Whitehead, Professor D. R. Diamond, Dr. M. J. Hebbert, Mr. R. A. Jackman and Dr. N. A. Spence	8/S Gy450
Gy451	Spatial Theory in Regional and Urban Planning – Seminar Professor D. R. Diamond and Dr. N. A. Spence.	14/ML Gy2860

Study Guides

Geographical Project Seminar

Teachers Responsible: Dr. C. Board, Room S413 and Professor R. J. Bennett, Room S407 (Secretary, Mrs. J. Jennings, Room S406)

Course Intended Primarily for M.Sc. Geography; M.Phil.; Research students.

Scope: Presentations by research students of aspects of their own research, stressing problems of methodology and/or techniques.

Teaching Arrangements: 20 × 1½ hour seminars (Gy406) in the second half of the Michaelmas, Lent and Summer Terms.

Examination Arrangements: This course is non-examinable.

Gy406

Gy407

Geographical Research Seminar

Teachers Responsible: Professor R. J. Bennett, Room S407 and Dr. N. A. Spence, Room S565 (Secretary, Mrs. J. Jennings, Room S406)

Course Intended Primarily for M.Sc. Geography; M.Sc. Regional and Urban Planning Studies.

Scope: 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.

Gy417

Social Theory and the Urban and Regional Question

Teacher Responsible: Dr. S. S. Duncan, Room S512 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for Graduate Students

Scope: A workshop course on the problems of current research in the urban and regional questions.

Syllabus:

1. Introductory seminars on uneven development, the regional problem, the urban question, dependency.
2. Workshops on particular issues according to the interests of graduate students.

In recent years these included: the social process of doing research; realism and explanation in social science; the labour process and spatial change; producing the built environment; sectors, classes and urban theory; monetarism, socialism and spatial policy; the production of people and domestic labour; the local state and local economic policy; radical regions.

Teaching Arrangements: Informal workshops with active participation by participants (Gy417).

Reading List: This will usually be made available before the sessions.

Examination Arrangements: The course is not examined and is not intended as preparation for any particular examination.

Gy450

Regional and Urban Planning Problems (Seminar)

Teacher Responsible: Michael Hebbert, Room S420 (Secretary, Mrs. J. Jennings, S406)

Other Teachers Involved: Dr. P. Dunleavy, Professor D. R. Diamond, Dr. N. Spence, Mr. R. Jackman and Dr. C. Whitehead.

Course Intended Primarily for M.Sc. Regional and Urban Planning Studies.

Scope: An interdisciplinary seminar with invited speakers on the problems of urban and regional planning.

Teaching Arrangements: Ten seminars (2 per week), Summer Term.

Examination Arrangements: None.

Gy1801

Geographical Perspectives on Modern Society

Teacher Responsible: Dr. N. A. Spence, Room S565 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.A./B.Sc. course unit main field Geography, B.Sc. (Econ.) Part I, B.Sc. (Econ.) Part II. Other B.A./B.Sc. course unit main field subjects, General Course.

Scope: The aim of the course is to introduce students to contemporary environmental concerns examined in human geography.

Syllabus: Human geography: its application to societal problems. Resource concepts; economic, geopolitical and social issues raised by resource exploitation. An introduction to population, food scarcity and environmental management problems. Theories of location. Global and regional inequalities in economic development. Problems of urban growth and decline. Cities and society; the built environment; city centres; inner cities; ghettos and shanty settlements. Urban Planning.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture course accompanied by a class.

Lectures: Gy100 Sessional

Classes: Gy100(a) weekly Sessional (B.Sc. (Econ.) and others) Gy100(b) weekly Sessional (B.A./B.Sc. course unit main field Geography)

Gy100: Some six specific themes will be examined.

1. Resource scarcity
2. Resource despoilation
3. Changing location of economic activity
4. Economic development inequalities
5. Urban growth and decline
6. Cities and society

Gy100(a) and Gy100(b): Classes will be used to monitor the lecture material and examine some specific themes in depth.

Reading List: No one book covers the entire syllabus. Students may wish to review the following: J. Blunden *et al.*, *Fundamentals of Human Geography: A Reader*; P. Dicken & P. E. Lloyd, *Modern Western Society*; P. G. Hall, *Urban and Regional Planning*; P. G. Hall, *The World Cities*; D. Herbert, *Urban Geography: A Social*

Perspective; D. M. Smith, *Where the Grass is Greener: Living in an Unequal World*; E. Ashby, *Reconciling Man with the Environment*; T. O'Riordan, *Environmentalism*; B. Ward & R. Dubois, *Only One Earth*; N. W. Holdgate, *A Perspective of Environmental Pollution*; M. Tanzer, *The Race for Resources*; B. J. L. Berry, *The Human Consequences of Urbanisation*; B. J. L. Berry, E. C. Conkling & D. M. Ray, *The Geography of Economic Systems*; Brandt Commission, *North South. A Programme for Survival*; Brandt Commission, *Common Crisis. Cooperation for World Recovery*; B. E. Coates, R. J. Johnston & P. L. Knox, *Geography and Inequality*; P. Odell, *Oil and World Power*; J. Rees, *Natural Resources: Allocation Economics and Policy*.

Detailed reading lists will be issued during the course appropriate to each of the main themes considered. **Examination Arrangements:** There is a three hour formal examination in the Summer Term based on the syllabus. A wide choice of questions will be provided of which three are to be answered all carrying equal marks. Some 75% of the total marks will be allocated to this written unseen examination. The remaining 25% of the marks will be allocated to course work prepared for class teachers in the form of two extended essays each of not more than 3,000 words. Topics for these essays will be assigned in the Michaelmas and Lent Terms and are to be submitted to Mrs. P. Farnsworth (Department of Geography Administrative Secretary, Room S409) on the first day of the Lent Term (12 January 1987) and the first day of the Summer Term (29 April 1987) respectively.

Gy1808

Man And His Physical Environment

Teacher Responsible: Mr. D. K. C. Jones, Room S506B (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for 2nd year B.A./B.Sc. course unit main field Geography and B.Sc. (Econ.) Part II. Environment and Planning. Also available for other B.Sc. (Econ.) Part II and B.A./B.Sc. course unit main field subjects, Diploma, General Course and single-term students.

Scope: An analysis of the nature, causes, and effects of, and the alternative solutions to, the key environmental and renewable resource problems faced by mankind.

Syllabus:

1. An analysis of the varied two-way interactions between human societies and the physical (natural) environmental systems. This will take the whole of the Michaelmas Term and is divided into two main parts. First, there will be an examination of the nature, significance and trends of natural hazard impacts (e.g. earthquakes, hurricanes, floods) and the variety of adjustments (both structural and non-structural) that can be adopted to minimize hazard losses. Second, attention will focus on the ways in which human activities can result in 'environmental' and renewable resource problems. The character, causes and significance of a range of issues will be examined including the CO₂ 'Greenhouse' effect, fluorocarbons and the ozone shield, desertification accelerated soil erosion, the impact of chemical pesticides, and aspects

of air and water pollution (e.g. lead, acid rain, sewage treatment).

2. The role of population growth, technological change, consumerism and market defects in the creation of renewable resource and environmental problems.

3. An assessment of the commonly proposed solutions to renewable resource scarcity, depletion and environmental pollution problems.

4. The socio-economic, administrative, and political difficulties encountered in environmental management in practice. These will be considered at various spatial scales – international, national and local – and will include case material from advanced capitalist, socialist and third world countries.

5. Consideration of the main techniques for assessing the environmental damage caused by development and the benefits of control and conservation (e.g. environmental impact assessment, benefit-cost analysis, landscape evaluation).

Pre-Requisites: None.

Teaching Arrangements: Lectures (Gy206): Two lectures per week in the Michaelmas and Lent Terms. Classes (Gy206a): Ten classes at fortnightly intervals. The lecturing and class teaching responsibilities are shared by Mr. D. K. C. Jones and Dr. J. A. Rees (Room S506A).

Reading List: No one book or small group of books adequately covers the themes considered in the course, and separate reading lists are provided for each distinct part of the syllabus. Basic reading material includes: R. Barnett, *The Lean Years: Politics in the Age of Scarcity*, 1980; I. Burton, R. W. Kates & G. F. White, *The Environment as Hazard*, 1978; R. Carson, *Silent Spring*, 1962; P. R. Ehrlich & A. H. Ehrlich, *Population, Resources and Environment*, 1970; H. D. Foster, *Disaster Planning*, 1979; A. S. Goudie, *The Human Impact*, 1981; R. L. Heathcote, *The Arid Lands: Their Use and Abuse*, 1983; K. Hewitt, *Interpretations of Calamity*, 1983; M. W. Holdgate, *A Perspective of Environmental Pollution*, 1979; G. Mitchell, *Geography and Resource Analysis*, 1979; T. O'Riordan, *Environmentalism* (2nd edn.), 1981; A. U. Kneese & E. L. Schultze, *Pollution, Prices and Public Policy*, 1975; F. Sandbach, *Principles of Pollution Control*, 1982; B. Ward, *Progress for a Small Planet*, 1979; J. Whitlow, *Disasters*, 1980.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. The examination paper will normally contain 8 or 9 questions from which any 3 must be answered.

Gy1812

Physical Geography

Teacher Responsible: Professor C. Embleton, KCL, Room 218 Norfolk Building; Miss H. Scoging, LSE, Room S414.

Course Intended Primarily for Course compulsory for B.A./B.Sc. Geography 1st year.

Scope: Students are introduced to the systems approach in physical geography, with emphasis placed on global systems, the ecosystem and the hydrological system. Some human and environmental interactions will be introduced in the latter half of the course.

Syllabus:

A. Systems in Physical Geography (6 lectures). Nature, structure and processes of systems, concepts of equilibrium and dynamic behaviour, palaeosystems and environmental change.

B. Processes and Patterns in Global Systems (12 lectures). First order controls in environmental systems, earth structure, tectonics, sea level change, climate.

C. The Ecosystem (6 lectures). Structure of ecosystem, function and behaviour, abiotic, biotic factors, succession, evolution, migration.

D. (13 lectures) Global and catchment energy – water – sediment systems. Global energy cascade; primary and secondary circulation systems; cyclogenesis. Hydrological system. Catchment morphological, cascade and process-response systems. Soil erosion and flood control systems.

Teaching Arrangements: Lectures (Gy101): 40 hours Michaelmas and Lent Terms.

Classes (Gy101a): 20 hours Michaelmas and Lent Terms (for LSE students).

Reading List: Comprehensive reading lists will be supplied by course teachers, but the following are basic texts: I. D. White, D. N. Mottershead & S. J. Harrison, *Environmental Systems*, 1984; R. J. Chorley & B. A. Kennedy, *Physical Geography: A Systems Approach*; C. D. Ollier, *Tectonics and Landforms*; K. Simmonds, *Biogeography*; J. Moran, M. Morgan & J. Wiersma, *Introduction to Environmental Science*; R. J. Rice, *Fundamentals of Geology*; R. J. Chorley, *Introduction to Geographical Hydrology*.

Examination Arrangements: A three hour formal examination will be held in the Summer Term.

Gy1816

Methods in Geographical Analysis

Teacher Responsible: Miss H. Scoging, Room S414 (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. Geography (compulsory first year) course unit; Diploma in Geography; Beaver College.

Scope: An introduction to techniques of collection, description, analysis, and interpretation of geographical data and interrelationships in human and physical environments; familiarity with basic geographical tools and development of skills, ranging from numerical, statistical and graphical to cartographical. Use of computer packages MINITAB and MAPICS.

Syllabus: Techniques and methodologies in Geography in relation to current paradigms.

1. **Sources of geographical data.** Primary and secondary data sources; landscape, maps, air photos and satellite images; texts, survey census and archive data. Scales of measurement, discrete and continuous, point, linear, areal data.

2. **Description and organisation of geographical data.** Graphical: graphs, histograms, box and dot plots, stem and leaf diagrams. Minitab.

Cartographic and remote sensing; landscape identification and unit description; constraints and uses of generalisation. Mapics package.

Statistical: frequency distributions, statistical descriptors; measures of central tendency, dispersion and distribution shape. Minitab.

3. **Analytical and Inferential Methods.** Probability; probability distributions – binomial, poisson, normal. Statistical sampling and estimation theory. Population – sample relationships.

Confidence intervals, hypothesis tests for small and large samples.

Correlation and regression analysis.

Most of this section will be taught through its application to London Borough, Ward and Enumeration District analysis of census variables, and will make use of MINITAB and MAPICS computer packages.

Teaching Arrangements: Lectures: 40 hours – Michaelmas and Lent Terms (Gy104). Practical work (classes: LSE; practicals: KCL) 20 × 2 hours – Michaelmas and Lent Terms (Gy104a). Two whole-day field classes. Field work in the Easter vacation.

Written Work:

1. *Practicals:* Presentation of a number of core projects, each comprising a series of integrated themes. Data collection, description, analysis and interpretation will be stressed.

2. *Field Work:* Reports on two supervised group projects and one individual project from the field week. Progress of practical work will be regularly monitored by class teachers and a graduate demonstrator. A record of all practical and field work should be kept by each student (see Examination Arrangements).

Reading List: There is no single text book covering the course. Comprehensive reading lists will be provided for each section of the course, and references supplied for individual topics by the teachers responsible.

General background and context: A. Holt-Jensen, *Geography, its history and concepts*; D. Gregory, *Ideology: Science and Human Geography*.

Statistical Applications in Geography: D. Ebdon, *Statistics in geography: a practical approach*; J. Silk, *Statistical concepts in geography*; G. B. Norcliffe, *Inferential statistics for geographers*; R. Baxter, *Statistical computing techniques for planners*.

Graphic, Cartographic and pictorial description and analysis: D. Unwin, *Introductory Spatial Analysis*; G. C. Dickinson, *Maps and air photographs* (2nd edn.); A. Robinson, R. Salt & J. Morrison, *Elements of Cartography* (3rd or 4th edn.); J. R. G. Townsend, *Terrain analysis and remote sensing*.

Examination Arrangements: (i) *A formal 3-hour examination.* 3 questions from a choice of 8-10.60%.

(ii) Presentation of practical exercises 30%. Marked on the basis of accuracy, comprehension, evaluation and presentation. Submitted on the day of the formal examination. (iii) Illustrated written report of field work projects: two supervised; one individual. Individual interpretations of data collected by group will be expected. Presented on the day of the formal examination. 10%.

Gy1817

Techniques in Physical Geography

Teachers Responsible: LSE, Miss H. Scoging, Room S414 (Secretary, Miss N. Herbert, S508). KCL

Advisor, Dr. R. Gardner, Room 453, Norfolk Building. **Course Intended Primarily for** B.A./B.Sc. Geography 2nd year students 1 c.u.

Scope: To provide basic laboratory and field training in the techniques commonly used in physical geography.

Syllabus:

Term 1. Lectures and practicals provide an introduction to and training in the identification of common rock types; methods in laboratory analysis of physical, chemical and mineralogical properties of materials; particle transport and sedimentation; environmental energy and water fluxes.

Term 2. Analysis of secondary data sources including topographical, geological and geomorphological maps, remote sensing; techniques of correlation and dating, computer modelling and simulation.

Pre-Requisites: None.

Teaching Arrangements: 4 hours (lectures (Gy213), practicals (Gy213a)) each week during Michaelmas and Lent Terms. Attendance is also required on a 5-6 day field trip during Easter Vacation.

Written Work and Examinations:

1. Practical notebook 30%
2. Field Work report 20%
3. Formal 3-hour examination 50%

Written work to be handed in at the beginning of the Summer Term.

Gy1821

Social Geography: Spatial Change and Social Process

Teacher Responsible: Dr. S. S. Duncan, Room S512 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for B.A./B.Sc. c.u. 2nd year; B.Sc. (Econ.) Geography.

Scope: An introduction to the political economy of spatial change, concentrating on the urban question and the regional question in advanced capitalist societies especially Britain. However, reference is also made to other examples and situations as appropriate.

Syllabus:

- (a) Geography and understanding social change: the critique of quantitative geography and alternatives;
- (b) Spatial patterns and social behaviour;
- (c) Modes of production and regional inequality;
- (d) The labour process and spatial change;
- (e) The reserve army of labour and the urban question;
- (f) Home life, patriarchy and spatial structure;
- (g) Location and culture;
- (h) Ideology, production and consumption in the built environment;
- (i) The capitalist state and the locality.

Teaching Arrangements: One lecture course (Gy209) (20 Michaelmas Term, 20 Lent Term) accompanied by fortnightly classes (Gy209a). Classes require prior preparation and active participation by students. 2 essays each term based on seminar discussion.

Reading List: No book or books cover the course, and use of research papers etc., will be necessary (most of which are held in the Geography Department, Paper Collections, Room S502). Basic reading would include: J. Irive *et al.*, *Demystifying Social Statistics*, 1979; A. Friend & A. Metcalf, *Slump City: the Politics of Mass*

Unemployment, 1981; D. Massey, *Spatial Divisions of Labour*, 1984; J. Anderson, S. Duncan & R. Hudson, *Redundant Spaces in Cities and Regions?*, 1983; G. Stedman Jones, *Outcast London*, 1971; K. Bassett & J. Short, *Housing and Residential Structure: Alternative Approaches*, 1980; P. Saunders, *Urban Politics: a Sociological Approach*, 1979; Women and Geography Study Group, *Geography and Gender*, 1984.

Examination Arrangements: One 3-hour sit-down unseen paper (3 questions out of 9), 75% of marks; one extended essay from list provided or via authorised student choice of 3,000 words to be handed in mid-May, 25% marks.

Gy1822

Urban Geography

Teacher Responsible: Dr. A. M. Warnes, KCL Room 454 Norfolk Building. (LSE Adviser: Mr. J. R. Drewett, Room S408).

Course Intended Primarily for 2nd Year B.A./B.Sc. Geography and B.Sc. (Econ.) students. 1 c.u.

Scope: Spatial aspects of urbanisation and urban structures with special reference to British and American cities.

Syllabus: Concepts of urbanisation and urbanism; the pre-industrial city; social forms and residential patterns in the mercantilist city; industrialisation, economic change and urbanisation in the nineteenth century; the British housing market; the emergence of town planning and its impact on urban social geography; the dimensions of residential segregation in British and American cities; the bases of these dimensions and their spatial expression; the commercial and industrial structures of contemporary cities, contemporary urban problems.

Pre-Requisites: A knowledge of human geography is desirable.

Teaching Arrangements: There are 40 lectures (Gy210), held twice weekly. Classes (Gy210a) are arranged at LSE and tutorial support is given at KCL.

Reading List: D. T. Herbert & C. J. Thomas *Urban Geography: A First Approach*, 1982; H. Carter, *The Study of Urban Geography*, 1981; P. Knox, *Urban Social Geography*, 1981; B. T. Robson, *Urban Social Areas*, 1975; R. E. Pahl, *Whose City?* 1975; K. Bassett & A. Short, *Housing and Residential Segregation*, 1980.

Examination Arrangements: One three-hour paper, accounting for 75% of total marks, in which three out of 8-9 questions must be answered. Two course papers to be written during the session (maximum 1,500 words each), accounting for 25% of total marks.

Gy1824

The Location of Economic Activity

Teacher Responsible: Dr. J. E. Martin, Room S510 (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. c.u. Geography, 2nd year. B.Sc. (Econ.) Part II; Diploma. General Course and Beaver College students.

Syllabus: The aim is to make a thorough examination of the more important factors that influence decision-

makers in the allocation of investment capital over space. Attention will be paid to theoretical and empirical explanations of the location patterns of economic activity. The assumptions of classical location theory will be reviewed and reassessed in the light of modern developments and experience. In addition to the examination of the classical influences on spatial patterns of production, attention will be given to such elements as the role of technological change and innovation, the organisational structure of firms and their decision making behaviour, the effects of market structure, environmental protection and government intervention. Illustrative material will be taken, as appropriate, from the agricultural, mining, manufacturing and service sectors.

Pre-Requisites: Some background in economics will be assumed.

Teaching Arrangements:

Lectures (Gy208); 42, twice weekly in the Michaelmas, Lent and Summer Terms 1986-87 given by Dr. R. C. Estall (Room S509) and Dr. J. E. Martin (Room S510). Classes (Gy208a): 10 fortnightly (Dr. Martin). Students will normally be expected to write three essays and to prepare a paper for these classes.

Reading List: Several books will be referred to repeatedly and can be regarded as "basic texts". These are: *P. E. Lloyd & P. Dicken, *Location in Space*, (2nd edn.), 1977; *R. C. Estall & R. O. Buchanan, *Industrial Activity and Economic Geography*, (4th edn.), 1980; M. Chisholm, *Geography and Economics*, (2nd edn.), 1970; D. M. Smith, *Industrial Location*, (2nd edn.), 1981; G. T. Karaska & D. F. Bramhall (Eds.), *Locational Analysis for Manufacturing*, 1969; F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organisation and Decision Making*, 1974; M. Pacione (Ed.), *Progress in Industrial Geography*.

*Books which students need to buy are asterisked.

Supplementary Reading List: Additional reading lists will be provided as appropriate.

Examination Arrangements: Three hour formal examination in the Summer Term; three questions to be attempted from about ten set.

Gy1829

Historical Geography of the British Isles

Teacher Responsible: Dr. D. R. Green, KCL, Room 333, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S560B).

Course Intended Primarily for 2nd Year Geography B.A./B.Sc. and B.Sc. (Econ.) students. 1 c.u.

Scope: The course has three principal objectives: to provide an adequate understanding of the evolution of the British landscape from the Iron Age to the late 19th century; to introduce theoretical and methodological approaches in historical geography and to furnish a working knowledge of the available source materials; to provide a training for the application of this knowledge in the field.

Syllabus: The geography of pre-Medieval English settlement; the nature of feudalism; Medieval agriculture, industry and trade; agrarian capitalism in

early-modern England; the transition from domestic production to the factory system; transport and commercial innovations in the 18th and 19th centuries; agrarian change in the 18th and 19th centuries; geography of social protest; economic, social and political structure of 19th century cities.

Pre-Requisites: None.

Teaching Arrangements: The course (Gy212) consists of three components: a series of 36 lectures detailing the major aspects of landscape change; a series of 8-10 classes examining important sources of evidence; a field trip of approximately 5 days' duration to demonstrate historical change in a regional setting.

Reading List: Students will be expected to read widely. Short specialist reading lists will be provided in the course of the lectures. The following are recommended: J. Chambers & G. Mingay, *The Agricultural Revolution 1750-1880*, 1966; H. C. Darby (Ed.), *A New Historical Geography of England*, 1976; R. Dodgshon & R. Butlin (Eds.), *An Historical Geography of England & Wales*, 1978; M. Dunford & D. Peirons, *The Arena of Capital*, 1983; E. Pawson, *The Early Industrial Revolution*, 1979; M. Postan, *The Medieval Economy and Society*, 1972; R. Tawney, *The Agrarian Problem in the Sixteenth Century*, 1912.

Examination Arrangements: One three-hour examination consisting of three questions and counting for 70% of the total marks. Two term essays of approximately 2,000 words each, accounting for 30% of the total assessment.

Gy1840

Geomorphology I

Teacher Responsible: Professor D. Brunsten, KCL, Room 455, Norfolk Building. (LSE Adviser: Miss H. Scoging, Room S414)

Course Intended Primarily for B.A./B.Sc. Geography 2nd Year Course Unit, Human Environmental Studies (KCL), Beaver College and Civil Engineering students.

Scope: Students are introduced to the main processes of landform sculpture under differing climatic and structural environments, and to the techniques used in process investigations.

Syllabus:

Weathering and Mass Movements: Basic geomorphological characteristics, stress-strain relationships, climatic and geologic controls on weathering, physical biotic and chemical weathering. Products of weathering. Mass movements, physical principles, soil creep, block fall, landslides, debris flows. Application to engineering and human impact. (10 lectures).

Glacial and periglacial process; physical principles of ice and glacier formation. Glacial budgets, ice determination. Principles of glacial erosion and deposition, and resulting landforms. Past and present periglacial processes, solifluction, ice wedges, patterned ground. (8 lectures).

Hillslope and fluvial processes: drainage basin characteristics, hydrological cycle, infiltration, interception, throughflow, overland flow. Process form relationships under differing climatic regimes. Soil erosion - sheet, rills, gullies. Fluvial networks, principle

of fluid flow, channel hydraulics. Shear stress, roughness, entrainment of sediment, transport and deposition. Meandering and braiding, flood plain and long profile development. (10 lectures).

Karst processes and landform: Limestone distribution, chemistry of solution, controls on processes. Karstic landforms. (2 lectures).

Aeolian processes: desert distribution, desert surfaces, wind erosion processes, abrasion, deflation, sand movement, bedforms in granular material, dune patterns. (4 lectures).

Coastal processes: wave and tide energy, and distribution wave forms, erosion, structural controls, beach forms, rip currents, headland erosion, longshore drift. (4 lectures).

Pre-Requisites: Most B.A./B.Sc. students are expected to have taken Gy101 **Physical Geography** in their 1st year, but there are no formal pre-requisites.

Teaching Arrangements:

Lectures (Gy203): 40 hours Michaelmas and Lent Term.

Classes (Gy203): 10 hours for LSE students. Tutorials for KCL students. A one-week field class.

Fieldwork: Students are expected to attend a week's field course held in the Easter vacation as a compulsory integral part of the course.

Written Work: Students will be required to submit a written report of 3,000 words on their field course, particularly their group and individual project work undertaken during the field week.

Reading List: A comprehensive reading list is provided with lecture handouts but the following are basic texts: D. Carroll, *Rock Weathering*; C. Ollier, *Weathering*; M. A. Carson & M. J. Kirkby, *Hillslope Form and Process*; C. Embleton & J. B. Thornes, *Process in Geomorphology*; C. Embleton & C. A. M. King, *Glacial Geomorphology*; C. A. M. King, *Periglacial Geomorphology*; K. J. Gregory & D. Walling, *Drainage Basin Form and Process*; V. T. Chow, *Open Channel Hydraulics*; R. U. Cooke & A. Warren, *Geomorphology in Deserts*; A. Goudie (Ed.), *Geomorphological Techniques*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Three questions are to be answered from a choice of 9 or 10 covering aspects from the six main process sections of the course. 80% of the total assessment of the course is based on the exam paper, the other 20% is awarded on written work from the field course.

Gy1841

Soil Science

Teacher Responsible: Dr. J. Pitman KCL, Room 449, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for 2nd and 3rd Year B.A./B.Sc. Geography students, also Geology and Plant Sciences (KCL). $\frac{1}{2}$ c.u.

Scope: The course introduces the principles and practices of elementary soil science, particular emphasis being given to soil profile characteristics on both a local and a global scale. Emphasis is placed on field and laboratory determinations of soil properties, and training is given in elementary soil analysis.

Syllabus: Description and definition of soil properties; soil mineral matter; soil organic matter; soil clays, soil hydrology; soil physics; soil horizons and their development; diagnostic horizons; soil processes; soils of the world; soil classification; soils and agriculture; problem soils of the world; soils, pesticides and herbicides.

Pre-Requisites: "O" level Chemistry is essential.

Teaching Arrangements: Twenty hours of lectures (Gy215) and approx. thirty hours of laboratory practicals, usually arranged as two hours' lecturing one week alternating with three hours' practical the following week. Seminar at end of course. One weekend field course at Rogate in October.

Reading List: Detailed reading lists are given throughout the course. The following books are recommended, White and Duchaufour being the class texts: P. Duchaufour, *Pedology I: Pedogenesis and Classification*, Allen & Unwin, 1977, 1982; P. Duchaufour, *Pedology II: Constituents and Properties*, Academic Press, 1977, 1982; R. E. White, *Principles and Practice of Soil Science*, Blackwell, Oxford, 1979; E. W. Russell, *Soil Conditions and Plant Growth*, (10th edn.), Longman, 1971.

Examination Arrangements: One three-hour written paper, accounting for 75% of total marks, in which three questions must be answered; Question 1 is compulsory, carrying 40% of marks for the paper. 25% of total marks are given for the practical laboratory and field work, which has to be written up and presented in mid-February, when the practical classes finish.

Gy1842

Biogeography

Teacher Responsible: Dr. E. M. Yates, KCL, Room M68, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for either 2nd or 3rd Year B.A./B.Sc. students. In view of the field work requirement is best taken in the second year. 1 c.u.

Syllabus: An examination of certain of the factors controlling the distribution of plants and animals; aspects of the composition and structure of the major plant formations, and of the vegetation of the British Isles.

Pre-Requisites: Obviously it is advantageous to have some knowledge of botany, but such knowledge is not sine qua non.

Teaching Arrangements: 50 lectures (Gy204). Two lectures a week, plus classes; plus a field class held at the beginning of the Summer Term (or end of the Easter vacation).

Reading Lists: Are provided during the course but there are three basic texts: R. Good, *The Geography of Flowering Plants*, 1947 (and subsequent editions); H. Walter, *Vegetation of the Earth*, 1975; H. G. Tansley, *The British Isles and their Vegetation*, 1949.

Examination Arrangements: Consists of one formal examination of 3 hours, the paper having eight to nine questions from which three are to be selected. A report on work done during the field class carries 25% of the total marks of the course.

Gy1843

Meteorology and Climatology

Teacher Responsible: Dr. M. E. Jones, KCL, Room 217A, Norfolk Building; Dr. B. W. Atkinson, Queen Mary College; Mr. C. Agnew, University College London. (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for 2nd or 3rd Year B.A./B.Sc. students. 1 c.u.

Scope: The course is an advanced study of the physical characteristics and processes of the earth's atmosphere, and examines the principles of physical and dynamic climatology.

Syllabus: The course begins with radiation and the heat balance, and then the water balance. Regional circulation systems are examined, firstly in extratropical regions, and then in the tropics. Then smaller scale features, the meso-scale circulations are studied. Finally, the general circulation of the atmosphere is elucidated. Practical aspects of data handling and measurement techniques are discussed, together with pertinent current problems of meteorology and climatology.

Pre-Requisites: First year physical basis in geography.

Teaching Arrangements: This is an inter-collegiate course (Gy205), involving one lecture per week for 25 weeks, and one tutorial each week, which covers practical exercises, and discussions on techniques and current papers.

Reading List: Each section of the course has specific reference lists. A general reading list is given below, covering the broad outline of the course.

G. Palmer & C. W. Newton, *Atmospheric Circulation Systems*, AP, 1969; W. D. Sellers, *Physical Climatology*, University of Chicago Press, 1965; B. W. Atkinson, *Meso-Scale Atmospheric Circulation*, AP, 1981; B. W. Atkinson (Ed.), *Dynamical Meteorology*, Methuen, 1981; P. G. Wickham, *The Practice of Weather Forecasting*; Jen-Hu Chang, *Atmosphere Circulation, Systems and Climates*, Oriental Pub. Co., Hawaii, 1972; D. H. MacIntosh & A. S. Thom, *Essentials of Meteorology*, Wykeham Publ. Ltd., 1969.

Examination Arrangements: One three-hour examination, accounting for 80% of the course assessment. Three questions must be selected from 8 or 9 questions. Course work, accounting for 20% of the assessment, will consist of at least 5 practical exercises and some 2-3 essays.

Gy1844

Elements of Hydrology

Teacher Responsible: Dr. J. I. Pitman, KCL, Room 449, Norfolk Building (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for 3rd year B.A./B.Sc. Geography students, also for Geology students. $\frac{1}{2}$ c.u.

Scope: The course describes and analyses the factors which govern the storage and flow of water above, upon and within the earth's surface. It examines those factors quantitatively, and emphasises the importance of water as a resource. Applied aspects of water resources are also examined.

Syllabus: This is in three parts:

Part I components of the hydrological cycle and their measurement: precipitation; interception; soil moisture; infiltration; evaporation and transpiration; groundwater; channel flow.

Part II flow; transfer of moisture between surface and atmosphere; soil water flow; groundwater flow; hillslope hydrology; channel-flow.

Part III modelling flows and groundwater unit hydrographs and channel flow; soil-plant-atmosphere models.

Pre-Requisites: None.

Teaching Arrangements: One hour each week of lectures (Gy202) and tutorials per week for 20 weeks; a weekend field class at Rogate.

Reading List: J. C. Rodda, R. A. Downing & F. M. Law, *Systematic Hydrology*, Butterworths, 1976; R. C. Ward, *Introduction to Hydrology*.

Examination Arrangements: One three-hour written paper, accounting for 75% of total marks, in which three questions must be answered. 25% of total marks are given for the field notebook together with four class practical exercises.

Gy1857

Advanced Methods in Geographical Analysis

Teacher Responsible: Miss H. Scoging, Room S414 (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. Geography course unit second year; Diploma in Geography.

Scope: The course builds on the first year Methods in Geography course, developing theoretical and applied skills in human and environmental geographical analysis. The student will be taught how to ask appropriate geographical questions and to apply problems solving methods involving data collection, handling, processing, display and analysis. This theoretical component will be developed via applications of problem solving methods.

Syllabus:

1. *Introduction:* Philosophical principles, paradigms. Systematic application of geographical techniques.
2. *Geographical Methods:* (i) Data collection and handling. Types of data collection/capture; Spatial data representation, digital terrain models; data base management. (ii) Data processing. Development of geographical hypotheses; algorithms, problem solving techniques. Statistical techniques including statistical packages (parametric methods e.g. correlation and regression, factor analysis) and analysis of nominal scaled variables: Interpretation of analytical results. (iii) Data display and communication. Computer-aided mapping, graphical display, dynamic display, spatial and temporal change.
3. *Geographical Applications:* Themes to illustrate application of techniques developed in 2. (Subject to variation) e.g. Computer mapping and communication. Government policy for population and employment changes. Data capture/information systems.
4. *Individual problem-solving projects:* Students with the guidance of class teachers, will be asked to select their own independent project, to specify the nature of

their geographical enquiry, and to bring to bear the tools learnt in the first part of the course to evaluate their selected issue.

Teaching Arrangements: Lectures (Gy201) 20 × 2 hours Michaelmas and Lent Terms. Classes (Gy201a) 20 × 2 hours Michaelmas and Lent Terms.

Written Work:

1. Three course themes to be submitted as practical work involving appropriate elements of applied techniques.

2. Individual problem-solving project combining essay and analytic work.

A considerable emphasis is placed on practical work, and progress will be monitored throughout the year by class teachers. (See Examinations.)

Reading List: Appropriate reading lists will be available for each part of the course. Basis texts include: R. J. Johnston, *Multivariate Statistical Analysis in Geography*; J. Silk, *Statistical Concepts in Geography*; P. J. Taylor, *Quantitative Methods in Geography*; R. J. Rummel, *Applied Factor Analysis*; B. H. Erickson & T. A. Nosanchuk, *Understanding Data*.

Examination Arrangements:

1. A formal 3-hour examination 3 questions from a choice of 8-9. 40%.

2. Three groups of practical work related to specific course themes. 40%.

3. Individual Project 20%.

Practical work to be handed in on the day of the formal examination.

Gy1876

Economic and Regional Geography of the British Isles

Teacher Responsible: Mr. D. J. Sinclair Room S410, (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.A./B.Sc. Geography c.u. 2nd or 3rd year, B.Sc. (Econ.) Part II (iv) (k).

Scope: The course analyses principal changes in the social and economic geography of Britain since 1945 and the causes of the changes are discussed. An introduction to source materials is provided.

Syllabus: An appreciation of the physical, social, economic and political conditions that have influenced modern patterns of settlement, population, industry and land use. Special studies of selected industrial and agricultural areas. The course is divided into two sections. In the Michaelmas Term topics are treated systematically e.g. population change, resource development, agriculture, industry, transport, urban development. In the Lent Term treatment is mainly by regions. It is necessary to attend both sections.

Pre-Requisites: Some previous knowledge of geography is desirable but not essential. The main pre-requisite is an interest in what is currently happening to the environment in Britain.

Teaching Arrangements: In addition to the 45 lectures (Gy220) (twice weekly), classes are arranged during the Michaelmas and Lent Terms and in the early part of the Summer Term. Students are required to prepare short papers on agreed topics for discussion. Essay topics are set from time to time during the course.

Reading List: A full study guide and list of references is issued to students early in the course. This reading list contains many of the principal books recommended but students are advised to read widely in relevant journals.

J. W. House (Ed.), *The UK Space; Resources Environment and the Future*, Weidenfeld and Nicholson; R. J. Johnston & J. C. Doornkamp, *The Changing Geography of the United Kingdom*, Methuen 1982 (very useful for the Michaelmas Term); G. Manners, D. Keeble, B. Rodgers & K. Warren, *Regional Development in Britain* (2nd edn.), very useful for the Lent Term.

R. Dennis & H. Clout, *A Social Geography of England and Wales*, Pergamon, 1980; N. Spence et al., *British Cities, an Analysis of Urban Change*, Pergamon, 1982; J. Fernie, *A Geography of Energy in the UK*, Longman, 1980; J. Blunden, *The Mineral Resources of Britain*, Hutchinson, 1975; J. T. Coppock, *An Agricultural Atlas of Great Britain*, Faber, 1976; R. H. Best, *Land Use and Living Space*, Methuen, 1981; P. Hall, *The Containment of Urban England*, Allen & Unwin, 1974; P. Hall (Ed.), *The Inner City in Context*, Heinemann, 1981; G. McCrone, *Regional Policy in Britain*, Allen & Unwin; M. Blacksell & A. Gilg, *The Countryside, Planning and Change*, Allen & Unwin, 1981; J. B. Goddard & A. G. Champion, *The Urban and Regional Transformation of Britain*, Methuen, 1983. *The Ordnance Survey Atlas of Great Britain*, Country Life Books, 1982, especially the textual matter.

Examination Arrangements: There is a three hour formal examination in the Summer Term on which the assessment is based. Students are required to answer 3 questions from a paper of 9 or 10 questions.

Gy1877

Europe

Teacher Responsible: Mr. D. J. Sinclair, Room S410 (Secretary, Mrs. P. Farnsworth, S409) with Dr. J. E. Martin and Dr. F. E. I. Hamilton.

Course Intended Primarily for B.A./B.Sc. Geography (Optional 2nd or 3rd year) Degree, 1 c.u.; B.Sc. (Econ.) Part II, Diploma in Geography.

Scope: A survey of contemporary themes in the geography of Europe, examining its spatial attributes in the context of political and economic integration.

Syllabus: Western and Eastern Europe in context. Moves towards economic integration since 1945. The evolution of the EEC and COMECON.

The size, structure and spatial distribution of population. The labour market; patterns and trends of employment. Sectoral and regional changes in agriculture and industry.

The onset of de-industrialisation? The tertiarisation of society.

The European resource base. Fuel and energy resources. Energy policies and regional development. Comparative analyses of national and regional planning for economic development and social progress.

Studies of selected areas in Western and Eastern Europe to exemplify themes in the relationship between society and environment.

Pre-Requisites: None.

Teaching Arrangements:

Lectures (Gy221): 40 hours, Michaelmas and Lent Terms.

Classes: 10 hours, Sessional.

Class arrangements provide for the exploration of central themes and for revision in the Summer Term. **Reading List:** A consolidated reading list is provided at the beginning of the course, to be supplemented during the course by references to periodical literature on specific topics and areas. While the ability to read in French or German would be an advantage, the available literature in English is more than adequate for the needs of the course. The following texts are recommended as important sources:

H. D. Clout (Ed.), *Regional Development in Western Europe*; P. L. Knox, *The Geography of Western Europe*; K. Allen & MacLennan, *Regional Problems and Policies*; J. R. Boudeville, *Problems of Regional Economic Planning*; J. T. Connor and W. L. Batt, *Area Redevelopment Policies in Britain and the Countries of the Common Market*; A. Emmanuel (Ed.), *The Regional Factor in Economic Development*; R. A. French and F. E. I. Hamilton, *The Socialist City*; P. Hall & D. Hay, *Growth Centres in European Urban Systems*; F. E. I. Hamilton, *Planned Economies*; G. W. Hoffman (Ed.), *A Geography of Europe: Problems and Prospects*; G. W. Hoffman (Ed.), *Eastern Europe, Essays in Geographical Problems*; J. W. House, *France: An Applied Geography*; R. Lee & P. E. Ogden, *Economy and Society in the E.E.C.*; A. Williams (Ed.), *Southern Europe Transformed*; R. E. H. Mellor, *Eastern Europe*; J. N. Tuppen, *The Economic Geography of France*, 1983; G. Parker, *A Political Geography of Community Europe*; A. M. El-Agraa (Ed.), *The Economics of the European Community*, 1980; D. Yuill, K. Allen & C. Hull (Eds.), *Regional Policy in the European Community*, 1982.

Examination Arrangements: There is a three hour formal written examination in the Summer Term in which students are required to answer 3 questions from a choice of 8 or 9.

Gy1879

Geography of The Soviet Union

See Gy1886

Gy1880

North America I Geographical Patterns of Resources and Economic Development in the United States

Teacher Responsible: Dr. R. C. Estall, Room S506 (Secretary, Nesta Herbert, S508)

Course Intended Primarily for B.A./B.Sc. Geography 3rd Year $\frac{1}{2}$ unit course. (1 unit course with North America II); B.Sc. (Econ.) Part II 2nd or 3rd year with North America II); Diploma (with North America II).

Scope: The course reviews the spatial patterns and problems of economy and society in the USA and the role of government in relation to economic development and spatial change.

Syllabus: Systematic studies of population, land use, the energy and minerals industries, the farm economy, manufacturing industry, tertiary activities and the urban system. Emphasis is placed on current national issues, such as patterns of employment, environmental concerns, energy problems and the implications of federal government activities.

Pre-Requisites: Participants should have at least an elementary background in economics and preferably, but not necessarily, in human geography.

Teaching Arrangements: Two lectures (Gy223) per week in the Michaelmas Term, followed by five classes (Gy223a) in the Lent Term. (Special class arrangements are made for General Course students).

Written Work: Will be done in association with classes. The class may opt to write a course essay of up to 2,500 words on a selected theme which would count for 25% of marks in the final examination.

Reading List: No one text adequately covers the themes dealt with here, and much reading is from recent articles recommended as the course progresses. The course closely follows the pattern set out in: R. C. Estall, *A Modern Geography of the United States* (2nd edn.), 1976.

Other basic reading will be found in: J. H. Paterson, *North America* (6th edn.), 1979, especially chapters 2 to 7; S. D. Brunn & J. O. Wheeler, (Eds.), *The American Metropolitan System*, 1980.

See also: *The Oxford Regional Economic Atlas of the United States and Canada* (2nd edn.), 1975.

Examination Arrangements:

B.A./B.Sc. Geography, $\frac{1}{2}$ unit course: A three-hour formal examination paper is taken in the Summer Term, with three questions to be answered from about nine set. This examination accounts for 100% of marks, unless the class opts for the course essay mentioned above, when the 3-hour examination counts for 75%. *B.Sc. (Econ.)* and 1 unit *B.A./B.Sc.* course, see North America II.

Gy1882

Latin America I: Pre-Industrial Societies

Teacher Responsible: Dr. L. A. Newson, KCL, Room 222, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for B.A./B.Sc. Geography and B.Sc. (Econ.) 2nd or 3rd year students. $\frac{1}{2}$ c.u.

Scope: The course examines the origin, nature and evolution of pre-industrial societies in Latin America. Special emphasis is placed on the impact of Spanish and Portuguese colonialism.

Syllabus: The evolution of bands, tribes, chiefdoms and states, with some emphasis on the origins of agriculture, urbanism and the state. The nature of Spanish and Portuguese colonialism and changes brought about in the settlement patterns, economy, social structure and religion of Latin America. Special interest is shown in the nature of cultural and demographic changes experienced by the Indians.

Pre-Requisites: None.

Teaching Arrangements: Normally 25 lectures (Gy224), given once a week throughout the year. When

the teacher has study leave, the lectures will be given twice a week during the one term only. Students should check the arrangements for lectures each year.

Written Work: The class may opt to write a course essay which would count for 20% of the marks, thus making the examination count for 80%.

Reading List: A full list of references will be given to students at the beginning of the course. The following books will be useful: L. Bethell (Ed.), *The Cambridge History of Latin America, Vols. I and II*; H. Blakemore & C. T. Smith, *Latin America: Geographical Perspectives*; C. Wagley, *The Latin American Tradition*; R. C. West & J. P. Augelli, *Middle America: its Lands and its Peoples*; W. T. Sanders & J. Marino, *New World Prehistory*; J. H. Steward & L. C. Faron, *Native Peoples of South America*; C. R. Boxer, *The Portuguese Seaborne Empire*; B. W. Diffie, *Latin American Civilisation: the Colonial Period*; C. Gibson, *Spain in America*; C. H. Haring, *The Spanish Empire in America*.

Examination Arrangements: One three-hour examination paper, counting for 100% of the marks (for alternative arrangement, see under Written Work above). B.Sc. (Econ.) Part II students will have to submit an additional essay to raise the value of this course to the equivalent of a Part II B.Sc. (Econ.) paper.

Gy1883

Latin America II: Industrial Societies

Teacher Responsible: Dr. L. A. Newson, KCL, Room 222, Norfolk Building. (LSE Adviser: Dr. K. R. Sealy, Room S564).

Course Intended Primarily for B.A./B.Sc. Geography and B.Sc. (Econ.) second or third year students. $\frac{1}{2}$ c.u.
Scope: The course examines the origin, nature and evolution of industrial societies in Latin America. Special emphasis is placed on the economic, social and political problems associated with industrialisation.

Syllabus: The nature of industrial society. The geographical impact of political independence in Latin America. The processes and problems of industrialisation. The nature of primary production: agriculture and mining. Land tenure, agrarian reform and colonisation. Transportation and economic integration. Demographic changes and rural-urban migration. Regional inequalities and regional planning. Development strategies and politics.

Pre-Requisites: Ideally Latin America I or Third World courses, but not essential.

Teaching Arrangements: Normally 25 lectures (Gy323), given once a week throughout the year. When the teacher has study leave, the lectures will be given twice a week during one term only. Students should check arrangements for lectures each year.

Written Work: The class may opt to write a course essay which would count for 20% of the marks, thus making the examination count for 80%.

Reading List: A full list of references will be issued to students at the beginning of the course. The following books will be useful: H. Blakemore & C. T. Smith, *Latin America: Geographical Perspectives*; B. W. Blouet & O. M. Blouet, *Latin America: An Introductory Survey*; A. G. Frank, *Capitalism and*

Underdevelopment in Latin America; A. Gilbert, *Latin American Development*; K. Griffin, *Underdevelopment in Latin America*; D. Preston & P. Odell, *Societies and Economies in Latin America*.

Examination Arrangements: One three-hour examination paper, counting for 100% of the marks (for alternative agreement, see under 'Written Work' above). B.Sc. (Econ.) Part II students will have to submit an additional essay to raise the value of this course to the equivalent of a Part II B.Sc. (Econ.) paper.

Gy1884

The Third World: Social and Economic Basis

Teacher Responsible: Professor W. B. Morgan, KCL, Room 104, Norfolk Building. (Secretary, Mrs. C. Baynes, 103, Norfolk Building) (LSE Adviser: Mr. D. K. C. Jones, Room S506B).

Course Intended Primarily for 3rd year B.A./B.Sc. Geography. $\frac{1}{2}$ c.u.

Scope: The aim of the course is to introduce students to the social and economic characteristics of the Third World and the development problems it faces. It will thus examine in general terms most aspects of the geography of the Third World, including agriculture, industry, population, urbanisation and planning, and assess the applicability of models developed in the respective branches of the subject to the Third World. It will also discuss various models of development as applied to the Third World.

Syllabus:

Development characteristics
Aspects of agricultural development
Industrialisation
Population growth problems
Urban development
Income disparities
National & regional planning
Models of development

Pre-Requisites: None.

Teaching Arrangements: Twenty-three lectures (Gy225) Sessional.

Reading List: P. Bairoch, *The Economic Development of the Third World since 1900*, 1975; H. Bernstein (Ed.), *Underdevelopment and Development*, Penguin, 1975; Brandt Report, *North-South: a Programme for Survival*, 1980; H. C. Brookfield, *Interdependent Development*, 1975; J. P. Dickenson et al., *A Geography of the Third World*, 1983; S. Goodenough, *Values, Relevance and Ideology in Third World Geography*, Open University text, 1977; N. Long, *An Introduction to the Sociology of Rural Development*, 1977; A. L. Mabogunje, *The Development Process: A Spatial Perspective*, 1980; A. B. Mountjoy, *Developing the Underdeveloped Countries*, 1971; I. Roxborough, *Theories of Underdevelopment*, 1979; World Bank (IBRD), *World Development Report* (annual).

Examination Arrangements: One three-hour examination. B.Sc. (Econ.) Part II students will have to submit an additional essay to raise the value of this course to the equivalent of a Part II B.Sc. (Econ.) paper.

Gy1886

Gy1879

The Soviet Union

Teacher Responsible: Dr. F. E. I. Hamilton, Room S417 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A./B.Sc.1 c.u. main field Geography 3rd year; Dip. Geography.

Syllabus: This course focusses primarily on the locational and regional impacts of Soviet policies and planning, decisions, and their implementation since 1917. There are two main parts.

The first examines mainly issues that relate to society - physical environment interrelationships: changing state attitudes to the physical environment, its use and conservation; the management of vast area; population changes, patterns and problems; agricultural reorganization and modernization; transport and inter-regional relations.

The second examines the locational and regional objectives, policies, decisions, and management problems, shaping Soviet industrialization, urbanization, and regional economies; city planning, urban form, function and social justice; tourism and recreation.

Pre-Requisites: None.

Teaching Arrangements: 45 lectures and classes (Gy324) Sessional.

Reading List: S. Balzak, F. Vasyutin & Ya Feigin, *Economic Geography of the USSR*; V. Bandera & Z. Lew Melnyk, *The Soviet Economy in Regional Perspective*; J. P. Cole & F. C. German, *A Geography of the USSR*; G. Demko & R. J. Fuchs, *Geographical Perspectives in the Soviet Union*; F. E. I. Hamilton, *The Moscow City Region*; D. J. M. Hooson, *The Soviet Union: A Regional Geography*; P. Lydolph, *A Geography of the USSR*; R. Mathieson, *The Soviet Union*; R. A. French & F. E. I. Hamilton, *The Socialist City*; F. E. I. Hamilton, *Planned Economies*; I. Koropecjy & G. Schroeder, *Regional Economies in the Soviet Union*; M. K. Bandman, *Regional Development in the USSR*; G. Andrusz, *Housing in the USSR*; R. North, *Transport and West Siberian Development*.

Examination Arrangements: One 3 hour written paper equivalent to 75% and an essay equivalent to 25% of the course evaluation.

Gy1887

North America II Regional Studies of Economic Growth and Change

Teacher Responsible: Dr. R. C. Estall, Room S506 (Secretary, Nesta Herbert, S508)

Course Primarily Intended for B.A./B.Sc. Geography 3rd Year (whole unit course includes North America I see Gy1880); B.Sc. (Econ.) Part II 2nd or 3rd year (with North America I); Diploma (with North America I).

Scope: This course evaluates contrasts in economic structure and levels of living in major (chiefly USA) regions of North America. Special studies are made of contrasting regions and the post war regional planning policies of the federal government.

Syllabus: A review of regional disparities in economic structure and performance and some of the theoretical explanations thereof. A detailed analysis of the evolving economic and social geography of selected regions and contrasting regional problems. An appraisal of federal programmes for area development.
Pre-Requisites: Participants should have at least an elementary background in economic and human geography.

Teaching Arrangements: 20 lectures Michaelmas Term (Gy223) and 25 lectures Lent and Summer Terms (Gy322). Classes will be arranged on an informal basis for those who desire. (Special class arrangements are made for General Course students.)

Written Work: Will be done in association with the classes. The class may also opt to write a course essay of up to 3,500 words on a selected theme, which would count for 25% of the marks in the final examination.

Reading List: The course requires reference to a number of books and articles. Participants would find it useful, however, to possess a regional text such as: J. H. Paterson, *North America* (6th edn.), 1979 or C. L. White, Foscue & McKnight, *Regional Geography of Anglo America* (5th edn.), 1979.

Other relevant works include: L. Weinstein & R. E. Firestone, *Regional Growth and Decline in the United States*, 1985; G. Sternlieb & J. W. Hughes (Eds.), *Post Industrial America. Metropolitan Decline and Inter-Regional Job Shifts*, 1975; C. H. Martin & R. A. Leone, *Local Economic Development, the Federal Connection*, 1977.

Examination Arrangements: For all candidates (B.A./B.Sc. 1 unit; B.Sc. (Econ.); Diploma). A three hour formal examination paper is taken in the Summer Term, with 3 questions to be answered from about 9 set. The paper will be sectionalised, with answers required from each of two sections. It will count for 100% of marks, unless the class opts for the course essay mentioned above, when the 3-hour examination counts for 75%.

Gy1919

Urban Politics: A Geographical Perspective

Teacher Responsible: Dr. K. Hoggart, Room 452, Norfolk Building, KCL. Within LSE Dr. Michael Hebbert, Room S412, will be able to answer questions about the course.

Course Intended Primarily for B.A./B.Sc. Geography, B.Sc. (Econ.) special subject Geography, third year. 1 c.u.

Scope: The course examines how the organisation of power in society affects spatial variation in social well-being. The material considered largely comes from the USA and Britain, but some material from other advanced capitalist countries is included.

Syllabus:

1. Significance of local government: theories of the state, democracy, power.
2. National context: corporate-government interrelations, Central Government expenditures.

3. Structure of local government: local government resources, central-local relations, differences between USA and English structures, contracting, special districts, the local fiscal crisis.

4. Local-government policy-making: elections, community power structures, councillors and leaders, parties and political machines, bureaucracy, reform government, pressure groups, urban riots, locational conflict.

5. Local government outputs: intra- and inter-authority output distribution, housing, and urban renewal, education and busing.

Pre-Requisites: None, other than an interest in the subject area.

Teaching Arrangements: Approximately 35 lectures (Gy303), plus 8 classes.

Reading List: J. Dearlove, *The Reorganisation of British Local Government*, Cambridge University Press, 1979; P. Dunleavy, *Urban Political Analysis*, Macmillan, London, 1980; J. J. Harrigan, *Political Change in the Metropolis*, Little, Brown, Boston, 1976; R. J. Johnston, *Geography and the State*, Macmillan, London, 1982; R. L. Lineberry & I. Sharkansky, *Urban Politics and Public Policy* (3rd edn.), Harper & Row, New York, 1978.

Examination Arrangements: Course essay and class report, plus a three hour unseen examination.

Gy1920

Spatial Aspects of Economic Development

Teacher Responsible: Dr. F. E. I. Hamilton, Room S417 (Secretary, Mrs. P. Farnsworth, S409)

Course Intended Primarily for B.Sc. (Econ) Part II; B.A./B.Sc. Geography 3rd year; but also available, with permission, for General Course students 1 c.u.

Scope: The paper examines the spatial objectives, processes and impacts mainly of industrial change at the regional, national and international levels in developed and developing countries.

Syllabus: Emphasis in the paper will be placed on selected topics, primarily: forces shaping the spatial patterns of labour market operations and occupational structures; the roles of contact patterns and information flows in industry and business in regional development and regional policies; North-South and East-West development problems; direct and indirect effects of foreign investment (including multinational-corporate investment) and of government policies on international, national and regional development patterns; the assessment of models of uneven industrialization and of growth. Examples will be drawn from various market and non-market economies.

Pre-Requisites: An Economics paper and/or Economic Geography in the case of B.Sc. (Econ.) and B.A./B.Sc. Geography students; suitable economics or development background in all other cases.

Teaching Arrangements: The course comprises 40 lectures (Gy304) with 5 seminars to facilitate broad discussion of the major issues. Teaching is shared by Dr. Hamilton and Dr. Frost.

Written Work: Assessment of this course is by a 3 hour written examination only.

Reading List: *F. E. I. Hamilton & G. J. R. Linge, *Spatial Analysis, Industry and the Industrial Environment*, Vol. 1 *Industrial Systems*, Vol. 2 *International Industrial Systems*, Vol. 3 *Regional Economies and Industrial Systems*; W. W. Rostow, *The World Economy*; N. Ginsburg, *Essays on Geography and Economic Development*; N. Ginsburg, *Atlas of Economic Development*; A. O. Hirschman, *Strategy of Economic Development*; Donella & H. Meadows, *The Limits of Growth - The Club of Rome's Views*; A. B. Mountjoy, *Industrialization & Underdeveloped Countries*; *G. Myrdal, *Economic Theory & Underdeveloped Regions*; F. E. I. Hamilton, *Contemporary Industrialization*; *F. E. I. Hamilton, *Industrial Change*; *R. Vernon, *Sovereignty at Bay: The Spread of US Multi-national Enterprise*; A. R. Kuklinski, *Growth Poles and Growth Centres in Regional Planning*; A. R. Kuklinski, & R. Petrella, *Growth Poles & Regional Policies*; F. E. I. Hamilton, *Spatial Perspectives on Industrial Organisation and Decision-Making*; H. Myint, *Economic Theory and the Underdeveloped Countries: Southeast Asia's Development Policies in the 1970s*; F. E. I. Hamilton, *Industrialization in Developing and Peripheral Regions*; F. E. I. Hamilton, *Industrial Change in Advanced Economies*; C. Dixon & D. Drakakis-Smith, *Multinationals & The Third World*.

* Essential reading.

Examination Arrangements: One three-hour examination.

Gy1922

Geography of Rural Development

Teacher Responsible: Professor W. B. Morgan, KCL, Room 104, Norfolk Building. (LSE Adviser: Mr. D. J. Sinclair, Room S410)

Course Intended Primarily for B.A./B.Sc. Geography 3rd Year students, also B.Sc. (Econ.) students. 1 c.u.

Scope: Concentrating on advanced capitalist societies and their experience since 1945, this course is problem-oriented. It is concerned with the nature of 'development' in rural areas and examines particular issues and patterns of change in order to identify the determinants of change and their consequences for economy and society.

Syllabus: Conceptions of development, settlement growth and decline, rural infrastructure (e.g. housing, service provision, transport). Agricultural adjustment and organisation, land use planning and agricultural policy, conservation and the landscape, national parks. Industry in rural areas. Social structure and social change. National policies within the CAP.

Pre-Requisites: None.

Teaching Arrangements: Approximately 40 lectures (Gy305), two per week. The course is taught by Professor W. B. Morgan, Mr. D. J. Sinclair and Dr. K. Hoggart.

Reading List: M. Blacksell & A. W. Gilg, *The Countryside*, Allen & Unwin, London, 1981; M. C. Whitby & K. G. Willis, *Rural Resource Development*, Methuen, London, 1978; G. E. Cherry (Ed.), *Rural Planning Problems*, Leonard Hill, London, 1976; F. H.

Buttel & H. Newby (Eds.), *The Rural Sociology of Advanced Societies*, Croom Helm, London, 1980; J. M. Shaw (Ed.), *Rural Deprivation and Planning*, Geo Abstracts, Norwich, 1979; L. G. Tweeten & G. L. Brinkman, *Micropolitan Development*, Iowa State University Press, Ames, 1976; H. Newby, *Green and Pleasant Land?*, Penguin, Harmondsworth, 1979; M. Pacione, *Rural Geography*, Harper & Row, London, 1984; D. R. Phillips & A. R. Williams, *Rural Britain: A Social Geography*, Blackwell, Oxford, 1984; A. Gilg, *An Introduction to Rural Geography*, Arnold, London, 1985; C. Pye-Smith & C. Rose, *Cities and Conservation: Conflict in the British Countryside*, Penguin, Harmondsworth.

Examination Arrangements: One three-hour written paper, counting for 75% of the total marks, in which three questions must be answered. Course work counts for 25% of total marks.

Gy1926

Urban and Regional Planning

Teacher Responsible: Dr. M. Hebbert, Room S420 (Secretary, Mrs. J. Jennings, S406)

Course Intended Primarily for B.A./B.Sc. c.u. main field Geography 2nd or 3rd year; also B.Sc. (Econ.) Part II. Michaelmas and Lent Terms may also be taken as ½ c.u. by Beaver College Students.

Scope: The development of urban and regional planning in postwar Britain and an assessment of its impact on the geography of the U.K.

Syllabus:

- I. The historical development of law, administration and policy
- II. Geographical impact - methodology and overview
- III. Residential landuse - suburban development and urban renewal
- IV. Urban form
- V. Regional structure
- VI. Rural land use
- VII. The politics of planning

Pre-Requisites: A basic knowledge of the geography of the UK will be useful but not absolutely essential.

Teaching Arrangements: (Gy310) 35 lectures Michaelmas and Lent, twice weekly; accompanied by (Gy310a) 10 classes Michaelmas and Lent, alternate weeks. Weeks 3 and 4 in the Summer Term will be revision classes. A one-day field excursion may be held in the Summer Term. Professor Diamond and Dr. Hebbert share all the teaching. Classes will be devoted to specific topics notified at the start of the course and all students will be expected to prepare presentations for these. In addition students should attend 10 lectures (Michaelmas Term) by Mr. Drewett and Dr. Spence on *Planning Techniques and Models I* (Gy312).

Reading List: No one book covers the entire syllabus and the periodical literature is an important source of material. A separate reading list for each part of the syllabus will be provided. Useful introductions to the course are: L. S. Bourne, *Urban Systems: Strategies for Regulations*, Ch. 4.1., 1975; J. B. Cullingworth, *Town and Country Planning in Britain*, 1982; J. M. Hall, *The Geography of Planning Decisions*, 1982; P.

Hall, *Urban and Regional Planning*, 1975; J. W. House, *The UK Space* (3rd edn.), Ch 6.iv, 1982; D. H. Mackay & A. W. Cox, *The Politics of Urban Change*, 1979.

Examination Arrangements: There is a three-hour formal examination in the Summer term based on the full syllabus. The examination paper will contain 8 questions from which any 3 must be chosen. Copies of previous years' papers are available.

Gy1929

The Social Geography of Urban Change

Teacher Responsible: Dr. S. S. Duncan, Room S512 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for 3rd year B.A./B.Sc. Geography 1 c.u., also Dip. Geography.

Scope: In-depth analysis of the political economy of urban change in advanced capitalist countries, mostly with reference to Britain but with European comparisons.

Syllabus:

1. (M.T.) Social process and locality, looking at gender, class and political relations in the context of local change and localities.
2. (L.T.) The political economy of housing provision, looking at construction, land, tenure and state policy.

Pre-Requisites: Knowledge of theoretical developments and empirical work in social geography and/or urban studies would be useful. **Social Geography: Spatial Change and Social Process** (2nd year course) recommended but not essential.

Teaching Arrangements: One seminar (Gy307) (1½ hours) per week; 10 Michaelmas Term; 10 Lent Term. Seminars require prior presentation and active participation by students. Dr. S. S. Duncan is the teacher.

Reading List: No book covers the course, and extensive use will be made of research papers, interest group publications etc., most of which are held in the Geography Department Collection in Room S502. Basic material would include: M. Ball, *Economic Power and Housing Policy* (1983); P. Dickens, S. S. Duncan, M. Goodwin & F. Gray, *Housing, States and Localities* (1985); D. Massey & A. Catelano, *Capital and Land* (1978); S. Merrett, *State Housing in Britain* (1979); M. Boddy & C. Fudge (Eds.), *Local Socialism* (1984).

Examination Arrangements: One three-hour unseen paper (3 questions out of 9) accounts for 60% of marks. Two extended essays of 4,000 words with student choice of title account for 40% of marks. One essay to be handed in by mid-January; one by mid-May.

Gy1931

Comparative Studies in Spatial Policy

Teacher Responsible: Professor D. R. Diamond, Room S405 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for 3rd year B.A./B.Sc. main field Geography, 1 c.u.

Scope: An examination of the methods and practice of urban and regional planning with special reference to Europe.

Syllabus: An examination of contemporary trends in European urbanisation and their theoretical bases. The goals, instruments and achievements of urban and regional policy.

Pre-Requisites: Students will normally be expected to have taken **Urban and Regional Planning** in their second year.

Teaching Arrangements: Michaelmas Term 10 lectures (Gy309) (1½ hours each) by **Professor D. R. Diamond, Mr. J. R. Drewett** and **Professor R. J. Bennett**.

1. Theories of contemporary urbanisation
2. Current trends in European urbanisation
3. The policy process: formulation, implementation and evaluation. Also 10 lectures (Gy416) **Planning Techniques and Models II** by **Dr. N. Spence** and **Mr. J. R. Drewett**.

Lent Term: 10 lectures and seminars (Gy309) based on case studies selected to illustrate comparative methodology applied to aspects of urban and regional planning in Europe.

Reading List: Comprehensive reading lists will be provided for each part of the course. The following are considered important: D. MacLennan & J. B. Parr, *Regional Policy*; N. Vanhove & L. H. Klassen, *Regional Policy: A European Approach*; J. T. Coppock & W. R. D. Sewell, *Spatial Dimensions of Public Policy*; K. R. Cox & R. J. Johnston (Eds.), *Conflict, Politics and the Urban Scene*; R. H. Williams (Ed.), *Planning in Europe*; R. Muir & R. Paddison, *Politics, Geography and Behaviour*; HMSO, *Policy for the Inner Cities*, Cmnd. 6845; HMSO, *Regional Industrial Development*, Cmnd. 9111; L. S. Bourne, *Urban Systems: Strategies for Regulation*.

Examination Arrangements: Course work essay (25%) and 3 hour formal examination (75%).

Gy1935

Urban Change and Regional Development

Teacher Responsible: **Mr. J. R. Drewett**, Room S408 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for B.Sc. (Econ.) Part II Environment and Planning, 3rd year, 1 c.u.

Scope: The role of the State in contemporary urban and regional change viewed from liberal and neo-marxist perspectives.

Syllabus: Theory and trends in contemporary European urbanisation. The policy process as an agent of urban and regional change. The political economy of housing in advanced capitalist countries.

Teaching Arrangements: Michaelmas Term 10 lectures (Gy309) (1½ hours each) by **Professor D. R. Diamond** and **Mr. J. R. Drewett**. Lent Term 10 seminars (Gy307) by **Dr. S. S. Duncan**.

Reading List: See Study Guides of constituent courses Gy1929 and Gy1931.

Examination Arrangements: Two course work essays (30%) together with a three hour formal examination.

Gy1942

Transport: Environment and Planning

Teacher Responsible: **Dr. K. R. Sealy**, Room S564, (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for 3rd year students taking the B.A./B.Sc. in Geography, the B.Sc. (Econ.) Part II Environment and Planning and for graduates taking the transport options in the M.Sc. and Diploma in Geography. It is also available to other undergraduates as an intercollegiate course. 1 c.u.

Scope: The course introduces students to the environmental problems created by transport activities, primarily as they affect non-users of the facility and the implications for planning. The course refers mainly to road and air Transport.

Syllabus:

1. General survey of major environmental issues in the transport sector, with reference to road and air Transport.
2. Detailed analysis of two or more major hazards and their economic and social impacts, e.g. noise pollution; visual intrusion; road safety. Combined assessments, e.g. traffic hazards in urban areas.
3. Overall impact statements including cost benefit analysis; compensation and public participation in assessment procedures.

Pre-Requisites: A basic knowledge of economics and/or geography is advisable but not essential.

Teaching Arrangements: There are 30 lectures (Gy313) and approximately 5 classes (Gy313a) spread over the Michaelmas and Lent Terms.

Reading List: There is no single set book which covers road and air transport adequately. The following are useful as basic reading: C. Sharp & T. Jennings, *Transport and the Environment*, 1976; P. Weiner & E. J. Deak, *Environmental Factors in Transportation Planning*, 1972; A. Lassiere, *The Environmental Evaluation of Transport Plans*, Research Report 8 (Transport), Dept. of Environment, 1976, Covers road transport; A. H. Stratford, *Airports and the Environment*, 1974; D. W. Pearce, *The Valuation of Social Cost*, 1978; Jean Morton Williams, *Road Traffic and the Environment*; Social and Community Planning Research (SCPR), 1978; Patricia Prescott-Clarke, *Public Consultation and Participation in Road Planning*, SCPR, 1975; J. Catlow & C. G. Thirlwall, *Environmental Impact Analysis*, Research Report II, Dept. of The Environment, 1976.

Examination Arrangements: There is a three-hour formal, written examination based on the syllabus. A choice of questions will be provided of which three are to be answered, each carrying equal marks. The paper carries 75% of the total marks. The remaining 25% of the marks will be allocated to an essay or small piece of survey work on a topic related to the course, up to a maximum of 3,000 words.

Gy1943

Resource and Environmental Management

Teacher Responsible: **Dr. J. A. Rees**, Room S506A (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for 3rd year, B.Sc. (Econ.) Part II Environment and Planning (compulsory), B.A./B.Sc. main field Geography (1 c.u.), and Diploma in Geography. Part A also taken by M.Sc. (Geography) and M.Sc. in Urban and Regional Planning.

Scope: An analysis of resource management theory and of the practical problems involved in formulating, implementing and evaluating mineral, energy, renewable resources and environmental management systems and policies.

Syllabus: Part A:

1. General concepts in resource management
2. Natural resource scarcity – alternative assessments and perspectives
3. Minerals and Energy Resources – the economic and political issues in the search for minerals, the distribution of production and consumption, and in trade patterns. The impact of market structure, corporate and institutional behaviour and government policies on the distribution of production and on the generation of mineral related growth and development. The efficiency, equity and security of the mineral production and consumption process.
4. The nature of renewable resource problems in both advanced and less developed countries. The need for conservation and pollution abatement strategies. Alternative management systems, techniques and policies – administration, legal regulations, market mechanisms, public participation. The political nature of decision-making and the role of interest and pressure groups.

Part B:

Britain will be used as a detailed case study to exemplify the practical problems involved in formulating and implementing resource use and pollution control policies.

1. Current administrative arrangements – their historical developments and present day problems.
2. Decision-making in the private and public sectors – role of the legislative and executive branches of government at the national and local levels – the influence of the media and pressure groups.
3. Planning for Minerals and Energy – minerals and energy policies in practice, – development versus conservation – planning to control the pollution and dereliction problems arising from mining, production and consumption.
4. Policy and Practice of Pollution Control – an analysis of the adequacy of current control systems for water pollution, air pollution, and solid and hazardous waste disposal.
5. Land Planning for wildlife conservation, landscape protection and recreation, including national park planning, coastal zone management, green greenbelt policy etc.

Pre-Requisites: The second-year **Man and His Physical Environment** is recommended.

Teaching Arrangements: Two lectures (Gy311) per week in Michaelmas and Lent Terms. The lectures are given primarily by **Dr. J. A. Rees**.

Reading List: No single book or even group of books cover the material adequately. Reading lists are provided for each part of the syllabus and students will need to keep up-to-date by following press coverage and government reports. Basic reading material includes: J. A. Rees, *Natural Resource: Allocation, Economics and Policy*; D. W. Pearce, *The Economics of Natural Resource Depletion*; P. Odell, *Oil and World Power* (7th edn.); R. Bosson & B. Varon, *The*

Mining Industry in the Developing Countries; J. N. Bhagwati, *The New International Order: The North-South Debate*; O. R. Young, *Natural Resources and the State*; R. J. Barnett, *The Lean Years, Politics in the Age of Scarcity*; J. L. Simon & H. Kahn, *The Resourceful Earth*; P. Dasgupta, *The Control of Resources: The Conservation and Development programme for the UK: A Response to the World Conservation Strategy*; F. Sandbach, *Environment, Ideology and Policy*; T. O'Riordan & R. K. Turner, *An Annotated Reader in Environmental Planning and Management: Royal Commission on Environmental Pollution Reports – 1 to date*; Department of the Environment, *Digest of Environmental Pollution Statistics*, 1980; E. Ashby, *Reconciling Man with the Environment*, 1978; M. Blacksell & A. Gilg, *The Countryside: Planning and Change*, 1981; A. Porteous *et al.*, *Pollution, the Professional and the Public*, 1976; R. Levitt, *Implementing Public Policy*, 1980; J. Fernie & A. S. Pitkethly, *Resources, Environment and Policy*. **Examination Arrangements:** There is a three hour formal examination in the Summer Term based on the full syllabus (Parts A and B). The examination paper normally will contain 9 questions from which 3 questions must be answered, of which one must be taken from each of Parts A and B.

Students taking one part of the course as a ½-course unit, will also have a three hour formal examination. The paper will normally contain 8 questions from which three must be answered.

Gy1950

Map Design and Evaluation

Teacher Responsible: **Dr. C. Board**, Room S413 (Secretary, Mrs. J. Jennings, Room S406)

Course Intended Primarily for B.A./B.Sc. Geography Third Year. ½ c.u.

Scope: This course shows those who are interested in maps and their use how maps are designed and may be assessed for their effectiveness.

Syllabus: The essential role of maps to store and convey spatially distributed information and for way-finding. The value of theoretical models of cartographic communication. The influence of user requirements on map design. Sources of locational information and data for the content of maps and the problems associated with the form in which they exist. Choosing the graphic elements appropriate to the purpose and constraints imposed. Methods of evaluating maps in the laboratory and field.

Teaching Arrangements: One lecture (Gy315) a week Michaelmas and Lent Terms, supplemented by technical visits to establishments concerned with map production. Guidance will be given on tackling course work projects.

Lectures will be copiously illustrated by maps and relevant material, which students are expected to examine closely. Reference will be made to specific articles, reports and books, and to further examples of maps which can be studied in the Map Room of the Geography Department (Room S502). It is customary to hold at least one revision class early in the Summer Term to discuss the approach to questions from old examination papers.

Written Work: At the beginning of the Lent Term two course work projects will be announced. One is a justified outline of a design for a map with a specified purpose; the second is a discussion of appropriate ways of evaluating a published map, of which copies will be made available. Each carries 20% of the marks for the half course unit examination. For the former it is not expected that a fully worked-out and complete design be presented, but it will be an advantage to illustrate elements of the design by showing what could be small excerpts as they would appear. Some discussion of alternative designs may be helpful. For the latter students are not required to undertake any actual testing other than that which helps to justify the choice of methods. In both projects students must bear in mind the relevance of their discussion to the problems based.

Reading List: Essential background reading is provided by A. H. Robinson & B. B. Petchenik, *The Nature of Maps: Essays Toward Understanding Maps and Mapping*, Chicago University Press, 1976; and J. S. Keates, *Understanding Maps*, Longman, 1982. The latter should be bought. Two further texts complement one another, A. H. Robinson, R. Sale & J. Morrison, *Elements of Cartography* (4th edn.), John Wiley, New York, 1978; and P. C. Muehrcke, *Map use: Reading Analysis and Interpretation*, J. P. Publications, Madison, 1978. Students should seriously consider buying the 5th, 4th or 3rd editions of *Elements of Cartography* if they are at all likely to continue their studies or to take any employment connected with map making and use.

Further specialised reading will be provided during the course and will include references to books and journals in the Library as well as offprints in the departmental collection.

Examination Arrangements: A three hour formal examination in the Summer Term with three out of normally eight unseen questions; plus two course-work projects each of not more than 1,500 words. Credit will be given for appropriate graphic illustration in all parts. Examination 60%; projects each 20% to be handed in by a date in May specified by the Board of Examiners.

Gy1951

Advanced Cartography

Teacher Responsible: Mr. G. R. P. Lawrence, KCL, Room 223, Norfolk Building. (LSE Adviser: Dr. C. Board, Room S413)

Course Intended Primarily for 3rd year B.A./B.Sc. students. $\frac{1}{2}$ c.u.

Scope: This course takes students into a deeper study of the problems of map-making, data collection, presentation of information and cartographic techniques than is possible in the introductory first year course.

Syllabus: The problems of scale, in general terms and also in relation to Symbols and Generalisation. Characteristics of topographic and thematic maps. Techniques of Cartographic Representation, isopleths, choropleths, map conventions and the use of colour. Map projections and grid systems, historical aspects of cartography from primitive maps to the present day, with special reference to national mapping

organisations in Britain, Western Europe, North America and the Commonwealth. Automation in cartography and computer assisted cartography. Map design and layout, lettering and map specifications. Air photography applied to cartography; the orthophotomap and the pictomap. Interpretation aspects of aerial photographs and their use in map revision.

Map reproduction; engraving letterpress and lithographic processes. Proofing and simple procedures for short runs.

Pre-Requisites: None.

Teaching Arrangements: Weekly one hour lecture (Gy216) throughout Michaelmas and Lent Terms, with practical work sessions by arrangement, normally two hours' duration weekly for up to 15 weeks. Project work also undertaken and visits arranged to cartographic establishments, e.g. Ordnance Survey. A weekend field course is also held during the Lent Term.

Reading List: The basic list for the course is given below. Additional references will be quoted on specific topics during the course, and students should become familiar with a range of cartographic periodicals and journals: J. B. Harley, *Ordnance Survey Maps*, 1975; E. Imhof, *Cartographic Relief Presentation*, 1982; J. S. Keates, *Cartographic Design and Production*, 1968; J. Loxton, *Practical Map Production*, 1980; D. Maling, *Co-ordinate Systems and Map Projections*, 1973; P. C. Muehrcke, *Map Use*, 1978; D. R. F. Taylor, *The Computer in Contemporary Cartography*, 1980; David J. Cuff & Mark T. Mattson, *Thematic Maps: Their Design and Production*, 1982; John P. Snyder, *Map Projections Used By The U.S. Geological Survey*, 1983.

Examination Arrangements: One three-hour examination, accounting for 60% of the course assessment. Course work and project assessments make up 40% of the total marks: these are to be submitted by 1 May each year.

Gy1961

Geomorphology III: Concepts & Methods

Teacher Responsible: Professor D. Brunson, KCL, Room 455 Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for 3rd year B.A./B.Sc. Geography. $\frac{1}{2}$ c.u.

Scope: An advanced level investigation of concepts and methods in Geomorphology, with a discussion of the history of geomorphological ideas.

Syllabus:

1. The fundamental concepts of landform evolution, uniformitarianism, catastrophism, neo-catastrophism, actualism and the models of Davis, Penck, King, Gilbert, Hack, etc.
2. Qualitative and quantitative analysis and model building, including discussion of equilibrium and unsteady behaviour, episodic erosion, complex response and landscape sensitivity. Some attention will be paid to deterministic, probabilistic, and stochastic modelling.

Pre-Requisites: Geomorphology I: Processes (0260).

Teaching Arrangements: One lecture (Gy301) in small class form per week, with extended time available beyond the hour if needed for discussion.

Written Work: Two essays of maximum 4,000 words each, counting for 30% of the total marks. One will be set each term.

Reading List: R. J. Chorley *et al.*, *History of the Study of Landforms*, Vols. 1 and 2, Methuen, 1969, 1974; J. B. Thornes & D. Brunson, *Geomorphology and Time*, Methuen, 1977.

Examination Arrangements: One three-hour paper, counting for 70% of the total marks, in which 3 questions out of about 9 have to be answered.

Gy1962

Environmental Change

Teacher Responsible: Dr. R. A. M. Gardner, KCL, Room 453, Norfolk Building. (LSE Adviser: Mr. D. K. C. Jones, Room S506B)

Course Intended Primarily for B.A./B.Sc. Geography 2nd or 3rd year students. $\frac{1}{2}$ c.u.

Scope: This course examines the nature and causes of environmental change during the Quaternary, with special reference to the tropics. The evidence used in establishing the nature of change is also discussed in the course.

Syllabus: A wide spectrum of changes in the environment is considered, including climatic fluctuations and their cause, variations in sea level and their cause, soil and vegetation development, Pleistocene extinctions of mammals, and the evolution of man. Detailed discussion of these is preceded by an introduction to the chronology and subdivision of the Quaternary. The second part of the course considers the evidence used in reconstructing the changes, and the problems involved in environmental reconstruction. Most of the subject matter is highly controversial.

Pre-Requisites: Geomorphology I provides a useful background.

Teaching Arrangements: Twenty lectures (Gy316) (one per week during Michaelmas and Lent Terms). Attendance is also required on a 4-day field trip, usually to N. Devon or N. Norfolk, during the Easter vacation. Students may approach the teacher for individual advice and are encouraged to write essays during the course.

Written Work: Students are required to submit a course paper (approx. 2,500 words) on a relevant topic of their choice by the end of the Lent Term. This paper is normally presented as a short seminar during the Lent Term, and counts for 20% of the total marks.

Reading List: Reference lists are issued during the course, for each main topic. Reading *in depth* on selected main areas of the course is advisable. Important summary texts as follows: A. S. Goudie, *Environmental Change*, Oxford University Press; D. Q. Bowen, *Quaternary Geology*, Pergamon; J. Gribbin, *Climatic Change*, Cambridge University Press; R. S. Bradley, *Quaternary Palaeoclimatology*; J. J. Lowe & M. J. C. Walker, *Reconstructing Quaternary Environments*.

Examination Arrangements: One three-hour formal examination in the Summer Term, which counts for 80% of the assessment. Students have to answer 3 questions from a choice of 10-11.

Gy1966

Geomorphology II – Palaeogeomorphology

Teacher Responsible: Professor C. Embleton, KCL, Room 218, Norfolk Building and Mr. D. K. C. Jones, LSE, Room S506B

Course Intended Primarily for 3rd year students. 1 c.u.

Scope: Chronological and regional studies in geomorphology, with particular reference to the British Isles.

Syllabus: The first part of the course deals with techniques of absolute and relative dating in geomorphology, and the problems of correlation of both landforms and deposits. A second section deals with Cenozoic tectonics and sea-level change. The third part of the course considers the geomorphological evolution of selected regions of the British Isles, principally south-east England, Wales and Scotland. **Pre-Requisites:** Physical Geography (0111). Preferably Geomorphology I (0260), but not essential. The course is also designed to complement and not overlap with Environmental Change (0470).

Teaching Arrangements: Lectures (Gy300) two hours a week for the Michaelmas and Lent Term, making a total of about 40 lectures. Lecturers: Professor Embleton, Mr. D. K. C. Jones and Dr. P. Burrin. A 3-day field course during the Easter vacation.

Reading List: Only a selection of books is given here; numerous articles will also be recommended: H. Baulig, *The Changing Sea-level*, IBG Publ. No 3, reprinted 1968; D. Q. Bowen, *Quaternary Geology*, Pergamon, 1978; R. A. Cullingford *et al.*, *Timescales in Geomorphology*, Wiley, 1980; A. S. Goudie, *Environmental Change*, 1983; W. F. Libby, *Radiocarbon Dating*, 1965; J. Neale & J. Flenley (Eds.), *The Quaternary in Britain*, Pergamon, 1981; K. P. Oakley, *Frameworks for Dating Fossil Man* (3rd edn.), 1969; F. W. Shotton (Ed.), *British Quaternary Studies: Recent Advances*, Oxford University Press, 1977; B. W. Sparks & R. G. West, *The Ice Age in Britain*, Methuen, 1972; C. Vita-Finzi, *Recent Earth History*, Macmillan, 1973; R. G. West, *Pleistocene Geology and Biology*, Longman, 1972; D. K. C. Jones (Ed.), *The Shaping of Southern England*, Academic Press 1980; D. K. C. Jones, *South-east and Southern England*, Methuen, 1981; J. B. Sissons, *Scotland*, Methuen, 1976; J. B. Sissons, *The Evolution of Scotland's Scenery*, Oliver & Boyd, 1967; S. W. Wooldridge & D. L. Linton, *Structure, Surface and Drainage in South-east England*, Geo Philip & Son, 1955; E. H. Brown, *The Relief and Drainage of Wales*, University of Wales Press, 1960; C. A. Lewis, *The Glaciations of Wales*, Longman, 1970.

Examination Arrangements: One 3-hour paper, undivided; three questions to be answered (80%); one extended essay of 2,500 words to be handed in by a specified date early in the Summer Term (20%).

Gy1998**Independent Geographical Essay**

Teacher Responsible: Dr. K. R. Sealy, Room S564 (Secretary, Mrs. A. Naimi, S406)

A short course intended for all second year students in B.A./B.Sc. Geography and for students taking the B.Sc. (Econ.) Environment and Planning, who choose to submit an independent essay as part of their Degree course.

Scope: A series of up to five meetings in the Summer Term designed to help prepare students for their independent essay. An introduction to research design and research methods in the conduct of geographical investigations.

Topics include:

1. Interests and fields of study; choosing a topic; time and space constraints.
2. Relationship of topic to supportive courses; data and library facilities
3. The presentation of essays and projects; use of tables, maps and diagrams

Syllabus: There is no set syllabus.

Teaching Arrangements: Five lecture/classes (Gy299) to be taken by 2nd year students in the Summer Term.

Examination Arrangements: Essays should not exceed 7,500 words, exclusive of appendices and other supportive material. The essay must be submitted to the Departmental Secretary (Mrs. P. Farnsworth) in Room S409 not later than the first day of the Summer Term of the Third Year.

Gy2802**Geographical Methodologies and Research Techniques**

Teacher Responsible: Dr. C. Board, Room S413 (Secretary Mrs. J. Jennings, Room S406)

Course Intended Primarily for M.Sc. Geography students (for whom it is compulsory) and M.Phil. students in their first year of registration.

Scope: Review of the dominant research paradigms and methodological problems encountered in geographical research.

Syllabus: An introduction to research methodology in geography. Different research paradigms and the influence of different geographical schools of thought. The use of scientific method, logical positivism, behavioural approaches; welfare, social and public policy; and materialist, radical and structuralist approaches. Resources for research in geography: sources of information and access to them; research design; theory-testing, research techniques; geographical data management and manipulation; display and dissemination of results. An examination of the links between geographical thought, the research paradigm adopted and the design, execution and presentation of the research results.

Teaching Arrangements:

Core elements compulsory for all students

(a) Gy400 **Research Methodology and Geographical Thought** Lecture/Seminar 10 × 2½ hours Michaelmas Term **Mr. Drewett** and others.

(b) Gy402 **Research Resources Design and Techniques** Lecture/Seminar 10 × 2½ hours Michaelmas Term **Dr. Board** and others.

(c) Gy401 **Geographical Thought and Research in Practice** 10 × 1½ hours Seminars Lent Term **Dr. Board, Mr. Drewett** and others.

Optional elements (depending on requirements of optional special subjects)

(d) Gy415a **Map Design.** **Dr. Board** 5 × 1½ hours of classes Lent Term.

(e) Gy403 **Computerised Geographical Information Systems.** **C. Whitehead** 5 × 1½ hours Lent Term.

(f) Gy404 **Survey Design and Techniques.** **A. Warnes et al.** 5 × 1½ hours Lent Term.

(g) Gy412a **Techniques in Resource Management** **J. A. Rees** 5 × 1½ hours of classes Lent Term.

All M.Sc. students in geography are expected to attend the following two seminars which are not examinable. Gy406 **Geographical Project Seminar** 20 × 1½ hours 2nd half Michaelmas Term, Lent Term and Summer Term. Presentations by research students of aspects of their own research stressing problems of methodology and/or techniques. **Dr. Board, Professor Bennett** and **Professor Diamond.** Gy407 **Geographical Research Seminar** 19 × 1½ hours Michaelmas and Lent Terms. Presentations by speakers normally from outside the Department on aspects of their own research. **Professor Diamond** and **Mr. Drewett.**

Reading List: D. Amedeo & R. G. Gollidge, *An Introduction to Scientific Reasoning in Geography*; H. M. Blalock, *Causal Inferences in Non-Experimental Research*; F. E. Emery (Ed.), *Systems Thinking*; T. S. Kuhn, *The Structure of Scientific Revolution*; K. R. Popper, *The Logic of Scientific Discovery*; S. Toulmin, *The Philosophy of Science*; R. J. Chorley & P. Haggett (Eds.), *Models in Geography*; R. Hartshorne, *Perspective on the Nature of Geography*; S. Gale & G. Olsson (Eds.), *Philosophy in Geography*; B. J. L. Berry (Ed.), *The Nature of Change in Geographical Ideas*; D. W. Harvey, *Explanation in Geography*; R. J. Johnston, *Geography and Geographers: Anglo-American Human Geography since 1945*; D. Gregory, *Ideology, Science and Human Geography*; D. Gregory, *Social Theory and Spatial Structure*; M. E. Harvey & B. P. Holly, *Themes in Geographic Thought*. J. Madge, *The Tools of Social Science*, Longman, 1953; J. Ziman, *Public Knowledge, an Essay Concerning the Social Dimension of Science*, Cambridge University Press, 1968; R. Huggett, *Systems Analysis in Geography*; C. H. Waddington, *Tools for Thought*; W. Freeman, *The Writing of Geography*; A. D. Hodgkiss, *Maps for Books and Theses*. J. A. Barnes, *Who should know what?*, C. H. Waddington, *The Scientific Attitude*.

Written Work: An essay of not more than 3,000 words on research approaches in geography to be completed by the beginning of the Lent Term. A critique of a published paper to be completed by the beginning of the Summer Term. An outline of the student's Report (Paper IV) to be completed by the sixth week of the Lent Term.

Examination Arrangements: One three-hour unseen written paper taken in mid-June. Paper to count for 60%. Course work 20% & 20%.

Gy2820**Social Change and Urban Growth**

Teacher Responsible: Dr. S. S. Duncan, Room S512 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for M.Sc. in Geography. **Scope:** The social processes of urbanisation and the development of the built environment.

Syllabus: Agrarian transition and urbanisation, industrial restructuring and urban change, the construction of the built environment, the locality and the world system.

Pre-Requisites: Previous training in geographic, planning, economic or sociological aspects of cities.

Teaching Arrangements: Seminars (Gy410) (1½ hours) as appropriate to interests of participants in Michaelmas and Lent Terms. Attention will be focussed on a few of the several topics so that they can be dealt with in depth. Students may be required to attend selected parts of related courses where appropriate.

Reading List: Depending on topics under discussion, but useful texts are: D. Goodman & M. Redclift, *From Peasant to Proletarian*, 1981; A. de Janvry, *The Agrarian Question and Reformism in Latin America*, 1981; B. Roberts, *Cities of Peasants*, 1979; D. Massey, *Spatial Division of Labour*, 1984; M. Ball, *Housing Policy and Economic Poert*, 1983; P. Hall et al., *The Containment of Urban Britain*; D. Massey & A. Catelano, *Capital and Land*, 1978; R. Friedland, *Power and Crisis in the City*.

Examination Arrangements: One three-hour paper at the end of the academic year.

Gy2821**Regional Policy & Planning**

Teacher Responsible: Professor D. R. Diamond, Room S405 (Secretary, Mrs. A. Naimi, S406)

Course Intended Primarily for M.Sc. Geography: Option Paper.

Scope: An examination of the purpose, methods and impacts of regional and urban policies with special reference to Europe.

Syllabus: Within the context of regional growth theory and regional planning theory, the goals, instruments and achievements of urban and regional policy will be assessed in a comparative manner. European experience will be a particular focus and attention will be paid to topical issues and the role of supra-national institutions.

Teaching Arrangements: Michaelmas Term: 10 lectures (Gy309) 1½ hours each, by **Mr. J. R. Drewett** and **Professor D. R. Diamond**. Also 10 lectures (Gy416), **Planning Techniques and Models II**. Lent Term: 10 seminars (Gy309) based on case studies selected to illustrate comparative methodology applied to aspects of urban and regional planning in Europe. Limited competence in a foreign language will be useful.

Reading List: Specialised lists for each topic and area will be provided. The following are considered important: K. Allen, *Balanced National Growth*; A. J. Brown & E. M. Burrows, *Regional Economic Problems*; J. Friedmann & W. Alonso, *Regional*

Development & Planning; J. Friedmann & C. Weaver, *Territory & Function*; H. Folmer & J. Oosterhaven, *Spatial Inequalities and Regional Development*; D. Gillingwater & D. Hart, *The Regional Planning Process*; N. Vanhove & L. H. Klassen, *Regional Policy: a European Approach*; R. H. Williams (Ed.), *Planning in Europe*; R. Muir & R. Paddison, *Politics, Geography, and Behaviour*; HMSO, *Policy for the Inner Cities*, Cmnd. 6845; HMSO, *Regional Industrial Development*, Cmnd. 9111; L. S. Bourne, *Urban Systems: Strategies for Regulation*.

Examination Arrangements: There will be a three hour formal examination in which three questions from eight will normally be required 75% and a course work essay (25%).

Gy2822**Resource Management and Environmental Planning**

Teacher Responsible: Dr. J. A. Rees, Room S506A (Secretary, Miss Nesta Herbert, S508)

Course Intended Primarily for students taking the M.Sc. (Geography) and M.Sc. in Regional and Urban Planning Studies. Other suitably qualified and interested graduate students may take or audit the course with the permission of the teacher responsible.

Scope: The analysis of the key issues involved in the management of natural resources, through study of resource and environmental planning theory and by the assessment of decision-making and policy formulation in practice.

Syllabus: The course has three major components: (a) General concepts in resource management, including such issues as the nature of resources; problems of common property resources; scarcity problems, causes and nature of declining environmental quality and environmental perception. (b) Management of productive resources in the public and private sectors, including investment appraisal and impact analysis, administrative needs and policy formulation. (c) Management for environmental quality; aims and techniques of decision-making, administration, law, political constraints, public participation and the role of pressure groups. These issues will be considered both for advanced and less developed economies.

Pre-Requisites: None. A knowledge of elementary economic theory would be an advantage but is not essential.

Teaching Arrangements: Michaelmas Term: 20 lectures (Gy311) Lent Term: 10 Seminars/Classes (Gy412) (1½ hour duration). M.Sc. Geography students will also be required to take 5 classes in **Techniques in Resource Management**.

Reading List: No single book or even a small group of books cover the material adequately. Reading lists are provided for each distinct part of the syllabus and for each seminar topic. Basic reading material includes: J. A. Rees *Natural Resources: Allocation Economics and Policy*; T. O'Riordan, *Environmentalism*; T. O'Riordan & R. K. Turner, *An Annotated Reader in Environmental Planning and Management*; F. Sandbach, *Environment, Ideology and Policy*; O'Riordan et al., *Progress in Resource Management*

and *Environmental Planning*, Vols. 1, 2 and 3; R. H. Haveman & A. V. Kneese, *The Economics of Environmental Policy*; R. Levitt, *Implementing Public Policy*; J. A. Butlin, *Economics and Resources Policy*; V. K. Smith (Ed.), *Scarcity and Growth Reconsidered*; J. E. Tilton, *The Future of Non-Fuel Minerals*; C. W. Howe, *Natural Resource Economics, Issues Analysis and Policy*; P. Dasgupta, *The Control of Resources*; J. H. Cobbe, *Governments and Mining Companies in Developing Countries*.

Examination Arrangements: There is a three-hour formal examination paper.

Gy2823

Spatial Aspects of Change in Economic Activity

Teacher Responsible: Dr. J. E. Martin, Room S510 (Secretary, Miss N. Herbert, S508)

Course Intended Primarily for M.Sc. in Geography.

Scope: To examine spatial aspects of change in economic activity with special reference to manufacturing industry.

Syllabus: Spatial change at the scale of the enterprise: decision making on plant transfer and investment; research problems in empirical study of location and relocation. Change at the city scale; metropolitan economic advantage; linkage and migration. Forces in evolving regional advantage; process of locational shift.

Pre-Requisites: Economics and geography at First Degree level.

Teaching Arrangements: 16 Seminars (Gy413) usually of 1½ hours duration, weekly in the Michaelmas and Lent Terms.

Reading List: R. D. Dean, W. H. Leahy & D. L. McKee (Eds.), *Spatial Economic Theory*; F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organisation & Decision Making*; L. Collins & D. F. Walker (Eds.), *Locational Dynamics of Manufacturing Activity*; M. Pacione (Ed.), *Progress in Industrial Geography*; H. D. Watts, *The Large Industrial Enterprise*; R. Oakey, *High Technology Industry & Industrial Location*; R. Leigh, D. North, et al., *Monitoring Manufacturing Employment Change in London, 1976-1981*; B. & J. Klebaner (Eds.), *New York City's Changing Economic Base*.

Examination Arrangements: One three-hour paper at the end of the academic year.

Gy2824

Geography of Transport Planning

Teacher Responsible: Dr. K. R. Sealy, Room S564 (Secretary, Mrs. A. Naimi, S406)

Course Intended To be an optional course for the M.Sc. in Geography, but other M.Sc. students wishing to take a transport option may be included at the discretion of the student's advisor and Dr. Sealy.

Scope: Students with little or no knowledge of transport take the basic Courses Ec149 and, if appropriate, Gy313 and Ec150. The remaining 15/20 meetings of this course are aimed at covering the specialist requirements of individual students. Thus, e.g. air transport students would study airline and airport

problems at a depth beyond that reached in the basic courses.

Syllabus: Basic training – see Ec149, Ec150 and Gy313. Beyond the basic requirements, there is no set syllabus, content depends upon students' interests. Contact is in the form of seminars and written work on specific topics.

Pre-Requisites: Economics and geography at First Degree level. No specialist knowledge in transport is required.

Teaching Arrangements: Basic courses in the form of lectures and classes (EH131; Gy313a). Weekly seminars (Gy414) individual written work and practical exercises where appropriate.

Reading List: No set reading apart from that associated with the basic courses.

Examination Arrangements: For students taking the M.Sc. this is a written three-hour examination. A student may also take a transport topic for his dissertation in the M.Sc. (Geography).

Gy2825

Cartographic Communication

Teacher Responsible: Dr. C. Board, Room S413 (Secretary, Mrs. J. Jennings, Room S406)

Course Intended Primarily for M.Sc. Geography and M.Phil/Ph.D. students. (M.Sc. Geography 3(f) a subject of comparable range)

Scope: The course embraces both the theoretical and abstract aspects of communicating geographical information through the medium of maps.

Syllabus: 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.

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 **Map Design and Evaluation** (Gy1950).

Teaching Arrangements: 15 fortnightly seminars (Gy415) 1½ 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. Visits to map producing agencies are usually 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 Gy1950 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, *The Look of Maps*, Wisconsin; A. H. Robinson & B. Petchenik, *The Nature of Maps*, Chicago; L. Guelke (Ed.), *Maps in Modern Geography*, Toronto; Dr. 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.

Examination Arrangements: For M.Sc. candidates only, one essay type paper with three from a choice of seven or eight unseen questions. These may include questions on specific maps which will be made available for the examination in question.

Two coursework projects each limited to a maximum of 1,500 words. One a justified outlines of a design for a map with a specified purpose; the second, a discussion of appropriate ways of evaluating a published map.

Gy2860

Geographical Aspects of Regional and Urban Planning

Teacher Responsible: Dr. N. A. Spence, Room S565 (Secretary, Mrs. P. Farnsworth, Room S409)

Course Intended Primarily for M.Sc. Regional & Urban Planning Studies.

Scope: The contribution of geographical analysis to issues in urban and regional planning.

Syllabus: The application of locational and spatial concepts to problems of urban and regional planning; urban land use; location theory, urban and regional spatial structure, national settlement systems; and public policy impact assessment.

Teaching Arrangements: 6 lectures in the Michaelmas Term by Mr. Drewett and Dr. Spence under the title of **Comparative Studies in Spatial Policy** (Gy309) and 20 lectures under the title **Planning Techniques and Models I and II** (Gy312, Gy416), together with 14 seminars by Professor Diamond and Dr. Spence under the title of **Spatial Theory in Regional and Urban Planning** (Gy451). Students will also be expected to attend the majority of the meetings of the **Geographical Research Seminar** (Gy407), and they may also be directed to relevant portions of other selected courses. Students who wish to substitute the following courses

for Gy309 and Gy451 may be permitted to do so on application to Dr. Hebbert. **Resource Management and Environmental Planning**, 10 Seminars in Lent Term (Gy412), and **Resource and Environmental Management**, 20 lectures in Michaelmas Term (Gy311).

Reading List: Extensive reading lists are circulated for each of the main topics. The following are considered an essential basis: B. J. L. Berry, *The Human Consequences of Urbanisation*; B. J. L. Berry & F. E. Horton, *Geographic Perspectives on Urban Systems*; L. S. Bourne, *Urban Systems: Strategies for Regulation*; L. S. Bourne, *Internal Structure of the City*; L. S. Bourne & J. W. Symmons, *Systems of Cities*; F. S. Chapin & E. J. Kaiser, *Urban Land Use Planning*; D. R. Diamond & N. A. Spence, *Regional Policy Evaluation*; D. V. Donnison & P. Soto, *The Good City*; A. J. Fielding, *Counterurbanisation in W. Europe*; J. Friedmann & W. Alonso, *Regional Development & Planning*; J. Friedmann & C. Weaver, *Territory & Function*; P. Haggett et al., *Locational Models*; P. Hall, *Theory & Practice of Urban & Regional Planning*; N. Hansen, *Human Settlement Systems*; J. B. McLoughlin, *Urban & Regional Planning – a Systems Approach*; M. J. Moseley, *Growth Centres in Spatial Planning*; A. Pred, *City Systems in Advanced Economies*; R. Rhoda, *Urban and Regional Analysis*; N. A. Spence, et al., *British Cities: An Analysis of Urban Change*; F. J. B. Stillwell, *Economic Crisis, Cities & Regions*.

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 eight. 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 planning by submitting a small quantitative project set in the **Planning Techniques and Models** course.

GOVERNMENT

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gv101	History of Political Thought I Professor K. Minogue	20/ML	Gv3002
Gv102	Political Thought Professor K. Minogue	30/ML	Gv3120
Gv104	Three Key Mediaeval Political Thinkers Dr. J. B. Morrall	10/L	Gv104; Gv3120
Gv105	Political Thought (A Selected Text)	20/ML	Gv3130-3138
Gv106	French Political Thought Professor M. W. Cranston	15/ML	Gv106; Gv3120
Gv107	Political Philosophy Mr. J. C. R. Charvet and Dr. R. R. Orr	20/ML	Gv3121
Gv110	The Political Thought of Hegel and Marx (Not available 1986-87) Professor E. Kedourie	15/ML	Gv110
Gv149	Modern Politics and Government Class (for Trade Union Studies Course) Mr. N. Ellison	25/MLS	Gv3010
Gv150	Modern Politics and Government with special reference to Britain Dr. R. Barker, Professor G. W. Jones and Mr. D. B. O'Leary	25/MLS	Gv3010
Gv151	History of British Politics from the 17th to the 20th Century Mrs. A. Bennett	25/MLS	Gv3020
Gv152	History of British Politics in the 20th Century Mr. A. J. Beattie and Mr. A. J. L. Barnes	26/ML	Gv3021; Gv4027
Gv154	Administrative Organisation and Behaviour — Seminar Professor W. Plowden	5/L	Gv3035; Gv4160
Gv156	British Government and Bureaucracy Professor G. W. Jones	10/M	Gv3035; Gv4160
Gv157	Aspects of Comparative Local Government Professor G. W. Jones	10/M	Gv4162
Gv158	Aspects of Comparative Local Government — Seminar Professor G. W. Jones	10/L	Gv4162; Gv4164

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gv159	Urban Politics and Planning Professor P. J. O. Self	10/M	Gv4161; Gv4162; Gv4164
Gv160	Comparative Political Analysis Dr. G. R. Smith, Dr. G. D. E. Philip, Mr. G. Schöpflin and Mr. D. B. O'Leary	16/ML	Gv3046
Gv161	Comparative Political Institutions (Not available 1986-87) Mr. L. A. Wolf-Phillips, Professor W. Letwin, Mr. P. B. Reddaway and Dr. H. Machin	20/ML	Gv3047
Gv163	The Politics and Government of France Mr. A. Guyomarch	25/MLS	Gv3050
Gv164	The Politics and Government of the U.S.A. (Not available 1986-87)	20/ML	Gv3053
Gv165	The Politics and Government of Russia Dr. D. C. B. Lieven and Mr. H. J. White	30/ML	Gv3052; Gv4051; Gv4052; Gv4053; Gv4054; Gv4050
Gv167	The Politics and Government of Germany Dr. G. R. Smith	25/MLS	Gv3051; Gv4100
Gv168	The Politics and Government of Scandinavia (Not available 1986-87) Mr. J. T. S. Madeley	22/MLS	Gv3056; Gv4110
Gv169	Communism and Nationalism in Eastern Europe since 1944 Mr. G. Schöpflin	23/MLS	Gv3055; Gv4060
Gv170	An Introduction to Latin American Politics Dr. G. D. E. Philip	15/ML	Gv3057; Gv4140
Gv171	Public Policy: Political and Economic Aspects (Not available 1986-87) Professor W. Letwin	20/ML	Gv3036
Gv172	Political Ideas in the United Kingdom Dr. R. S. Barker	25/ML	Gv3026
Gv173	Political Behaviour with special reference to the United Kingdom Dr. T. J. Nossiter	20/ML	Gv3027; Gv4041
Gv174	Cabinet Government and the National Policy Process Mr. A. J. L. Barnes and Mrs. A. Bennett	20/ML	Gv3028
Gv175	British Constitutional Ideas since the 1880s Mr. A. J. Beattie	25/MLS	Gv3029; Gv4026

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gv200	History of Political Thought — Seminar Professor E. Kedourie, Professor K. Minogue, Dr. R. R. Orr and Mr. E. Thorp	30/MLS	Gv4000; Gv4001
Gv201	Political Philosophy — Seminar Professor M. W. Cranston, Mr. J. C. R. Charvet, Dr. R. R. Orr and Dr. F. Rosen	15/MLS	Gv201
Gv203	Greek Political Philosophy: the Concept of Justice — Seminar Dr. F. Rosen	15/MLS	Gv4005
Gv204	Modern Political Philosophy: Freedom and Equality — Seminar Mr. J. C. R. Charvet	15/MLS	Gv4006
Gv205	Interpretations of the Constitution Mr. A. J. Beattie	15/ML	Gv4026
Gv206	The State in the United Kingdom — Seminars Dr. R. S. Barker	20/ML	Gv4025;
Gv207	British Politics and Public Policies — Seminar Mr. A. J. Beattie	25/MLS	Gv207
Gv208	The History of British Politics in the 20th Century Mr. A. J. Beattie and Mr. A. J. L. Barnes	15/MLS	Gv2027
Gv209	Comparative Government Seminar Mr. L. A. Wolf-Phillips	20/ML	Gv4065
Gv210	Political Sociology — Seminars Dr. T. J. Nossiter and others	56/MLS	Gv4040; Gv4041; Gv4042
Gv211	Public Policy and Planning Professor P. J. O. Self and Professor W. Plowden	10/M	Gv4161; Gv4164
Gv212	Theories of the State and Policy Making Mr. D. B. O'Leary	8/L	Gv3035; Gv3046; Gv4161; Gv4164
Gv213	Public Policy Formulation — Seminar Mr. D. B. O'Leary	10/M	Gv4161
Gv214	Policy Analysis Seminar Professor P. J. O. Self and Professor W. Plowden	12/ML	Gv4161
Gv215	Data Analysis for Political Science and Public Policy — Seminar (<i>Not available 1986-87</i>)	10/ML	Gv4161
Gv216	Administrative Theories Mr. D. B. O'Leary	10/L	Gv3035; Gv4160

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Gv217	Urban and Regional Planning: Politics and Administration Dr. M. Hebbert	10/L	Gv4162; Gv4164
Gv218	Urban and Regional Planning: Politics and Administration — Seminar Professor P. J. O. Self and Dr. M. Hebbert	20/ML	Gv4164
Gv219	Modern British Political Ideas Dr. R. Barker	20/ML	Gv4028
Gv220	Public Enterprise Professor H. W. Parris	10/M	Gv4163
Gv221	Problems of Public Enterprise — Seminar Professor H. W. Parris	10/L	Gv4163
Gv222	Public Administration — Seminar Professor G. W. Jones and Mr. D. B. O'Leary	20/ML	Gv4160
Gv224	The British Civil Service — Seminar Professor G. W. Jones	10/L	Gv3035; Gv4160
Gv225	French Government Seminar Dr. H. Machin	25/MLS	Gv4090
Gv226	West-European Studies — Interdepartmental Seminar Dr. H. Machin, Dr. G. R. Smith, Mr. T. Clegg, Dr. A. Sked and Dr. P. G. Taylor	23/MLS	Gv226; Gv4071
Gv227	Soviet and East European Politics — Seminar Mr. G. Schöpflin, Dr. D. C. B. Lieven and Mr. H. J. White	25/MLS	Gv4051- Gv4054; Gv4060
Gv228	Russian Politics and Political Thought — Seminar Dr. D. C. B. Lieven and Mr. H. J. White	30/MLS	Gv4050; Gv4051- Gv4054
Gv229	Politics and Government of the Middle East (<i>Not available 1986-87</i>) Professor E. Kedourie	10/L	Gv229
Gv230	Government and Administration in New and Emergent States (<i>Not available 1986-87</i>) Mr. P. F. Dawson	10/L	Gv4120; Gv4121; Gv4122
Gv231	Government and Administration in New and Emergent States — Seminar (<i>Not available 1986-87</i>) Mr. P. F. Dawson	6/S	Gv4120; Gv4121; Gv4122
Gv232	Government Regulation of the American Economy — Seminar (<i>Not available 1986-87</i>) Professor W. Letwin	15/LS	Gv4130

Lecture/ Seminar Number		Study Guide Number	
Gv234	European Multi-Party Systems — Seminar Dr. G. R. Smith	22/MLS	Gv4072
Gv235	The Politics and Government of Germany — Seminar Dr. G. R. Smith	25/MLS	Gv4100
Gv237	The Politics and Government of Western Europe — Seminar Dr. G. R. Smith and Dr. H. Machin	23/MLS	Gv4071
Gv238	Latin American Studies Seminar: Latin American Policies Dr. G. D. E. Philip	15/ML	Gv4140
Gv239	Development in Latin America — Seminar Dr. G. D. E. Philip	20/ML	Gv4140
Gv241	The Politics and Government of Italy Dr. M. Rhodes	7/M	Gv4165; Gv4071
Gv242	Public Policy in Italy and France Mr. T. Clegg and Dr. H. Machin	25/MLS	Gv4165
Gv245	Policy and Administrative Skills in a Political Setting Professor J. Bourn	10/M	Gv3035; Gv4160

Study Guides

Gv104

Three Key Medieval Political Thinkers

Teacher Responsible: Dr. J. B. Morrall, Room K205
(Secretary, Miss C. Cowey, K105)

Course Intended Primarily for 2nd or 3rd year B.Sc.
(Econ.) Part II students.

Syllabus: A study of St. Augustine of Hippo, St.
Thomas Aquinas and Marsiglio of Padua as
illustrations of the development of political thinking in
the Middle Ages.

Teaching Arrangements: Ten lectures in Lent Term
(weekly).

Reading List: R. H. Barrow, *Introduction to Book XIX
of St. Augustine's City of God*; A. P. Entrèves,
Aquinas: Selected Political Writings; A. Gewirth,
Marsilius of Padua, Vols. I and II; H. A. Deane, *The
Political and Social Ideas of St. Augustine*; P. Brown,
"St. Augustine" in his *Religion and Society in the Age
of St. Augustine*; N. A. Baynes, "The Political Ideas
of St. Augustine's *De Civitate Dei*" in his *Byzantine
Essays*; T. Gilby, *Principality and Polity: Aquinas and
the Rise of State Theory in the West*; A. P. Entrèves,
The Medieval Contribution to Political Thought; J. B.
Morrall, *Political Thought in Medieval Times*.

The background of medieval intellectual history and
culture may be studied in J. B. Morrall, *The Medieval
Imprint*, and W. B. Cook & R. B. Herzman, *The
Medieval World View*.

Examination Arrangements: Questions to which the
course is relevant will be included in the medieval
section of the general paper on Political Thought.

Gv106

French Political Thought

Teacher Responsible: Professor M. W. Cranston,
Room L104 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II and
all interested graduate and undergraduate students.

Syllabus: Aspects of French political thought from the
late Renaissance to the contemporary world.

Teaching Arrangements: Fifteen lectures (Gv106),
Michaelmas and Lent Terms.

Reading List: J. W. Allen, *Political Thought in the
Sixteenth Century* (1951); F. J. C. Hearnshaw, *Social
and Political Ideas of the Renaissance and
Reformation* (1925); K. Martin, *French Liberal
Thought in the Eighteenth Century* (1958); C. Frankel,
The Faith of Reason (1948); E. Cassirer, *The
Philosophy of the Enlightenment* (1951); J. Droz,
Histoire des doctrines politiques en France (1948); M.
Leroy, *Histoires des idées sociales en France*
(1947-1954); J.-J. Chevallier, *Les grandes oeuvres
politiques* (1949); P. Gay, *The Enlightenment: an
Interpretation* (1963); J. P. Mayer, *Political Thought in
France* (1961); R. Soltau, *French Liberal Thought in
the Nineteenth Century* (1931); J. Touchard, *Histoire
des idées politiques* (1962).

Examination Arrangements: None.

Gv110

The Political Thought of Hegel and
Marx

(Not available 1986-87)

Teacher Responsible: Professor E. Kedourie, Room
A150 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for undergraduate and
graduate students.

Syllabus: The main lines of Hegel's political thought;
the Hegelian tradition and its transformations. The
political thought of Marx.

Teaching Arrangements: Ten lectures (Gv110),
Michaelmas Term and five in the Lent Term.

Examination Arrangements: None.

Gv201

Political Philosophy (Seminar)

Teacher Responsible: Professor M. W. Cranston,
Room L104 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for graduate students.

Syllabus: There is no set syllabus, but papers will be
arranged on topics within the field of Political
Philosophy.

Examination Arrangements: None.

Gv215

Data Analysis for Political Science and
Public Policy (Seminar)

(Not available 1986-87)

(Students should attend Course SA163)

Teacher Responsible: Dr. Patrick Dunleavy, Room
L302 (Secretary, Miss Ann Boucher, K108)

Course Intended Primarily for Research students;
Optional for M.Sc. students.

Syllabus: The application of methods for analysing
quantitative data in political science and policy studies.
Using mainly exploratory statistics and facilities
available on the SCSS package, this course is intended
for beginners wishing to develop their own empirical
studies. Prior completion of the introductory reading
below or familiarity with basic statistics is useful
however.

Teaching Arrangements: Ten seminars (Gv215),
Michaelmas and Lent Terms, with a set-up session in
the fourth week of Michaelmas. Teaching is conducted
in a workshop form with alternate weeks dealing with
the development of computing skills at the terminals
and with learning relevant statistical techniques in the
classroom. Each session teaches a new set of skills with
cumulative effects, so that attendance at the set-up
session and regularly thereafter is important.

Introductory Reading: D. Rowntree, *Statistics
Without Tears*.

Basic Texts: B. Erickson & T. Nosanchuk,
Understanding Data; SCSS, *Short Guide*.

Examination Arrangements: None.

West European Studies

Seminar Co-ordinator: Dr. H. Machin, Room L204 (Secretary, Mrs. M. Clark, L207)

Other staff participants: T. Clegg, A. Sked, G. R. Smith, P. Taylor.

Course Intended Primarily for all graduates and staff interested in contemporary problems of West European politics, history, economic policy, social structures and international relations.

Scope: This seminar aims to provide a survey of the results of recent research (usually unpublished) on contemporary problems and policies in Western Europe. 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 West European Universities participate in this series.

Syllabus: A detailed syllabus is fixed at the start of each term. It varies according to the changing interest in specific topics and the availability of speakers.

Teaching Arrangements: Twenty-three seminars, (Michaelmas, Lent and Summer Terms).

Reading List: M. Dogan & R. Rose (Eds.), *European Politics: A Reader* (1971); J. Hayward (Ed.), *Trade Unions and Politics in Western Europe* (*West European Politics*, Vol. 3, No.1, 1980); H. Machin (Ed.), *National Communism in Western Europe* (1983); D. Marsh (Ed.), *Capital and Politics in Western Europe* (*West European Politics*, Vol. 6, No.2, 1983); C. Offe, *Contradictions of the Welfare State* (1984); G. Smith, *Politics in Western Europe* (1984).
Examination Arrangements: There is no examination for this course.

Gv226

Ottoman Empire 1856-1876; C. N. Eliot, *Turkey in Europe*; D. Farhi, "Seriat as a Political Slogan" (*Middle Eastern Studies*, Vol. 7, No. 3, October 1971); D. Farhi, "Nizami-Cedid - Military Reform in Egypt under Mehmed Ali" (*Asian and African Studies*, Vol. 8, No.2, 1972); H. W. G. Glidden, "Arab Unity: Ideal and Reality" in J. Kritzeck & B. Winder (Eds.), *The World of Islam*; S. G. Haim, *Arab Nationalism*; A. Hourani, *Arabic Thought in the Liberal Age, 1798-1939*; A. Hertzberg, *The Zionist Idea*; J. C. Hurewitz, *The Struggle for Palestine*; K. Karpat, *Turkey's Politics*; N. R. Keddie, *An Islamic Response to Imperialism; Roots of Revolution*; E. Kedourie, *England and the Middle East; The Chatham House Version; Afghani and Abduh; Arabic Political Memoirs; In the Anglo-Arab Labyrinth; Islam in the Modern World*; A. K. S. Lambton, *Islamic Society in Persia*; W. Z. Laqueur (Ed.), *The Middle East in Transition*; B. Lewis, *The Emergence of Modern Turkey*; A. H. Lybyer, *The Government of the Ottoman Empire in the time of Suleiman the Magnificent*; R. Montagne, "The Modern State in Africa and Asia" (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks*; P. Rondot, *Les Institutions Politiques du Liban*; E. I. J. Rosenthal, *Political Thought in Medieval Islam*; Kamal Salibi, *The Modern History of Lebanon*; D. de Santillana, "Law and Society" in *The Legacy of Islam* (1st edn.); S. Shaw, "The Origins of Ottoman Military Reform" (*Journal of Modern History*, Vol. 37, 1965); S. Shaw & E. K. Shaw, *The Ottoman Empire and Turkey, Vol. II, 1808-1975*; P. J. Vatikiotis, *The Modern History of Egypt*; G. E. Von Grunebaum, *Islam* (2nd edn., 1961); *Modern Islam*; D. Warriner, *Land and Poverty in the Middle East*; J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. 1, chap. 2); V. R. Swenson, "The Military Rising in Istanbul, 1909" (*Journal of Contemporary History*, Vol. 5, No. 4, October 1970).

Examination Arrangements: None.

Gv229

Politics and Government in the Middle East

(Not available 1986-87)

Teacher Responsible: Professor E. Kedourie, Room A150 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for graduate students and others interested in the subject.

Syllabus: Islamic political thought and traditions of government. The breakdown of the old order. The Ottoman Reform and its outcome: society and government in the Ottoman Empire and Egypt in the nineteenth century. Islamic Reform. Nationalism, Muslims and non-Muslims. The Persian Revolution, 1906 and the Young Turk Revolution, 1908-9. The destruction of the Ottoman Empire. The successor states. Constitutionalism and authoritarianism. Pan-Arabism and Zionism.

Teaching Arrangements: Ten lectures (Gv229), Lent Term.

Reading List: C. C. Adams, *Islam and Modernism in Egypt*; G. Antonius, *The Arab Awakening*; T. W. Arnold, *The Caliphate* (2nd edn., 1965); N. Berkes, *The Development of Secularism in Turkey*; M. H. Bernstein, *The Politics of Israel*; E. G. Browne, *The Persian Revolution*; R. H. Davison, *Reform in the*

The Politics and Government of Italy

Teacher Responsible: Dr. M. Rhodes

Course Intended Primarily for M.Sc. and interested graduate and undergraduate students.

Teaching Arrangements: 7 lectures Gv241, Michaelmas Term.

Examination Arrangements: None.

Gv241

Gv3002

History of Political Thought I

Teacher Responsible: Professor Kenneth Minogue, Room A387 (Secretary, L103)

Course Intended Primarily for B.Sc. (Econ.) Part I.

Syllabus: An introductory study of the most important ideas and theories to be found in the political thought of the Ancient Greeks, the early Christians, the later Middle Ages and the modern European state. The study will pay particular attention to the ideas and beliefs which concern the nature and origin of government, the character and duties of rulers, the relation between government, religion and law. Consideration will be given to such concepts as justice, nature, liberty, consent.

Pre-Requisites: None.

Teaching Arrangements:

(a) Twenty lectures (Gv100) weekly starting at the beginning of Michaelmas Term.

(b) Classes (Gv100a) Twenty classes given weekly and starting in the third week of Michaelmas Term. The organisation of classes will be by the class teacher, but both general questions and the particular texts will be discussed.

Written Work: Essays and papers for class presentation.

Methods of Work: The subject requires both a knowledge of the texts, and a capacity for analyzing general ideas. It is to some extent designed to provide a map of the confusing terrain found in the study of politics, an area which may be investigated both historically and philosophically.

Reading List: Plato, *Republic*; Aristotle, *Politics*; Stoics and Epicureans, (selected writings); Aquinas, (selected writings); Machiavelli, *The Prince*; Hobbes, *Leviathan* (chapters 13-20); Locke, *Second Treatise of Civil Government*; Rousseau, *The Social Contract*; Burke, *Reflections on the Revolution in France*; Mill, *On Liberty*; Marx and Engels, *Communist Manifesto*.
Further Reading: This will be given out at the beginning of the course. The important thing for students is to begin reading the texts.

Examination Arrangements: The examination takes place in the Summer Term, and consists of one three-hour paper in which the student must answer four questions out of about sixteen. The paper will be divided into two parts: The Greeks to the end of the Middle Ages, and Machiavelli and beyond.

Gv3010

Modern Politics and Government with Special Reference to Britain

Teacher Responsible: Professor G. W. Jones, Room L210 (Secretary, Miss Ann Boucher, K108)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.Sc. c.u.; Trade Union Studies.

Scope: The objective of the course is to provide an introduction to the institutions and processes of politics and government, to key concepts of politics and government, and to the study of politics and government, mainly through an examination of politics and government in modern Britain.

Syllabus: This subject offers an introduction to the study of politics and government, with its main emphasis on Britain. It entails a general understanding of political concepts (such as 'legitimacy', 'pluralism', 'consensus', 'representation', 'responsibility' and 'rights') and associated political theories, as well as the institutions and processes of government. General subjects covered are the nature of politics and government; the different forms of government in the modern world such as authoritarianism, totalitarianism, and various kinds of democracy; economic and social influences upon the political system; the relations between politics and administration; the possible meanings of public interest; and the relation of democratic theories to the methods of reaching government decisions. The

principal part of the course is an examination in detail of Britain as a particular form of constitutional and democratic government, including representative institutions, parties and pressure groups, Parliament, the Cabinet, the operations of central and local government, and political culture and traditions. Modern British government is also intended to provide the principal illustrations for the general subjects covered in the course.

Pre-Requisites and Co-Requisites: Nil. The course is designed to be appropriate both for those who are studying politics and government and British politics and government for the first time and for those who have undertaken study of these subjects at 'A' level.

Teaching Arrangements: Lectures: Gv150. Twenty-three lectures will be given weekly throughout the session. Professor Jones will give the first seven, Mr. D. B. O'Leary the next eight, Dr. Rodney Barker the next seven, while the last one will be a revision session, when the three lecturers will appear as a panel to whom students can put comments and questions. The lecturers will distribute notes and bibliographies relevant for their lectures. Students are expected to attend these lectures.

N.B. Mr. D. B. O'Leary Room L105

Dr. R. Barker Room K100

Classes: Gv150(a). Students will be allocated to classes during the first weeks of the session. These will meet weekly throughout the session. Attendance is compulsory. The class teacher is responsible for the class. Usually students present an essay which is then discussed by the class. The class teacher devises the programme of work, including a booklist, assigns topics to students, and generally guides the class through the syllabus.

Gv149 **Modern Politics and Government** Class, Sessional, for Trade Union Studies only.

Written Work: The Chapman Report on Teaching Arrangements recommends that "a student should normally produce at least one piece of written work for every five classes, or two pieces each term". There may be variations depending on the class teacher, who is responsible for marking and grading the essays.

Methods of Work: The syllabus is very broad. It covers a range of issues. The lectures will not be able to deal with every topic, nor will the classes. They are intended to introduce, to stimulate, and to guide. Students on this course are expected to spend a great deal of time on private reading, thinking and writing. They cannot succeed simply by attending lectures and classes.

Since so many students take this course and since many class teachers are used, students will find that different classes are investigating different topics in different weeks. Students should not be alarmed at the lack of uniformity. There would be undue pressure if over a hundred students were seeking the same books in the same week. Different teachers will emphasize different aspects, but all will be working to the common syllabus. The final examination paper will reflect the diversity of the teaching.

Reading: Students receive reading lists from the lecturers and class teachers, who guide them about what are the most introductory, general, essential and relevant books to particular topics or issues. Students

should not be worried at the length of such lists. Often many titles are suggested because teachers know that students may be unable to find books on a short list, given the great demand for particular works. So alternatives are listed.

Reading List: P. Norton, *The British Polity*; J. Dearlove and P. Saunders, *Introduction to British Politics*; H. Drucker *et al.*, *Developments in British Politics 2*; S. H. Beer, *Britain Against Itself*; David Coates, *The Context of British Politics*; I. McLean, *Dealing in Votes*; P. Dunleavy and C. T. Husbands, *British Democracy at the Crossroads*; G. Poggi, *The Development of the Modern State*; S. E. Finer, *Comparative Government*; B. Crick, *In Defence of Politics*; C. Pateman, *Participation and Democratic Theory*; P. Singer, *Democracy and Disobedience*; R. A. Dahl, *Dilemmas of Pluralist Democracy*; S. Lukes, *Power: A Radical View*; C. Lindblom, *Politics and Markets*.

Lectures in Other Departments: If students can spare the time, they may find it helpful to attend the lecture series in the Law Department, LL100 **Public Law Elements of Government**, which looks at many of the topics covered by our course, but through the eyes of lawyers. They often have as lecturers outside academics and other experts in the practice of government and politics. Students may also find it useful to attend lectures on related subjects: class teachers and tutors can give advice.

Examination Arrangements: The examination takes place in the Summer Term, and consists of a single formal and unseen examination paper of around sixteen questions, of which students are expected to answer four with brief essays in three hours. Students are advised to look at old examination papers (available in the Library) to familiarise themselves with the style of the examination paper and the nature of the questions.

Gv3020

History of British Politics from the Seventeenth to the Twentieth Century

Teacher Responsible: Anthea Bennett, Room K101 (Secretary, Mrs. Marian Clark, L207)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: The course provides a historical study of the political and institutional arrangements prevailing at any given period between 1660 (the Restoration of Charles II) to 1922 (the fall of the Lloyd George coalition) of the ideas and events associated with them and of the process by which they change and develop. **Syllabus:** The major themes covered include the attempt to work the Restoration compromise; the significance and working out of the Revolution of 1688; the growth of political stability in the early decades of the eighteenth century, which prepared the way for the dominance of the landed aristocracy throughout the political life of that century; the evolution of the Cabinet to a position of political importance. The most important major theme centres around the changing roles of Monarch, Parliament and Cabinet throughout the period, and on the interaction between them. Attention is also given to the development of the two party system; to attempts to achieve and to the

achievement of political reform and to the emergence of a political structure which welds together strong government and representative democracy. Time will be devoted to the stresses affecting this system at the end of the period covered. A detailed syllabus will be presented to students at the beginning of the course.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures (Gv151) and 15 classes (Gv151a). Both lectures and classes will be given by **Anthea Bennett**.

Written Work: Each student will be expected to present two pieces of written work (these may include class papers) each term.

Methods of Work: The syllabus is very broad in outline and scope; although detailed and exacting in specific areas, chosen by the student, for detailed study. Given the wide sweep of the Syllabus, the student necessarily finds him/herself specializing where especial interest directs attention. Neither the lectures nor the classes will be able to deal with every topic. The lectures are intended to introduce, to stimulate, and to guide. Students on this course are expected to spend a great deal of time on private reading, thinking and writing. They cannot succeed simply by attending lectures and classes. Private study is essential.

Reading List:

Recommended *introductory* reading is given here. A detailed and comprehensive reading list will be given to students at the beginning of the course.

Antonia Fraser, *Charles II*; Geoffrey Holmes (Ed.), *Britain After the Glorious Revolution 1689-1714*; J. H. Plumb, *The Growth of Political Stability in England 1675-1725*; E. N. Williams, *The Eighteenth Century Constitution*; J. H. Plumb, *Sir Robert Walpole*; John Brooke, *King George III*; H. T. Dickinson, *Liberty and Property*; Norman Gash, *Lord Liverpool*; H. J. Hanham, *The Nineteenth Century Constitution*; M. Brock, *The Great Reform Act*; T. J. Nossiter, *Influence, Opinion and Political Idioms in Reformed England*; Dorothy Thompson, *The Chartists*; Robert Blake, *Disraeli*; Ross McKibbin, *The Evolution of the Labour Party*.

Examination Arrangements: A three-hour formal examination in the Summer Term. The paper will have approximately 18 questions: students must attempt 4.

Gv3021

The History of British Politics in the 20th Century

Teacher Responsible: Mr. A. J. Beattie, Room L102 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. & Comparative Politics.

Scope: The aim of the course is to enable students to gain a detailed, historical understanding of British political activity.

Syllabus: A historical study of political events, issues and institutions in the present century, and the idea associated with them. Detailed coverage of the period as a whole will be accompanied by an emphasis on those issues and events of central concern to students of political activity such as the House of Lords crisis in 1910-11, the fall of the Lloyd George coalition, the

1931 political crisis, the origins of the Munich agreement, the significance of the 1945 General Election, domestic politics in war time, etc.

Pre-Requisites: None.

Teaching Arrangements: 26 lectures (Gv152), 15 classes (Gv152a). Classes will be taught by **Mr. Beattie** and **Mr. A. J. L. Barnes** (Room K309).

Written Work: Students will be expected to present 2 essays each term to their class teacher.

Reading List: A. F. Havighurst, *Britain in Transition*; W. N. Medlicott, *Contemporary England, 1914-64*; R. T. Shannon, *The Crisis of Imperialism*; C. J. Bartlett, *A History of Postwar Britain*; D. E. Butler & A. Sloman, *British Political Facts, 1900-1979*; C. L. Mowat, *Britain Between the Wars*.

Supplementary Reading List: R. Bassett, *The Essentials of Parliamentary Democracy*; K. O. Morgan, *Consensus and Disunity*; R. McKibbin, *The Evolution of the Labour Party*; A. Sykes, *The Tariff Question in British Politics*; M. Cowling, *The Impact of Labour*; *The Impact of Hitler*; R. Bassett, *1931*; K. Middlemas & J. Barnes, *Baldwin*; P. Addison, *The Road to 1945*.

N.B. A comprehensive annotated bibliography will be issued at the beginning of the course.

Examination Arrangements: A three-hour formal examination in the Summer Term. The paper will have approximately 18 questions, students must attempt 4.

Gv3026

Political Ideas in the United Kingdom

Teacher Responsible: Dr. R. Barker, Room K100 (Secretary, Miss C. Cowey, K100)

Course Intended Primarily for B.Sc. (Econ.) Special Subjects:

IX Government

XV International History

XVIII Government and History

XXIII Social Policy

Scope: The aim of the course is to familiarise students with the principal political arguments that have occurred in the United Kingdom over the last hundred years.

Syllabus: Politics, political ideas, and political argument; argument over the rise of the modern state in the United Kingdom; liberalism, socialism, conservatism; anarchism, feminism. The nature of politics and the character of the political community.

Teaching Arrangements: 25 one hour lectures (Gv172), Sessional. Classes (Gv172a) Lent Term.

Written Work: Students will write two essays in the Michaelmas Term, two in the Lent Term, and one in Summer Term.

Reading List: Rodney Barker, *Political Ideas in Modern Britain*; Raymond Williams, *Culture and Society*; L. T. Hobhouse, *Liberalism*; G. B. Shaw (Ed.), *Fabian Essays in Socialism*; Herbert Spencer, *The Man Versus The State*; Lord Hugh Cecil, *Conservatism*; Peter Kropotkin, *Fields, Factories and Workshops*; E. P. Thompson, *William Morris: from Romantic to Revolutionary* (2nd edn., 1977); Hilaire Belloc, *The Servile State*; R. H. Tawney, *The Acquisitive Society*; George Orwell, *The Lion and the Unicorn*; Anna Coote & Ben Campbell, *Sweet*

Freedom; C. A. R. Crosland, *The Future of Socialism*; R. M. Titmuss, *The Gift Relationship*; Michael Oakeshott, *Rationalism in Politics*; F. A. Hayek, *The Constitution of Liberty*.

(A full reading list and seminar programme will be issued at the beginning of the course.)

Examination Arrangements: A three-hour unseen written examination.

Gv3027

Political Behaviour With Special Reference to the United Kingdom

Teacher Responsible: Dr. T. J. Nossiter, Room K308 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for B.Sc. Econ. (Government). It is also suitable as an outside option for B.Sc. Econ. generally. Some M.Sc. (Political Sociology) students with particular needs may find it useful as background.

Scope: The course aims to provide an introduction to the study of British political behaviour and focusses on the citizen's contact with, and participation in, the political process, bearing in mind the historical as well as the contemporary context. A critical investigation of the literature leads to an assessment of the contribution of behaviouralist research on the one hand and neo-marxist writings on the other as an aid to the understanding of mass politics in British democracy. Particular attention is paid to political communications.

Syllabus: The dynamics of the British political parties with particular reference to Labour, Conservative and Liberal - SDP Alliance Parties; politics, trade unions and business; public opinion, surveys, and their methods; elections and electoral behaviour; working class conservatism and middle class radicalism; the mass media and political communications; political culture; political socialisation; political systems theory, the 'behavioural approach' and its critics.

Pre-Requisites and Co-Requisites: It is desirable to have a basic background in British political institutions and modern British history but not absolutely essential. Past students have found the Part II Political Sociology course given in the Department of Sociology a valuable complement while some may wish to combine this course with **Cabinet Government** and/or **Ideas in British Politics** so as to provide an overview of the British political system as a whole.

Teaching Arrangements:

Lectures and Seminars: There will be twenty-three hours of lectures and seminars as follows: 14 one-hour lectures (Gv173), in the Michaelmas Term and the first four weeks of Lent Term; 6 1½ hour seminars (with guest speakers including MPs) for the remainder of the Lent Term. Students are expected to attend these lectures and seminars.

Classes: Students will be allocated to classes (Gv173a) in groups of some five to seven members and will meet weekly at mutually convenient times from approximately the fourth week of the Michaelmas Term to the end of the Lent Term with two revision classes at the beginning of the Summer Term. In the case of any one-term General Course or Beaver

College students special arrangements will ordinarily be made to ensure they can receive ten classes. Classes are based on student read essays prepared from a list of previously circulated topics and the course bibliography.

Written Work: Students are advised to write not less than six essays for this course, normally three in Michaelmas and three in Lent Terms.

Working Methods: While journalism is not a substitute for reading in the Library, students may find it useful to keep a file of press cuttings drawn from one or more quality dailies, the Sunday press and the specialised weekly magazines.

Reading List: The following *select* list is arranged in order of the syllabus above.

General: D. Kavanagh, *Political Science and Political Behaviour*; R. Rose, *Politics in England, An Interpretation for the 1980s*; R. E. Dowse & J. Hughes, *Political Sociology* (in need of updating); R. M. Punnett, *British Government and Politics*; B. Miliband, *The State in Capitalist Society*.

Parties R. T. Mackenzie, *British Political Parties*; L. Minkin, *Labour Party Conference*; S. Beer, *Modern British Politics*; O. Kogan & M. Kogan, *The Battle for the Labour Party*; D. Kavanagh (Ed.), *The Politics of the Labour Party*; P. Whiteley, *The Labour Party in Crisis*; R. Blake, *The Conservative Party*; R. Scruton, *The Meaning of Conservatism*; N. O'Sullivan, *Conservatism*; D. Marsh & W. Grant, *The CBI*; R. Taylor, *The Fifth Estate*; R. M. Martin, *The TUC*; I. Crewe & M. Havrop, *The SDP*; N. Tracy, *Origins of the Social Democratic Party*; H. Stephenson, *Claret and Chips*; J. Calder, *Liberal Party Politics in Britain*; V. Bogdanor (Ed.), *Liberal Party Politics*.

Polls and Surveys: C. A. Moser & G. Kalton, *Survey Methods in Survey Investigation*; A. N. Oppenheim, *Questionnaire Design & Attitude Measurement*; R. M. Worcester, *Political Opinion Polling*.

Elections: A. Heath *et al.*, *How Britain Votes*; D. E. Butler, *British General Election of...* (especially 1983); H. Himmelweit, *How Voters Decide*; B. Särilvik & I. Crewe, *Decade of Dealignment*; P. Dunleavy & C. Husband, *British Democracy at the Crossroads*.

Deviant Voters: R. T. Mackenzie & Silver, *Angels in Marble*; F. Parkin, *Middle Class Radicals*; Bob Jessop, *Traditionalism, Conservatism & British Political Culture*.

Mass Media: C. Seymour-Ure, *Press, Politics and the Media; Political Impact of the Media*; J. Tunstall, *Journalists at Work*; J. Curran, *The British Press*; J. Seaton & J. Curran (Eds.), *Power Without Responsibility*; A. May & K. Rowan, *Inside Information: British Government and Media*; J. G. Blumler *et al.*, *Challenge of Election Broadcasting*; T. Burns, *The BBC*; Glasgow University Media Group, *Bad News; More Bad News*; P. Golding & P. Elliott, *Making the News*.

Political Culture: Almond and Verba, *Civic Culture; Civic Culture Revisited*; Bob Jessop, *Traditionalism, etc.*

Political Socialisation: B. Stacey, *Political Socialisation in Western Society*.

Overview: H. Eulau, *The Behavioural Persuasion*; E. Ions, *Against Behaviouralism*.

A full bibliography will be provided at the beginning of the course.

Examination Arrangements: The examination consists of a three-hour unseen paper covering the syllabus as taught in the two preceding years. Students are required to answer four questions. Relevance is important and credit is given for knowledge *and* critical evaluation. Past examination papers are available in the Library and indicate the style of questions. The course teacher is always glad to mark and advise on practice papers towards the end of the course.

Gv3028

Cabinet Government and the National Policy Process

Teacher Responsible: Mr. A. J. L. Barnes, Room K309 (Secretary, Miss Ann Boucher, K108); Mrs. Anthea Bennett, Room K101 (Secretary, Mrs. Marian Clark, L207)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: The course aims to provide students with an understanding of the way policy is made in Britain.

Syllabus: This course will centre on the British Cabinet and will analyse the process of policy-making from this perspective. The working of the Cabinet, its committees, its administrative machinery and its relationships with the Departments of State, Parliament and the party apparatuses will be covered. Special attention will be devoted to the relationship between permanent officials and politicians and to the role of the Prime Minister's personal staff.

Pre-Requisites: No formal requirements, but some knowledge of British Government is really essential. For those who have none, a reading of R. Rose, *Politics in England. Persistence and Change* would be a good start.

Teaching Arrangements: There will be 10 lectures (Gv174), 8 classes (Gv174a) and 10 seminars (Gv174). The lectures will be given alternately, and separate classes taught, by Mrs. Bennett and Mr. Barnes. The Lent Term seminars will for the most part have outside speakers, but on occasion a videotape will be shown and discussed.

Written Work: Students will be required to present up to two essays in each of the Michaelmas and Lent Terms. They will certainly be asked to write at least one long essay by the end of the Christmas vacation. They may also be called on to give class papers.

Reading List: Introductory: P. Gordon Walker, *The Cabinet* (Fontana edn.); J. P. Mackintosh, *The British Cabinet* (3rd edn.); A. King (Ed.), *The British Prime Minister* (2nd edn.); H. Morrison, *Government and Parliament* (3rd edn.); H. Wilson, *The Governance of Britain*; M. Rush, *The Cabinet and Policy Formation*; J. J. Richardson & A. G. Jordan, *Governing Under Pressure*.

Essential: B. Castle, *The Castle Diaries 1965-70, 1974-76*; R. H. S. Crossman, *Diaries of a Cabinet Minister* (3 vols.); H. Hecló & A. Wildavsky, *The Private Government of Public Money* (2nd edn.); V. Herman & J. Alt, *Cabinet Studies*.

A comprehensive reading list will be issued at the start of the course, and further guidance as to the most useful

reading on any topic can be obtained from your allotted class teacher. Students should not be worried at the length of the list since many of the books recommended are alternative titles given because of the great demand for particular works. Some of the titles most in demand have been placed in the Government Department Reading Room.

Examination Arrangements: A three-hour formal examination in the Summer Term. Students have to answer 4 questions out of a total of around 17.

Methods of Work: While the lectures will cover the more central aspects of the subject clearly they cannot cover all the ground nor will they necessarily offer adequate detail. They are intended to introduce, to stimulate and to guide. Similarly classes will be intended to provoke thought and debate. The outside speakers will on occasion deal with the themes already covered by the lectures, but they may also introduce new subjects, always from the standpoint of the practitioner rather than the academic. It is essential to realise that despite the fairly comprehensive coverage of the syllabus in lectures, seminars and classes, no student can be expected to do well simply by attending them. Knowledge of the Cabinet diaries listed above is quite essential, and the student must learn his way about them by use of the index. Time spent on reading will not be wasted, and the good student will benefit from consulting Memoirs, Biographies and certain historical monographs covering the period after 1918, and more particularly since 1945.

Gv3029

British Constitutional Ideas Since the 1880s

Teacher Responsible: Mr. A. J. Beattie, Room L102 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc. Politics 2.

Scope: The aim of the course is to examine British constitutional thought as a combination of the historical description of institutional practices and political theory.

Syllabus: A study of the ways in which constitutional debate has responded, since the 1880s, to the development of political democracy and government growth. The course will examine, through a study of a number of prescribed texts and commentaries, two main areas:

(i) The idea of Parliamentary government, and the challenge presented to it by interpretations emphasising the role of political parties, the electorate, organised interests and the bureaucracy.

(ii) Attempts to organise modern British constitutional experience in terms of a number of general themes: representation; responsibility; sovereignty, pluralism; the separation of powers; the rule of law; the mandate, state and society; central and local government.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures (Gv175) and 25 classes (Gv175a). Classes will be taught by Mr. Beattie.

Written Work: Students will be expected to present 2 essays per term to their class teacher.

Reading List: A comprehensive bibliography of prescribed texts and commentaries will be issued at the beginning of the course.

Examples of *central texts* are: A. V. Dicey, *An Introduction to the Study of the Law of the Constitution*; R. Basset, *The Essentials of Parliamentary Democracy*; V. Bogdanor, *The People and the Party System*; B. Crick, *The Reform of Parliament*.

Basic commentaries are: M. J. Vile, *Constitutionalism and the Separation of Power*; S. H. Beer, *Modern British Politics*; A. H. Birch, *Representative and Responsible Government*; G. Marshall, *Constitutional Theory*; J. Rees, *Interpreting the Constitution*; J. Jowell & D. Oliver (Eds.), *The Changing Constitution*.

Examination Arrangements: A three-hour formal examination in the Summer Term. The paper will have approximately 15 questions; students must attempt 4.

Gv3035

Public Administration

Teacher Responsible: Mr. D. B. O'Leary, Room L105 (Secretary, Miss Ann Boucher, K108)

Course Intended Primarily for B.Sc. (Econ.)

Scope: Public Administration is the multi-disciplinary study of public sector organizations, bureaucracies and activities. The course combines empirical, comparative and theoretical approaches to Public Administration. Whilst much emphasis is placed upon British public administration, comparative focus on France, the U.S.A. and the U.S.S.R. is strongly encouraged. The course will be beneficial to those taking related Government options (**Public Policy: Economic and Political Aspects, Comparative Political Analysis, Comparative Political Institutions** and all the contemporary British politics options) but is open to those not specialising in Government. Topics covered include:

Politics and administration, political and constitutional bureaucracy, representative bureaucracy, professionals and technocrats, the politics of public expenditure, central government in the U.K. (departments, co-ordination and administrative re-organizations), local government in the U.K., France, U.S.A. and U.S.S.R., metropolitan and regional government, inter-governmental relations, quasi-government and quangocide, public enterprise and privatization, nuclear power regulation, theories of decision-making, classical organization theory, human relations and participation, Max Weber and Neo-Weberians, Marxism and bureaucracy, Downs, Niskanen and public choice, contingency theory, bureaucratic pathologies, implementation and administrative morality.

Syllabus: Public Administration – This subject will explore the theories and practices underlying the functioning of the executive branch of government in modern states. It will relate public administration to the political process, and introduce students to the study of administrative reform. Attention will also be paid to the relation between administration and economics and to methods of budgeting and planning. Two main aspects will be covered; (a) Government Organisation

—The scope and place of public administration within the political systems of modern states. The causes and consequences of different forms of government organisation. Formal and informal organisation in government. Concepts and methods of co-ordination, budgeting, planning, delegation and control. (b) The Public Service — Patterns of 'generalist' administration and specialisation as well as administrative conflict. Political and judicial roles of officials. Administrative behaviour, motivation and morale. Students will be expected to be well acquainted with the main features of British administration, particularly central government and to have some comparative knowledge (by way of illustration) of administration in France and North America.

Pre-Requisites and Co-Requisites: There are no pre-requisites. The course is one of the optional subjects available to students specializing in Government (IX) or Government & History (XVIII) but may also be taken, subject to timetabling constraints and tutorial approval by any second or third year student and by general course students.

Teaching Arrangements: There are five lecture courses related to this option. You are strongly advised to attend Professor Jones' Gv156 and Mr. O'Leary's Gv216.

Gv154 **Administrative Organization and Behaviour** 5 lectures Lent Term.

Gv156 **British Government and Bureaucracy** 10 lectures Michaelmas Term.

Gv212 **Theories of the State and Policy-Making:** 8 lectures Lent Term — Dr. Dunleavy and Mr. D. B. O'Leary.

Gv216 **Administrative Theories** 10 lectures Lent Term — Mr. D. B. O'Leary

Gv245 **Policy and Administrative Skills in a Political Setting** 10 lectures Michaelmas Term — Professor J. Bourn.

In addition students may attend Gv224 **The British Civil Service** — a seminar held during the Lent Term in which senior state officials discuss their work.

The different components are drawn together in a class (Gv155) which meet weekly through the Michaelmas and Lent Terms.

Reading List: J. Aberbach *et al*, *Bureaucrats and Politicians in Western Europe*; M. Albrow, *Bureaucracy*; R. J. S. Baker, *Administrative Theory and Public Administration*; J. Bourn, *Management in Central and Local Government*; R. G. S. Brown & D. R. Steel, *The Administrative Process in Britain*; G. Burrell & G. Morgan, *Sociological Paradigms and Organisational Analysis*; B. Chapman, *The Profession of Government*; M. Crozier, *The Bureaucratic Phenomenon*; A. Dunsire, *Administration, the Word and the Science*; *The Executive Process, Vol. 2 Control in Bureaucracy*; J. Garrett, *Managing the Civil Service*; J. Greenwood & D. Wilson, *Public Administration in Britain*; P. Dunleavy & D. B. O'Leary, *Theories of the State*; H. Hecló, *A Government of Strangers*; H. Hecló & A. Wildavsky, *The Private Government of Public Money*; C. Hood, *The Limits of Administration*; P. M. Jackson, *The Political Economy of Bureaucracy*; W. Niskanen, *Bureaucracy: Servant or Master*; B. G. Peters, *The*

Politics of Bureaucracy; J. Pfeffer, *Organizations and Organization Theory*; F. F. Ridley (Ed.), *Government and Administration in Western Europe*; R. Rose & E. N. Suleiman, *Presidents and Prime Ministers*; H. Seidman, *Politics, Position and Power*; P. Self, *Administrative Theories and Politics*; *Political Theories of Modern Government*; H. A. Simon, *Administrative Behaviour*.

Examination Arrangements: The examination in this subject, which may be taken after one year of study is by means of a single, three-hour unseen question paper of about 20 questions from which candidates are normally required to answer 4. Students are advised to look at earlier examination papers since 1984 (available in the Library and from the Departmental Secretary in the Government Department) to familiarise themselves with style of the examination paper and the nature of the questions.

Gv3036

Public Policy: Political and Economic Aspects

(Not available 1986-87)

Teacher Responsible: Professor W. Letwin, Room L203.

Course Intended Primarily for second or third-year B.Sc. (Econ.) and Diploma students.

Scope: This course considers the modes of analysis devised by political scientists, economists, and others for evaluating public policies, as well as some principal varieties of public policies in the field of economics and the political procedures involved in formulating them. **Syllabus:** Theory of elections, game theory, cost-benefit analysis, systems analysis, general principles of policy-making. Policies for: full employment, price stability, economic growth, equalization of income and wealth, and economic regulation.

Pre-Requisites: An elementary familiarity with economic theory, such as would result from a year's course in principles.

Teaching Arrangements: (Gv171) 20 Lectures, Michaelmas and Lent Terms. (Weekly) (Gv171a) 20 classes, Michaelmas and Lent Terms (Weekly)

Written Work: Each student is required to submit four essays during the course, which are returned with written or oral comments, but which do not affect the student's final mark on the examination.

Reading List: J. E. Anderson, *Public Policy Making*; R. A. Dahl & C. E. Lindblom, *Politics, Economics and Welfare*; Y. Dror, *Public Policymaking Re-examined*; T. R. Dye, *Understanding Public Policy*; R. I. Hofferbert, *The Study of Public Policy*; C. O. Jones, *Introduction to the Study of Public Policy*; C. E. Lindblom, *The Policy Making Process*; A. Ranney, *Political Science and Public Policy*; L. L. Wade, *Elements of Public Policy*; S. Brittan, *Steering the Economy*; T. Dye, *Politics, Economics and the Public*; T. W. Hutchinson, *Economists and Economic Policy in Britain 1946-1966*; C. Schultze, *The Politics and Economics of Public Spending*; I. Sharkansky, *Politics of Taxing and Spending*; A. B. Wildavsky, *The Politics of the Budgetary Process*; R. Layard (Ed.), *Cost-Benefit Analysis*; B. M. Barry, *Sociologists,*

Economists and Democracy; J. M. Buchanan & G. Tullock, *The Calculus of Consent*; A. Downs, *Economic Theory of Democracy*; M. Olson, *The Logic of Collective Action*; G. Tullock, *Private Wants, Public Means*; *The Vote Motive*; I. Budge and Farlie, *Voting and Party*; R. Farquharson, *Theory of Voting*; M. Bacharach, *Economics and the Theory of Games*; S. J. Brams, *Game Theory and Politics*; *Paradoxes in Politics*; A. Rappaport, *Strategy and Conscience*; T. C. Schelling, *Strategy of Conflict*; D. Berlinski, *On Systems Analysis*; A. Dunsire, *The Execution Process*; D. Easton, *A Framework for Political Analysis*; F. E. Emery (Ed.), *Systems Thinking*; J. A. Litterer (Ed.), *Organizations*, 2 Vols.; E. J. Miller & A. K. Rice, *Systems of Organization*; J. M. Montias, *The Structure of Economic Systems*; L. W. Porter *et al*, *Behaviour in Organizations*.

List of Sessions:

Meetings:

- 1,2 Theory of Elections
- 3,4 Game theory, applications to policy-making
- 5,6 Cost-benefit analysis
- 7,8 Systems Analysis
- 9,10 General principles of policy-making
- 11,12 Policies for full employment
- 13,14 Policies for price stability
- 15,16 Policies for economic growth
- 17,18 Policies for equalizing income and wealth
- 19,20 Policies concerning economic regulation

Examination Arrangements: A final examination, about the beginning of June, consists of two parts, the first (containing about six questions) dealing with the theory of elections, game theory, and cost-benefit analysis, the second (containing about six questions) dealing with questions of economic policy and the general theory of policy-making; students are required to answer four questions, including at least one from each of the two sections.

Gv3046

Comparative Political Analysis

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II students, Special Subject Government (for which it is an optional paper as an alternative to **Comparative Political Institutions**, Gv3047), and B.Sc. (Econ.) Part II students, Special Subject Government and History (for which it is an optional paper).

Pre-Requisites: Though primarily intended for Government specialists, it is suitable for General Course students who have a general background in political science.

Scope and Syllabus:

The Study of Comparative Politics: The development of various approaches to the subject: historical/descriptive, Marxist, functional/systemic, behavioural. The problems of comparison and generalisation.

Power and Conflict in Society: The distribution of power and the forms of regime (liberal democratic, authoritarian totalitarian). Legitimacy, effectiveness and authority. Political conflict and its regulation; the idea of 'opposition' and its institutional expression.

Political culture: uses and weaknesses of the concept. **Social Cleavages and Party Systems:** The nature of social cleavages (language, ethnic, religious and class) and their relationship to political parties. The aggregation of interests. The concepts of 'Left' and 'Right'; the multidimensional character of party systems. The rise of new movements and parties. Party systems and party government.

Policy Making and Implementation: Policy-Making Structures: parties, assemblies and executives. The control of executive power. The 'decline' of legislatures. The sources and limitations of bureaucratic power. The growth of governmental intervention: economic control and welfare politics. Do parties matter? The relationship of the executive to organised interests: theories of neo-corporatism.

Problems of Political Change: Legitimacy in liberal democratic systems: the 'model' of the civic culture and its decline; erosion of legitimacy: overload, ungovernability, and the restructuring of political loyalties. Problems of legitimacy in single-party regimes. Legitimacy in rapidly changing societies: political development and 'modernisation'; the special features of military rule. How much do revolutions really change?

Teaching Arrangements: Sixteen lectures, Gv160 weekly, in Michaelmas and Lent Terms. Ten classes, 1½ hours, fortnightly, Michaelmas and Lent Terms. Eight lectures Lent Term. Mr. D. B. O'Leary, Gv212, **Theories of the State and Policy Making.**

Introductory Reading: G. Almond and S. Verba (Eds.), *The Civic Culture Revisited* (1980); G. Bingham Powell, *Contemporary Democracies* (1982); C. Lindblom, *Politics and Markets* (1977); M. Olson, *The Rise and Decline of Nations* (1982); J. Roemer (Ed.), *Analytical Marxism* (1986); P. Self, *Political Theories of Modern Government* (1984); M. Dogan and D. Pelassy, *How to Compare Nations* (1984); A. Lijphart, *Democracies: Patterns of Majoritarian and Consensus Government* (1984); G. Smith, *Politics in Western Europe: A Comparative Analysis* (1984).

Further reading on individual topics will be given during the course of lectures and classes.

Examination Arrangements: The examination for this course (which can be taken in either the Second or Third year of the B.Sc. (Econ.)) will be by a written three-hour paper (three questions to be chosen from about fifteen questions).

Gv3047

Comparative Political Institutions

(Not available 1986-87)

Teacher Responsible: Mr. L. A. Wolf-Phillips, Room K208 (Secretary, Miss E. Schnadhorst, K206)

Course Intended Primarily for B.Sc. (Econ.) Part II students, Special Subject Government (for which it is an optional paper as an alternative to **Comparative Political Analysis**, Gv3046) and B.Sc. (Econ.) Part II students, Special Subject Government and History (for which it is an optional paper).

Scope and Syllabus:

The nature and purpose of Constitutions: Statement of fundamental rules for government of the State; enactment, protection and amendment of constitutions

and ordinary laws and 'conventions': general characteristics of existing constitutions.

'Federal' and 'unitary' government: Basic decisions concerning State structure; 'devolution', 'regional government', 'decentralisation'. Varying definitions of 'federalism': trends of federalism in practice: the experience of the USSR, Belgium, Italy, Cyprus, Nigeria, Yugoslavia. Factors affecting the effectiveness of federal government.

The major functions of government: The separation of powers; the nature of legislative, executive and judicial functions; the 'Westminster model' at home and abroad; the 'Washington model' and its imitators; strong and weak presidential forms; socialist constitutions and the 'Moscow model'.

Constitutional innovations and experiments: Constitutional forms in the Third World (parliamentary presidencies; unicameralism; the One-Party State). Islamic constitutions (innovative or conventional?).

Case Studies:

(i) **Presidential government** - (USA, France, Nigeria, Latin America).

(ii) **Parliamentary government** - (Britain, India, Pakistan).

(iii) **One-Party government** - (USSR, Eastern Europe, Mexico, Zambia, Tanzania).

(iv) **Constitutional breakdown and constitutional overthrow;** the special case of military governments.

Pre-Requisites: Though primarily intended for Government specialists, it is suitable for General Course students who have a general background in political science.

Teaching Arrangements: Twenty lectures, Gv161 weekly in Michaelmas and Lent Terms. Fifteen classes, Gv161a Michaelmas (Weeks 1, 4-10) and Lent (Weeks 1-8).

Introductory Reading: L. Wolf-Phillips, *Comparative Constitutions*; B. K. Nehru and W. H. Morris-Jones, *Western Democracy and the Third World*; B. O. Nwabueze, *Constitutionalism in the Emergent States*; R. Rose and E. Suleiman (Eds.), *Presidents and Prime Ministers*; J. Blondel, *An Introduction to Comparative Government*.

Further reading on individual topics will be given during the course of lectures and classes.

Examination Arrangements: The examination for this course (which can be taken in either the Second or Third year of the B.Sc. (Econ.)) will be a written three-hour paper (four questions to be chosen from about fifteen questions).

Gv3050

The Politics and Government of France

Teacher Responsible: Mr. A. Guyomarch, Room L208 (Secretary, Mrs. Marian Clark, L207)

Course Intended Primarily for Diploma in International and Comparative Politics; B.Sc. (Econ.) 2nd or 3rd year; LL.B. with French Law 4c; Beaver College Single Term: either first term: Government and Society or second term: Politics and Policy Making.

Scope: This course is an introduction to the system of government, the political forces and specific features of public policy-making in France.

Pre-Requisites: No previous knowledge of either political science or French language is required. All students are advised to read an introductory text on modern French history e.g. David Thomson, *Democracy in France since 1870* before starting the course.

Syllabus:

First Term: Government and Society

The main elements of traditional politics, 1789 to 1945; the main institutional and socio-economic developments since 1945; the semi-presidential system of government since 1962; the role of the State.

Second Term: Politics and Policy-Making

The main political parties and pressure groups; electoral politics and voting; attitudes and political participation; case studies in policy-making in some of these areas: foreign relations, education, agriculture, regional development, economic planning, industrial development.

Teaching Arrangements:

Lectures: Gv163 23 weekly Sessional. Classes: Gv163(a) 23 classes Sessional. 1 Essay will be required from each student each term, plus class papers.

Reading: Text for purchase by all students: V. Wright, *The Government and Politics of France* (Hutchinson, 1983 edn., paperback).

Other useful texts: J. Hayward, *Governing France: The One and Indivisible French Republic* (Longmans, 1983); H. W. R. Ehrmann, *Politics in France* (Little, Brown, 1982); D. Hanley, Kerr & Waites, *Contemporary France - Politics and Society*; P. G. Cerny & M. Schain (Eds.), *Socialism, the State and Public Policy in France* (1985); E. N. Suleiman, *Elites in French Society* (1978); *Politics, Power and Bureaucracy* (1974); V. Wright (Ed.), *Conflict and Consensus in France* (1978); J. Lagrove & V. Wright (Eds.), *Local Government in Britain and France* (1979); H. Machin, *The Prefect in French Public Administration* (1977); V. Wright (Ed.), *Continuity and Change in France* (1984); H. Machin & V. Wright (Eds.), *Economic Policy and Policy-Making under the Mitterrand Presidency 1981-1984* (1985).

A full list of book references will be given, together with the seminar topic list, essay subjects and lecture programme, at the start of the course.

Articles: For up-to-date information and analysis, students must give special attention to articles in the academic journals. A full up-to-date list of articles will be given at the start of the course.

Note: Students are expected to follow developments in French Politics by regular reading of *The Economist*, *The International Herald Tribune*, or *Le Monde*, *Le Point* or *Le Nouvel Observateur*.

Examination Arrangements: B.Sc. (Econ.) & LL.B.: one three-hour written examination in the Summer Term, four questions must be answered.

Diploma, General and Beaver College Courses: special arrangements for assessment.

Gv3051

The Politics and Government of Germany

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for B.Sc. (Econ.) 2nd or 3rd Year; Diploma in International and Comparative Politics.

Scope: The purpose of this one-year course is to introduce students to the study of contemporary German history and to the politics and government of the Federal Republic of Germany.

(Note: A detailed knowledge of the politics of the German Democratic Republic is not required).

Syllabus: Historical: The conditions of German unification in the nineteenth century. The consequences, social and political, of her belated nationhood. Continuities and discontinuities in the German political tradition and the influences of German political thought. Liberal democracy in the Weimar Republic; the factors leading to its breakdown. Specific and non-specific elements in the German form of totalitarianism. Post-war occupation and the period of 'democracy under licence'.

The Federal Republic: The Basic Law of 1949. Constitutional innovations and the role of the Constitutional Court. The 'administrative' nature of German federalism. Government and politics in the Länder. Assembly-Government relations. The specific functions of the Bundesrat. The legislative process. The theory and practice of 'chancellor-democracy'. The German civil service. Civil-military relations. The major political traditions: Christian Democracy and Social Democracy, Germany liberalism. The failure of political extremism and the evolution of the party system since 1949. Coalition politics of the Adenauer era and after. Social aspects of politics. The sources of political consensus and cleavage. The representation of interests. The religious balance. Extra-parliamentary opposition. The Peace Movement and the 'Greens'. The changing class structure. The division of Germany and its impact on the political scene. The internal developments of the German Democratic Republic, and the course of relations with the Federal Republic. The evolution and implications of the 'Ostpolitik'.

Pre-Requisites: There are no formal pre-requisites for this course. A familiarity with Twentieth Century German history is an advantage. A reading knowledge of German is not required, but it may prove helpful.

Teaching Arrangements:

(a) **Lectures (Gv167):** Twenty-five lectures are given weekly throughout the session. The first ten lectures given in the Michaelmas Term provide a review of modern German history from 1918 until the foundation of the Federal Republic in 1949. Subsequent lectures in the Lent and Summer Terms are concerned with the political structure and contemporary politics of Western Germany. Notes and a detailed reading list will be distributed at the classes at the beginning of the session and attendance at classes is required of all students taking the course. The basis of the classes is the written paper/essay, presented by a student and then discussed by members of the group.

Topics/questions are allocated at the beginning of the term, and each topic is accompanied by a short list of sources.

Written Work: Students should expect to submit two pieces of written work in each term and, after class discussion, they will be marked and assessed by the class teacher.

Reading List: As mentioned above, a detailed reading list will be made available at the commencement of the course, in addition to references supplied in connection with class papers. The following books cover most aspects of the course and should be regarded as basic reading:

G. Smith, *Democracy in Western Germany* (3rd edn., Heinemann, 1986); V. Berghahn, *Modern Germany* (Cambridge U.P., 1982); K. von Begme & M. Schmidt, *Policy and Politics in the Federal Republic of Germany* (Gower, 1985); D. Conradt, *The German Polity* (2nd edn., Longman, 1982); M. Balfour, *West Germany: A Contemporary History* (Croom Helm, 1982); W. Paterson & G. Smith (Eds.), *The West German Model: Perspectives on a Stable State* (Frank Cass, 1981); N. Johnson, *State and Government in the Federal Republic of Germany* (Pergamon, 1983); A. J. Nicholls, *Weimar and the Rise of Hitler* (Macmillan, 1976 or subsequent editions); R. Dahrendorf, *Society and Democracy in Germany* (Anchor Books, 1969); M. Broszat, *The Hitler State* (Longman, 1981).

Examination Arrangements: There is a three-hour examination in the Summer Term. The examination paper will be based on the content of the lecture course as well as on the work completed in classes. Four questions are to be answered from the examination papers from a choice of ten to twelve questions. Copies of examination papers from previous years are made available. Final assessment for the course depends entirely on the examination.

Gv3052

Politics and Government of Russia

Teacher Responsible: Dr. D. C. B. Lieven, Room L202 (Secretary, Mrs. Marion Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II students; Diploma students in **International and Comparative Politics**.

Scope: The course aims to give students a sense of the key principles underlying contemporary Soviet politics and government by looking at elements of continuity and change in Russian and Soviet politics over the last century and a quarter.

Syllabus: The main topics covered are:

- (1) Geopolitical, institutional, ideological, political and socio-economic explanations for the strength of the authoritarian tradition in Russian politics. The intellectual, social and cultural origins of Bolshevism.
- (2) The causes of Bolshevik success between 1917 and 1921; the nature of, and similarities and contrasts between, Leninism and Stalinism. Individual and collective leadership under Khrushchev and Brezhnev.
- (3) The nature and functions of the contemporary CPSU, of the party's General Secretary, of Marxism-Leninism, and of Soviet state institutions.

(4) One-man rule. Authoritarian bureaucracies. The relationship between central and local government in Russia/USSR. The roles of Russian and non-Russian nationalism. The politics of economic development. Russian and Soviet political culture. Dissent and opposition.

Pre-Requisites: Some background in history or politics is useful but not essential.

Teaching Arrangements: 1 lecture course (Gv165) of 30 lectures covering 2 terms given jointly by Dr. Lieven and Mr. White. 1 weekly class (Gv165a) divided into groups and taught by Dr. Lieven and Mr. White. At least 4 essays are expected from each student by the class teachers (over the 7 months the classes run). These will be marked by the teachers and also discussed in class.

Reading List: (in rough chronological order)

*Sir D. M. Wallace, *Russia on the Eve of War and Revolution*; *R. Pipes, *Russia under the Old Regime*; *H. Rogger, *Russia in the Age of Modernization and Revolution*; A. Walicki, *A History of Russian Political Thought*; *L. Schapiro, *The Communist Party of the Soviet Union*; *G. Hosking, *A History of the Soviet Union*; J. Hough and M. Fainsod, *How the Soviet Union is Governed*; Neil Harding, *Lenin's Political Thought* (2 Vols.); Robert Tucker (Ed.), *Stalinism*; *John Armstrong, *Ideology, Politics and Government in the Soviet Union*; *L. Schapiro, *The Government and Politics of the Soviet Union*; *S. Bialer, *Stalin's Successors: Leadership Stability and Change*; *A. H. Brown & M. Kaser (Eds.), *The Soviet Union since the fall of Khrushchev*; M. Voslensky, *Nomenklatura*.

*denotes paper-backs which students may wish to buy.

Examination Arrangements: There is a three-hour written examination in the Summer Term based on the topics discussed in class. Assessment is based on performance in this exam.

Gv3053

Politics and Government of the U.S.A.

(Not available 1986-87)

Teacher Responsible: Professor W. Letwin, Room L203

Course Intended for students in their second or third year, or diploma students; B.Sc. (Econ.) Part II and Diploma in International and Comparative Politics.

Scope: To lay an academic foundation for the understanding of government and politics in the USA and, secondarily, to deepen the student's general understanding of government and politics by familiarising him with a system different from that of Britain and which has served as a model for many others.

Syllabus: In order to achieve the first of these objectives, it is necessary that the student understands the basic institutions of American government and how they evolved in the course of history, as well as the evolution of certain fundamental and durable problems of American politics. Among the institutions, some leading ones are: a written constitution, federalism, a central government with enumerated powers, separation of powers, judicial review, a bill of rights, a presidential executive, fixed terms of office, and a

federalised party system. Among the durable problems of American politics are: the proper scope of government regulation, race relations, the role of ethnic groups, 'isolationism', 'the urban problem', mistrust of 'bigness', 'states' 'rights', and a desire for direct democracy.

The examination puts equal emphasis on (a) the student's understanding of how such main features of American political life developed since 1620, and (b) the student's ability to analyse current issues of American government and politics in the light of their particular histories and against the background of institutions, traditions and conventions.

Basic preparation consists, accordingly, of mastering the political history of the United States and the present organisation of government and politics, as these are treated by the general works listed below. Beyond this the student should investigate special topics in greater depth, according to his own interests and opportunities. Some important specialised works are listed below; others may be identified by referring to the bibliographies listed in the reading list below, as well as to bibliographies included in many of the books. (It should be added that the sort of familiarity with current American political events which can be achieved by reading newspapers and news-journals, though useful, is by no means a sufficient preparation for this examination.)

Pre-Requisites: None.

Teaching Arrangements:

Lectures: Gv164 20 Michaelmas and Lent Terms
Classes: Gv164(a) 10 Michaelmas and Lent Terms.

Reading List:

Bibliographies and Reference Works Congressional Quarterly, *Guide to the Congress of the U.S.*; O. Handlin et al., *Harvard Guide to American History*; Thomas H. Johnson, *Oxford Companion to American History*; R. H. Pear & MacRae, *Books on America - American Government*...

History

D. J. Boorstin (Ed.), *An American Primer*; Henry S. Commager (Ed.), *Documents of American History*; F. O. Gatell, Goodman & Weinstein (Eds.), *The Growth of American Politics*; G. N. Grob & Billias (Eds.), *Interpretation of American History*; Wm. Miller, *A New History of the U.S.*; Samuel E. Morison, Commager & Leuchtenburg, *A Concise History of the American Republic*; The Growth of the American Republic; R. B. Nye & Morpurgo, *A History of the U.S.A.*; Wilham Simpson, *Vision and Reality: The Evolution of American Government*.

Politics and Government (General Works) R. V. Denenberg, *Understanding American Politics*; John H. Ferguson & McHenry, *The American System of Government*; E. S. Griffiths, *The American System of Government*; M. Grodzins, *The American System*; J. D. Lees, *The Political System for the U.S.*; R. H. Pear, *American Government*; Allen M. Potter, *American Government and Politics*; E. S. Redford et al., *Politics and Government in the U.S.*; M. J. C. Vile, *Politics in the U.S.A.*

Politics and Government (Specialised Works) Edward C. Banfield, *Big City Politics*; Marver H. Bernstein, *Regulating Business by Independent Commissions*; K.

Bradshaw & D. Pring, *Parliament and Congress*; Edward S. Corwin, *The Constitution and What It Means Today*; Paul A. Freund, *The Supreme Court of the U.S.*; Robert A. Goldwin, *A Nation of States*; Alex. Hamilton, Madison & Jay, *Federalist Papers*; Louis Hartz, *The Liberal Tradition in America*; R. Hofstadter, *The American Political Tradition*; Judson L. James, *American Political Parties*; V. O. Key Jr., *Politics, Parties and Pressure Groups*; Robert G. McCloskey, *The American Supreme Court*; N. W. Polsby, *Congress and the Presidency*; David Potter, *People of Plenty*; Clinton Rossiter, *The American Presidency*; F. J. Sorauf, *Party Politics in America*.

Examination Arrangements: The examination, given in June, includes about fifteen questions divided into two parts, one historical and the other current. The student is required to answer two questions from each part.

List of Lectures:

1. Colonization of North America, to 1750
2. Independence and problems of unification, 1750-87
3. Constructing the Constitution, 1787-89
4. Slavery, Westward Expansion, 1789-1860
5. The Post-war settlement, 1865-1875
6. Economic policies of the federal government, 1865-1914
7. Reform movements, 1890-1932
8. The New Deal, 1933-39
9. Post-war domestic policy, 1945-60
10. Post-war foreign policy, 1945-60
11. Federal Government: (i) The Executive
12. Federal Government: (ii) The Congress
13. Federal Government: (iii) The Judiciary
14. Federal Government: (iv) Administrative agencies
15. State and Local Government
16. Political Parties
17. Current problems of policy: (i) Economic issues
18. Current problems of policy: (ii) Minorities
19. Current problems of policy: (iii) Foreign Policy
20. Current problems of policy: (iv) (to be announced)

Gv3055

Gv4060

Politics and Government of Eastern Europe

Teacher Responsible: George Schöpflin, Room K107 (Secretary, Mrs. M. Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. Hist.; M.Sc.

Scope: The aim of this course is to provide a thorough analysis of post-1944 Eastern Europe and to study the political problems of post-revolutionary societies.

Syllabus: This course is designed to explore the nature of communist revolutions in developing societies and the problems of continuity and change in the post-revolutionary order. The legacy of the pre-communist period, the salient factors in the communist seizure of power, the Stalinist model of development and the varieties of post-Stalinist experience are fully dealt with. The crises of the system (Poland and Hungary 1956, Czechoslovakia 1968, Poland 1980-81) are likewise explored, as are the variants developed in Yugoslavia and Albania. The decay of Marxism as a living

ideology, the emergence of competing ideologies, with particular emphasis on the uses of nationalism, are considered in some detail and that is followed by an analysis of the nature of leadership, bureaucracy and political communication.

Pre-Requisites: None. The course is taught entirely through the use of English-language materials, although a reading knowledge of French and/or German may be helpful. Some background in politics or history or international relations or sociology is useful but not essential.

Teaching Arrangements: There are 23 lectures (Gv169) and 10 classes (Gv169a) held over three terms. Class work follows the lectures closely and is devoted to in-depth analysis of 10 broad topics. A considerable quantity of teaching aids is distributed. M.Sc. students also attend the seminar Gv227.

Written Work: Students are expected to complete 5 essays over the session.

Essential Reading: Students are urged to use not only the LSE library, but also to familiarise themselves with the relevant holdings of the School of Slavonic and East European Studies.

François Fejto, *A History of the People's Democracies Since Stalin*; Joseph Rothschild, *A History of East-Central Europe between the Wars*; Martin McCauley (Ed.), *Communist Power in Europe 1944-1949*; Robert C. Tucker, *Stalinism: Essays in Historical Interpretation*; H. Gordon Skilling, *Czechoslovakia's Interrupted Revolution*; Dennison Rusinow, *The Yugoslav Experiment 1948-1974*; Rudolf Tokes (Ed.), *Opposition in Eastern Europe*; Peter Sugar (Ed.), *Ethnic Diversity and Conflict in Eastern Europe*; Maria Hirsowicz, *The Bureaucratic Leviathan*; Stephen White, John Gardner & George Schöpflin, *An Introduction to Communist Politics*.

Further Reading will be distributed at the beginning of the course.

Methods of Work: The lectures are intended to provide interpretation guidelines to further reading.

Examination Arrangements: One 3-hour paper in the Summer Term; 4 questions out of 12 to be answered in essay form.

Gv3056

Gv4110

The Politics and Government of Scandinavia

(Not available 1986-87)

Teacher Responsible: John Madeley, Room K307 (Secretary, Marion Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II and M.Sc. students.

Scope: The course does not aim to cover all aspects of the politics and government of Scandinavian countries. Instead it focuses attention on the major themes in comparative political analysis in terms of which the experience of the Scandinavian countries is held to be of particular interest.

Syllabus: The course begins with a review of the historical background of the Scandinavian countries, paying particular attention to the processes of state-formation and nation-building. Next the development

of modern patterns of social cleavage and their translation into patterns of political conflict over the last century is examined. The rise and development of Scandinavian Social Democracy receives particular attention. The nature of alternative political traditions, is also covered and placed in the context of the changing party systems. Particular episodes ranging from the Norwegian Labour Party's extreme radicalisation around the time of the first world war to the emergence of Glistrup's anti-tax protest party at the Danish election of 1973 are studied. Modern patterns of policy-making and administration are reviewed in terms of the arguments about neo-corporatism and political culture. Particular cases, such as the debate on nuclear power in Sweden, are focused on in order to provide some basis for the assessment of these arguments. Foreign policy issues – such as the different countries' stances with respect to NATO and the EEC – are covered principally in terms of their impact on the countries' domestic politics. While the main emphasis is on the politics and government of the three Scandinavian countries, Sweden, Denmark and Norway, reference is also made at appropriate points in the course to the other Nordic countries – Finland and Iceland. Because a group of countries sharing many features in common but exhibiting interesting contrasts form the centre of attention it is intended that the course will develop student's skills in the general field of comparative political analysis.

Pre-Requisites: None. The course assumes no prior knowledge of the subject or an acquaintance with the Scandinavian languages. There is a copious literature in English.

Teaching Arrangements:

(a) **Lectures:** Gv168, twenty-two, Sessional (each week)

Occasional handouts will be distributed particularly in connection with the topics where similarities and contrasts between the Scandinavian countries can be readily shown in tabular form.

(b) **Classes:** Gv168a, twenty-two, Sessional (each week)

Students choose topics at the start of each of the two first terms and present papers on these to the class for discussion. Reading appropriate to the particular questions chosen is indicated in advance. Papers marked and graded by the course teacher.

Written Work: In addition to class essays students may also be required to write one longer essay on a topic central to the course. These papers will also be marked and graded.

Methods of Work: In order to make such a course manageable to students who are assumed at the start to know nothing of the subject, the course has been given a definite shape, which might be described as approximately ten related "patches" of material. This enables students to specialise on particular aspects in connection with the writing of essays and through use of the different libraries' extensive holdings (see section on Reading below). Students will be informed of individual public lectures or seminars on related subjects of interest. Attendance at these will of course be optional.

Reading List: Students will receive copies of the full list

at the beginning of the lecture course. It includes a large number of individual journal articles as well as books enabling students with particular interests to pursue them further than is necessary for the course itself. Copies of important articles are deposited in the short-loan photocopy collection in the School library. Access to the Scandinavian Studies library at University College, London, will be arranged for students taking the course at the start of the session. Use of this second library will not be essential but has invariably in the past been found useful. The following is the minimal reading list (a copy of the full reading list can be consulted in the library):

N. Andren, *Government and Politics of the Nordic Countries*; J. B. Board, *The Government and Politics of Sweden*; D. A. Rustow, *The Politics of Compromise*; M. D. Hancock, *Sweden: Politics of Post-Industrial Change*; N. Elder, *Government in Sweden*; R. Huntford, *The New Totalitarians*; H. Valen & E. Katz, *Political Parties in Norway*; J. A. Storing, *Norwegian Democracy*; K. E. Miller, *Government and Politics in Denmark*; S. Rokkan, *Citizens, Elections, Parties*; H. Tingsten, *The Swedish Social Democrats*; K. Cerny, *Scandinavia at the Polls*; S. Berglund & U. Lindstroem, *The Scandinavian Party Systems*; E. Allardt et al, *Nordic Democracy*; N. Elder et al, *The Consensual Democracies*; F. Castles, *The Social Democratic Image of Society*.

Examination Arrangements: The course is examined in the Summer Term by means of a three-hour unseen written examination. Papers consist of approximately twelve questions (which tend to be closely related to the similar number of major themes in the course) of which any four may be chosen. Students are advised to consult previous examination papers in the library in order to familiarise themselves with the style of paper and the nature of the questions. (The course has been examined at undergraduate level since summer 1981).

Gv3057

Politics and Government of Latin America

Teacher Responsible: Dr. G. D. E. Philip, Room K106 (Secretary, Mrs. Marian Clark, L207)

Course Intended Primarily for B.Sc. (Econ.) Part II

Scope: The objective of this course is to introduce students to Latin American politics. The course will cover both the politics of the larger Latin American countries (Brazil, Mexico, Argentina, Cuba, Peru and Chile) and the political sociology of some key social forces within the area.

Syllabus: The subject offers what is basically an introduction both to the politics of the larger countries of Latin America and the more important social forces which operate in the area. The course will cover the recent political history of Latin America.

Pre-Requisites: None, except for a genuine interest in the politics of the area.

Teaching Arrangements:

Lectures: Gv170: Fifteen lectures will be given weekly (Michaelmas and Lent Terms). A reading list will be circulated.

Classes: Gv170(a): There will be ten classes, (Lent Term) held weekly. Attendance is compulsory.

Seminars: (Gv238): for M.Sc. students only.

Written Work: Students will be asked to make class presentations as may be convenient to the conduct of the classes themselves. These may but need not be written up and presented as essays. Students should in any case produce at least two essays in the Autumn Term.

Reading List: J. Dominguez, *Cuba*; C. McClintock and A. Lowenthal, *The Peruvian Experiment Reconsidered*; G. Philip, *The Military in South American Politics*; G. Philip (Ed.), *Politics in Mexico*; R. Potash, *The Army and Politics in Argentina*; A. Stephan, *The Military in Politics; Changing Patterns in Brazil*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen examination paper. Twelve questions will be set, covering both country and thematic topics (roughly on a half and half basis), of which four must be answered during three hours. Old examination papers are available in the Library and some old examination questions will be set as essay topics.

Gv3120

Political Thought

Teacher Responsible: Professor K. R. Minogue, Room A387 (Secretary, L103)

Course Intended Primarily for B.Sc. (Econ.) Part II students, special subject Government, for whom it is a compulsory paper. Other Part II students can also take the paper as an option.

Scope: The course aims to introduce students to the main currents of political thought from Ancient Greece to the modern West.

Syllabus: This is a study of the beliefs, ideas and theories about politics and government connected with the ancient Greek *polis*, the Roman *civitas*, the realms of medieval Europe, and the modern European State. The beliefs and ideas to which particular attention should be paid are those which within each of these political experiences, have been concerned with: the character of a political society and of political activity; the relation between religious, moral and political beliefs; the law, its authority, generation and administration; the constitution and activities of governments; the office, authority and obligations of rulers; the rights and duties of subjects; justice, liberty, political deliberation and argument.

In addition to this, the candidate is expected to be acquainted with some of the more notable works in the literature of political reflection, e.g.:

Plato, *Republic* (Cornford); Aristotle, *Politics*, Bks. I, II and V, (Barker); Cicero, *Laws*, Bk. III; St. Augustine, *The City of God*; Dante, *De Monarchia*; Aquinas, *Political Writings* (Ed. d'Entreves); Machiavelli, *The Prince*; Hobbes, *Leviathan*, chs. 13-31; Locke, *Second Treaties of Civil Government*; Hume, *Essays* (in Watkins, *Hume's Theory of Politics*); Rousseau, *The Social Contract*; Burke, *Reflections on the Revolution in France*; Hamilton, etc., *The*

Federalist, 9, 10, 47-51, 68, 69, 80, 85; Mill, *On Liberty*; Marx, *Manifesto of the Communist Party*.

Teaching Arrangements:

Lectures (Gv102): 30 lectures, two each week in the Michaelmas Term, one each week in the Lent Term. (Gv102a): 20 weekly classes beginning in the third week of the Michaelmas Term.

See also optional course, **Three Key Medieval Political Thinkers**, Gv104.

Classes (Gv102a & b): For those taking the paper, begin in the Lent Term of the second year of the B.Sc. (Econ.) and normally continue in the Lent Term of the following year. The classes will concentrate on the study of certain important texts in political philosophy. Students are expected to prepare papers for discussion in the class, and to write essays for their class tutor. **Lists of Suggested Reading** which will be discussed in the course of the lectures are too lengthy to be reproduced here. They will be distributed at the beginning of the course of lectures, and can otherwise be obtained from the Secretary of the Department of Government, Miss E. Schnadhorst, Room K206.

Examination Arrangements: There will be a three-hour examination in the Summer Term. The question paper, which will normally contain about 24 questions, will be divided into three sections: ancient, medieval and modern, from each of which candidates are expected to answer at least one question.

Gv3121

Political Philosophy

Teacher Responsible: Mr. J. Charvet, Room K207 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II, 3rd Year students special subject Government. Other Part II students can take the paper as an option. General Course students should seek advice before taking this course.

Scope: This course aims to introduce students to the main problems in the philosophical study of politics. **Syllabus:** The course will be concerned with the following topics: The nature of philosophy and its place in the study of politics; The origins and grounds of moral judgement; Free will and responsibility; the nature of freedom, rights and law; punishment; equality; the concept of justice and theories of distributive justice; the nature of the state, authority and power; political obligation; theories and democracy and historical explanation.

Teaching Arrangements:

Lectures: 20 lectures (Gv107) in Michaelmas and Lent Terms for 3rd year students.

Classes: 20 weekly classes (Gv107a) in the Michaelmas and Lent Terms of the 3rd year.

Reading List: D. D. Raphael, *Problems of Political Philosophy*; D. D. Raphael, *Moral Philosophy*; J. D. Mabbott, *The State and the Citizen*; R. Flathman (Ed.), *Concepts in Social and Political Philosophy*; Sir I. Berlin, *Four Essays on Liberty*; J. Rawls, *A Theory of Justice*; H. L. A. Hart, *The Concept of Law*; A. J. M. Milne, *Freedom and Rights*; S. I. Benn & R. S. Peters, *Social Principles and the Democratic State*; P. Laslett (Ed.) et al., *Philosophy, Politics and Society* Series IV.

Examination Arrangements: A three hour formal examination in the Summer Term. The paper will have approximately 15 questions: students must attempt four.

Political Thought (A Selected Text): Plato

Teacher Responsible: Dr. J. B. Morrall, Room K205 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II Government; Government and History, 3rd year.

Scope: The objective of the course is to study in depth the text of Plato's *Republic* with special reference to the light it sheds on the problems of the Greek political community as Plato saw them.

Syllabus: This will concentrate mainly on an understanding of the sequential development of Plato's argument throughout the dialogue.

Pre-Requisites: A general acquaintance with the outline of Greek political philosophy and a close acquaintance with the text. No knowledge of Classical Greek is required.

Teaching Arrangements: Dr. Morrall will conduct an informal lecture-class (Gv105) once a week in Michaelmas and Lent Terms. Attendance at this is compulsory and will be checked by the calling of a class register at each meeting.

Written Work: Usually each student is required to produce one fairly long essay each term. It is marked and graded by Dr. Morrall.

Methods of Work: A considerable amount of private reading will be necessary. For this purpose a comprehensive reading list will be distributed.

Reading List: *T. M. Cornford, (edited and translated), *The Republic of Plato*, (recommended edition of the text); *R. W. Hall, *Plato*, (Allen & Unwin "Political Thinkers" series); J. Annas, *An Introduction to Plato's Republic*; R. W. Nettlehip, *Lectures on Plato's Republic*; A. Sesonske, *Plato's Republic* (an anthology of selections from modern scholarly interpretations). *indicates books which should be bought by the student.

Examination Arrangements: The examination takes place in the Summer Term and consists of one paper of three hours. Students will be asked to attempt four questions from a choice of about ten. All the questions will deal with topics discussed in the *Republic*. Students are advised to consult examination papers for previous years (available in the Library) to familiarise themselves with the style of the paper and the type of questions asked.

Gv3130

Gv3131

Political Thought (A Selected Text): Aristotle

Teacher Responsible: Dr. J. B. Morrall, Room K205 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II, Part II Government; Government and History, both 3rd year.

Scope: The objective of the course is to study in depth the text of Aristotle's *Politics* with special reference to

the light it sheds on the problems of the Greek political community as Aristotle saw them.

Syllabus: This will concentrate mainly on an understanding of Aristotle's objectives and methods in dealing with political themes and problems.

Pre-Requisites: A general acquaintance with the outline of Greek political philosophy and a close acquaintance with the text. No knowledge of Classical Greek is required.

Teaching Arrangements: Dr. Morrall will conduct an informal lecture-class (Gv105) once a week in Michaelmas and Lent Terms. Attendance at this is compulsory and will be checked by the calling of a class register at each meeting.

Written Work: Usually each student is required to produce one fairly long essay each term. It is marked and graded by Dr. Morrall.

Methods of Work: A considerable amount of private reading will be necessary. A reading list will be issued.

Reading List: *T. M. Sinclair, *The Politics of Aristotle*, (Penguin Classics), (revised by T. Saunders). It is essential to get this revised edition and not the earlier version by Sinclair; D. Ross, *The Nicomachean Ethics of Aristotle*, (World's Classics series, now available in Oxford University Press paperback); E. Barker, *The Politics of Aristotle*, (for the detailed "Introduction"); *J. B. Morrall, *Aristotle*, (Allen & Unwin "Political Thinkers" series); *R. G. Mulgan, *Aristotle's Political Theory* (Oxford University Press paperback).

*indicates books which should be bought by the student.

Examination Arrangements: The examination takes place in the Summer Term and consists of one paper of three hours. Students will be asked to attempt four questions from a choice of about ten. All the questions will deal with topics discussed in the *Politics*. An acquaintance with Aristotle's *Ethics* would be helpful for purposes of comparison. Students are advised to consult examination papers for previous years (available in the Library) to familiarise themselves with the style of the paper and the type of questions asked.

Gv3133

Gv4013

Political Thought (A Selected Text): Machiavelli

(Not available 1986-87)

Teacher Responsible: To be announced.

Course Intended Primarily for B.Sc. (Econ.) Part II Government; Government and History, 3rd year.

Scope: Machiavelli's political writings to be studied in depth in relation to their Renaissance context and the development of the modern state.

Syllabus: The central requirement of the course is a thorough familiarity with Machiavelli's *Prince* and *Discourses on the First Ten Books of Livy*. The student should be aware that these texts are translated, with consequent problems of meaning. Some familiarity with other political works of Machiavelli – such as *The Art of War*, and *The History of Florence*, would be deeply beneficial.

Pre-Requisites: Some acquaintance with the development of political thought.

Teaching Arrangements: Twenty one-hour seminars (Gv105) weekly in the Michaelmas and Lent Terms, attendance at the seminars is compulsory.

Written Work: Each student should expect to do about four essays for the course.

Reading List: The texts are: *The Prince* and *Discourses on the First Ten Books of Titus Livius*. The Modern Library Edition includes both, is conveniently available, and is sometimes the edition referred to in scholarly articles. Robert Ridolfi, *The Life of Niccolò Machiavelli*; J. R. Hale, *Machiavelli and Renaissance Italy*; Jacob Burckhardt, *The Civilization of the Renaissance in Italy*; F. E. Jacob (Ed.), *Italian Renaissance Studies*; Federico Chabod, *Machiavelli and the Renaissance*; Sydney Anglo, *Machiavelli: A Dissection*; Herbert Butterfield, *The Statecraft of Machiavelli*; Leo Strauss, *Thoughts on Machiavelli*; Giuseppe Prezzolini, *Machiavelli*; De Lamar Jensen (Ed.), *Machiavelli: Cynic, Patriot, or Political Scientist*; Quentin Skinner, *Machiavelli*; K. R. Minogue, 'Theatricality and Politics: Machiavelli's Concept of Fantasia' in Bhikku Parekh & R. N. Berki (Eds.), *The Morality of Politics*; Robert J. McShea, 'Leo Strauss on Machiavelli' (*The Western Political Quarterly*, Vol. XVI, 1963); Dante Germino, 'Second Thoughts on Leo Strauss' Machiavelli' (*The Journal of Politics*, Vol. 29, November 1966).

Examination Arrangements: The examination in the Summer Term consists of one three-hour paper. Four questions must be attempted from a choice of about ten.

Gv3134

Gv4014

Political Thought (A Selected Text): Hobbes

Teacher Responsible: Dr. R. Orr, Room L100 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II, 3rd year;

M.Sc. (The History of Political Thought);

M.Sc. (Political Philosophy)

Scope: Close reading and exegesis of key passages plus sustained interpretation of chief arguments in Thomas Hobbes's *Leviathan*, together with a contextual understanding and critical analysis (as well as a present-day assessment) of the main concepts employed. Knowledge of the texts of Parts I and II of *Leviathan* plus the Review and Conclusion, is essential. Though all the emphasis will be on Hobbes's political doctrines, the theological framework of his philosophical system has to be taken into account throughout.

Syllabus: Natural right and endeavour. Power and Liberty. The justness of natural right and the maximum and minimum of natural liberty. Right and good. Mechanism and the search for causes. The passions and reason. The state of nature. Men's equality. The condition of war.

Hobbes's views on Liberty. Necessity, impediment, compulsion, and obligation. Deliberation and Freedom. Voluntary action and freedom. The question of the consistency of Hobbes's doctrine of freedom. Freedom and determinism.

Will and consent. Covenanting. The voluntary renunciation of right. Obligation dependent on such a voluntary renunciation of right. Morality and logic. Hobbes's theism and the observance of natural law. Divine commands. Endeavouring to be obliged and being obliged to endeavour. The basis of Hobbes's concept of obligation. Authorisation. The mechanics of the political contract. The rights of sovereignty. Commonwealth by institution and acquisition. Absolute and arbitrary legislative power. Liberty of subjects. Injury and injustice. Punishment. Law. The dissolution of the commonwealth.

Pre-Requisites: None.

Teaching Arrangements: One class per week, each 1 hour (course Gv105) Michaelmas and Lent Terms. Attendance compulsory.

Written Work: One essay to be read and marked by class teacher, plus one essay per student per term presented to and discussed by the class. Essay length: 1,800–2,000 words.

Reading List: Hobbes, *Leviathan*. Parts I and II, plus the Review and Conclusion. Any (cheap or paperback) edition will do. A copy of the book to be brought to each class meeting; R. S. Peters, *Hobbes* (Penguin edn.), (good on life and times and general philosophical background); J. W. N. Watkins, *Hobbes's System of Ideas* (solid account of Hobbes's general philosophical doctrine); W. von Leyden, *Hobbes and Locke: The Politics of Freedom and Obligation*, chs. 1–3; Brian Barry, 'Warrender and his Critics', *Philosophy*, Vol. 42, April 1868. Repr. in *Hobbes and Rousseau*, Ed. M. Cranston and R. S. Peters, (Anchor paperback). This article is indispensable. There are other interesting papers on Hobbes in the Cranston-and-Peters vol.; D. D. Raphael, *Hobbes, Morals and Politics*, (contains good accounts of the Hobbes literature of the last 50 years); J. Plamenatz, *Man and Society*, Vol. I, chapter on Hobbes (sound); H. Warrender, *The Political Philosophy of Hobbes: His Theory of Obligation*. To be used only with reference to particular topics mentioned in the index. Valuable but not generally accepted interpretation; F. C. Hood, *The Divine Politics of Thomas Hobbes*. Too much emphasis on Hobbes's theology in relation to his political theory; C. B. Macpherson, *The Political Theory of Possessive Individualism: Hobbes to Locke*, (controversial); L. Strauss, *Natural Rights and History*, (controversial on Hobbes); M. Oakeshott, *Hobbes on Civil Association*. **Supplementary Reading List:** M. M. Goldsmith, *Hobbes's Science of Politics*; F. S. McNeilly, *The Anatomy of Leviathan*; D. P. Gauthier, *The Logic of Leviathan*; K. C. Brown (Ed.), *Hobbes Studies*; M. Oakeshott, Introduction to his edition of *Leviathan*, (Blackwells).

Books mentioned under this heading only to be used for the preparation of essays.

Examination Arrangements: For B.Sc. (Econ.) Part II, final year students, written exam paper in June, three hours, four questions out of ten to be answered. For

M.Sc. candidates in the History of Political Thought and in Political Philosophy, written exam paper in September, three hours, three questions out of nine to be answered.

Gv3135
Gv4015

Political Thought (A Selected Text):

Rousseau

Teacher Responsible: Mr. J. Charvet, Room K207 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II, Special Subject IX Government, 3rd year.

Scope: The course is a detailed study of three works by Rousseau in the field of Political Thought: *Discourse of the Arts and Sciences*, *Discourse on the Origins of Inequality* and *The Social Contract*.

Syllabus:

(1) **Discourse on Arts and Science:** The connection between the flourishing of the arts and sciences and the corruption of society; the cause of this corruption; the role of inequality and dependence between men.

(2) **Discourse on the Origins of Inequality:** The original state of nature as one of independence, natural goodness and equality; the emergence of social relations and first beginnings of corruption; the development of private property and inequality; the creation of political society and oppression.

(3) **The Social Contract:** The basis of a just political society in a contract between free and equal men; the terms of the contract; the subordination of the private will to the general will; the realisation of value of freedom and equality; the place of the law; the lawgiver; the executive; civil religion.

Pre-Requisites: The paper is appropriate for students who have a background in the history of political thought or in political philosophy.

Teaching Arrangements: The course will consist of 20 weekly classes (Gv105) in the Michaelmas and Lent Terms (teacher: J. Charvet).

Written Work: The student will be expected to write 4 essays for the course, and otherwise will be expected to introduce and participate in class discussions.

Reading List: Students must acquire copies of the 3 texts.

Rousseau, *The First and Second Discourses* (trs. Masteus); *A Discourse on Inequality* (trs. M. Cranston); Rousseau, *The Social Contract*, (trs. M. Cranston), Penguin.

Additional Reading: N. Hampson, *The Enlightenment: J. Charvet, The Social Problem in the Philosophy of Rousseau*; J. C. Hall, *Rousseau: an Introduction to his Political Philosophy*; J. Shklar, *Men and Citizens*.

Examination Arrangements: The examination takes place in the Summer Term and consists of a single formal and unseen 3 hour paper of around 10 questions of which students are expected to answer 4.

Gv3136
Gv4016

Political Thought (A Selected Text):

Hegel

Teacher Responsible: Professor Kenneth Minogue, Room A387 (Secretary L300)

Course Intended Primarily for B.Sc. (Econ.) Part II students, 2nd or 3rd year.

Scope: The purpose of the course is to enable students to acquire a precise and detailed knowledge of Hegel's *Philosophy of Right*. The paper is designed primarily for those B.Sc. (Econ.) students who specialize in Government. Other Part II students with an interest in the history of political thought, or in political philosophy can also take this paper. Graduate students having the same interest may find the teaching for this paper profitable.

The work consists of a critical reading of, and commentary on, Hegel's *Philosophy of Right*. The work is done in twenty one-hour classes (Gv105) in the Michaelmas and Lent Terms. It is a co-operative enterprise between teachers and students.

Every student should have a copy of Hegel's *Philosophy of Rights*, trs. T. M. Knox (Oxford University Press). A paperback edition is available.

Reading List: The following are a useful introduction to Hegel's thought: Edward Caird, *Hegel*; Walter Kaufman, *Hegel*.

Examination Arrangements: There is a formal three-hour unseen paper in the Summer Term in which students are required to answer four from about eight to ten questions. (The M.Sc. students have a paper set in the same form in September.)

Gv3137
Gv4017

Political Thought

(A Selected Text): J. S. Mill

Teacher Responsible: Mr. E. Thorp, Room K305 (Secretary, Mrs. M. Osborne, K105)

Course Intended Primarily for B.Sc. (Econ.) Part II Third Year

Scope: The aim of this course is to engage students in the detailed and exact study of the central political ideas of a significant political philosopher.

Syllabus: The following works will be studied in close detail:

1. *A System of Logic Book VI The Logic of the Moral Sciences*

2. *Utilitarianism*

3. *On Liberty*

4. *Considerations on Representative Government*

(Students should buy personal copies of these works. 2, 3, 4 are available in one volume in the Everyman Library. Book VI of the Logic is available separately in (1) Bobbs-Merrill Library of Liberal Arts; (2) R. Fletcher (Ed.), *John Stuart Mill* (The Making of Sociology, Series); (3) Older versions of the complete *System of Logic* which are often to be found quite cheaply in secondhand bookshops). (Other of J. S. Mill's works will be prescribed for reading to provide a context for these works).

Gv3138
Gv4018

Political Thought (A Selected Text):

Locke

Teacher Responsible: Professor M. W. Cranston, Room L104 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for B.Sc. (Econ.) Part II 3rd year; M.Sc. (The History of Political Thought); M.Sc. (Political Philosophy).

Scope: Exegesis of key passages and critical interpretation of chief arguments in John Locke's *Second Treatise of Government*, together with a contextual understanding and close analysis (as well as a present-day appraisal) of the main concepts employed.

Syllabus: Natural law and the right to private ownership; issues concerning the use of money. The state of nature and the right of punishment. Three requisites of political life. The judicial power.

Free consent, trust, and the limits of the legislature. Law and civil liberty. Prerogative. Umpirage, supremacy, and the principle of "floating" sovereignty. Majority-rule. Force. Obligation and consent (express or tacit). State of anarchy. Abuse of political authority. Dissolution of government "from within" (Passive and

active). *The state of war and a state of war*. Rebellion and the right of popular resistance. On justifying individual freedom and state authority, lawful government and popular control. Arguments against arbitrary, absolute power. Religious toleration.

Pre-Requisites: Nil.

Teaching Arrangements: One weekly, 1-hour class (course Gv105) beginning first week of Michaelmas Term through to Easter. Continued during Summer Term for graduates only. Attendance compulsory.

Written Work: One essay per term to be read and marked by class teacher, plus one essay per student per term presented to and discussed by the class. Essay length: 1,800–2,000 words. Emphasis on student participation in class, in the form of critical observations and raising of questions.

Reading List: Locke, *Second Treatise of Government*, Ed., P. Laslett, Mentor paperback, or J. Gough's edn., Blackwell, or any other cheap edn. A copy of the book to be brought to each class meeting; Locke, *Essays on the Laws of Nature*, Ed., W. von Leyden, Oxford, Introduction, sect. VI, and Essays I-V; M. Cranston, *John Locke, A Biography* (for life and times; also for general philosophical background); W. von Leyden, *Hobbes and Locke, The Politics of Freedom and Obligation*, chs. 4–6; J. Gough, *Locke's Political Philosophy*, chapter on Trust (good); R. I. Aaron, *John Locke*, 3rd edn., chapter on political philosophy (sound); D. J. O'Connor, *John Locke*, Pelican edn., chapter on political philosophy (solid); J. D. Mabbott, *John Locke* chapter on ethics and political philosophy (reliable); M. Seliger, *The Liberal Politics of John Locke*, and G. Parry, *John Locke*, both to be used only for reference to particular topics mentioned in Index; L. Strauss, *Natural Right and History*, chapter on Locke (controversial); J. Plamenatz, *Man and Society*, Vol. 1, chapter on Locke; J. Dunn, *John Locke*.

Supplementary Reading List: J. Tully, *A Discourse on Property, John Locke and his Adversaries*; J. P. Day, "Locke on Property", *Philosophical Quarterly*, Vol. XVI, 1966, 207–20; K. Olivecrona, "Locke's Theory of Appropriation", *Philosophical Quarterly*, Vol. XXIV, 220–34; J. Dunn, "Consent in the Political Theory of John Locke", *The Historical Journal*, Vol. X, 1967, 153–82; H. Pitkin, "Obligation and Consent", *American Political Science Review* Vol. LIX, 1965, 990–9 and Vol. LX, 1966, 39–52; W. von Leyden, "John Locke and Natural Law", *Philosophy*, Vol. XXXI, 1956, 23–25.

Examination Arrangements: For B.Sc. (Econ.), Part II final year students, written exam paper in June, three hours, four questions out of ten to be answered. For M.Sc. candidates in the History of Political Thought and in Political Philosophy, written exam paper in September, three hours, three questions out of nine to be answered.

Gv3150

History of Political Ideas

Teacher Responsible: Mr. E. Thorp, Room K305 (Secretary, Mrs. M. Osborne, K105)

Course Intended Primarily for B.A. History students, paper C1.

Scope: The course aims to introduce students to the main currents of political ideas from Ancient Greece to the modern West.

Syllabus: Students should consult 'the White Book' and the general description given in the study guide for the Course Gv102 **Political Thought**.

Teaching Arrangements: The basic teaching for this subject, **History of Political Ideas**, is provided by the Government Department. It consists of:

(a) A general course of twenty lectures (Gv102) **Political Thought*** which students should attend in their second year. This covers the general political thought of Greece and Rome, the Medieval World, Modern Times. Students should refer to the study guide for this course.

(b) **Classes: 1986-87:** Students should attend the B.Sc. (Econ.) class in **Political Thought** in their second year. From **1987-88:** Students should attend one of the B.Sc. (Econ.) classes in either **History of Political Thought I** or **History of Political Thought II**, in their second year.

In addition to this basic teaching students may be interested in attending other courses of lectures held at the School or University.

1. Hy102 **The History of European Ideas**

2. Senate House Lecture Course on **European Political Ideas**. Mondays, 11.00 a.m., Sessional. (These courses of lectures could be taken in the second or third years). It should be clearly understood by students proposing to take this subject that it is a study that needs a steady and sustained approach to enable students to become familiar with the various concepts and different modes of thought that are involved in it. Furthermore regular attendance at class discussion is required so that students develop facility in handling ideas.

Students who are thinking of taking this subject should see the Teacher Responsible towards the end of their first year, or at the latest, October in their second year, to discuss the teaching arrangements for the subject and to receive advice on preliminary study.

Examination Arrangements: The examinations in 1986 and 1987. A three-hour paper at the end of the third year, requiring four questions to be attempted. The paper is divided into *two* sections, and at least one question out of each section must be answered. The first section will consist of questions on the starred texts (see 'White Book'); the second, of questions of a broad contextual character. For arrangements after 1987 see latest edition of "White Book".

N.B. Course numbers may vary slightly from year to year.

Gv4000

Gv4001

History of Political Thought (Seminar)

Teacher Responsible: Professor K. Minogue, Room A387 (Secretary, L103)

The Seminar is Intended Primarily for those taking the one-year M.Sc. History of Political Thought. Other graduate students may attend by permission.

Scope: This is a graduate seminar (Gv200) which meets once a week throughout the session in which the topics connected with Papers 1, 2 and 4 of the one-year M.Sc. (Econ.) History of Political Thought are discussed. In

the seminar papers by both staff and students are read and discussed.

Syllabus:

1. **Nature and scope of intellectual history**

History as a mode of thought. The nature of historical understanding. The emergence, character and organising ideas of a history of thought. Beliefs, conduct and events.

2. **Critical Problems in the history of political thought**

Politics and the political.

Varieties of political utterance and discourse: practical, 'scientific', historical, philosophical.

'Political theory'. Problems of historical understanding and interpretation illustrated from general and special histories of political thought and histories of specific political ideas.

Reading List: Lists of suggested reading are too lengthy to reproduce here. They will be circulated at the first meeting of the seminar. Copies may also be obtained from the Secretary of the Department of Government, Miss E. Schnadhorst, Room K206.

Examination Arrangements: Examinations take place during the first week of September and results are published towards the end of the same month or at the beginning of October.

Gv4005

Greek Political Philosophy: The Concept of Justice

Teacher Responsible: Dr. F. Rosen, Room L101 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for M.Sc. Politics 9.

Scope: The course is intended to explore, both historically and analytically, the theme of justice and related issues in Greek political philosophy.

Syllabus: The course will be concerned with the following themes: the trial and death of Socrates; the Socratic paradoxes; the Sophists; nature and convention; the concept of *techne*; punishment; freedom; myth; virtue; friendship (*philia*); law and justice; equality; and constitutions.

Teaching Arrangements: 15 fortnightly 2 hour seminars (Gv203) throughout the session.

Written Work: Students will be expected to write 4 essays for the seminar which will be discussed in individual tutorials.

Reading List: Plato, *Apology of Socrates, Crito, Protagoras, Gorgias, Republic, Laws*; Aristotle, *Nicomachean Ethics; Politics*.

Examination Arrangements: The examination will take place in early September and will consist of a formal and unseen 3 hour paper. The paper will contain around ten questions of which students will be required to answer 3.

Gv4006

Modern Political Philosophy: Freedom and Equality

Teacher Responsible: Mr. J. Charvet, Room K207 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for M.Sc. Politics 9.

Scope: The course is intended to explore substantive problems of modern political philosophy focussing on ideas of freedom and equality.

Syllabus: The course will be concerned with the following themes: the meaning and possibility of freedom; the meaning and justification of equality; the relation and opposition of freedom and equality; substantive theories of justice governed by principles of freedom and equality – those of Rawls, Nozick and Egalitarian theories; the individualist nature of theories of freedom and equality; utilitarianism; anti-individualist theories – Hegel and Marx.

Teaching Arrangements: 15 fortnightly 2 hour seminars (Gv204) throughout the session.

Written Work: Students will be expected to write 4 essays for the seminar which will be discussed in individual tutorials.

Reading List: Sir I. Berlin, *Two Concepts of Liberty*; J. Charvet, *A Critique of Freedom and Equality*; R. Nozick, *Anarchy, State and Utopia*; J. Rawls, *A Theory of Justice*; J. Feinberg, *Rights, Justice and the Bounds of Liberty*.

Examination Arrangements: The examination will take place in early September and will consist of a formal and unseen 3 hour paper. The paper will contain around 10 questions of which students will be required to answer 3.

Gv4013 see Gv3133

Gv4014 see Gv3134

Gv4015 see Gv3135

Gv4016 see Gv3136

Gv4017 see Gv3137

Gv4018 see Gv3138

Political Thought (A Selected Text)

Teacher Responsible: Mr. J. Charvet, Room K207 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for M.Sc. Politics 9

Scope: Students will be required to choose *one* of the following authors and study in detail one or more major works by them:

Machiavelli (Gv4013), Hobbes (Gv4014), Locke (Gv4018), Rousseau (Gv4015), Hegel (Gv4016), J. S. Mill (Gv4017).

Syllabus: For the syllabus for individual authors together with reading lists and teaching arrangements see Study Guides Gv3133-3138.

Examination Arrangements: The examination will take place in early September and will consist of a 3 hour paper on the selected texts of the chosen author. The paper will contain around 10 questions of which students will be required to answer 3.

Gv4025

The State in the United Kingdom

Teacher Responsible: Dr. R. Barker, Room K100 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to familiarise students with the principal views and interpretations of the state, and with the usefulness of those views in understanding the politics and government of the United Kingdom.

Syllabus: The growth, structure, character and powers of the modern state in the U.K., and of the various theories which seek to account for or explain these.

The growth of the modern state, and of its economic responsibilities and social services. Marxism, pluralism, and theories of autonomous government.

Legitimacy and coercion; the occupation of governing; the institutions of government.

Pre-Requisites: None. Students come to this course from a variety of backgrounds in the social sciences.

Teaching Arrangements: 10 2½-hour seminars (Gv206) in each of the first two terms. Students specialising in the U.K. M.Sc. option will be allocated a personal tutor who will co-ordinate their studies in general, and who will be initially responsible for advice about the dissertation. The State in the U.K. seminars will be taught by Dr. R. Barker; Mr. A. J. L. Barnes (Room K309) and Mr. A. J. Beattie (Room L102) will also act as personal supervisors.

Written Work: Students will normally write two papers per term.

Reading List: (A full reading list and seminar programme will be issued at the beginning of the course.)

Gregor McLennan, David Held & Stuart Hall (Eds.), *The Idea of the Modern State*; James O'Connor, *The Fiscal Crisis of the State*; Ralph Miliband, *The State in Capitalist Society*; C. E. Lindblom, *Politics and Markets*; Gianfranco Poggi, *The Development of the Modern State*; Kenneth Dyson, *The State Tradition in Western Europe*; P. Stanworth & A. Giddens (Eds.), *Elites and Power in British Society*; Hugh Hecllo & Aaron Wildavsky, *The Private Government of Public Money*; Tony Bunyan, *The Political Police in Britain*; Claus Offe, *Contradictions of the Welfare State*.

Examination Arrangements: A three-hour formal examination in September. The number of questions varies from 8 to 12; students must attempt 3.

Gv4026

Interpretations of the Constitution

Teacher Responsible: Mr. A. J. Beattie, Room L102 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to introduce students to a particular kind of political thinking, concerned with the distribution of authority between British political institutions rather than with substantive policy questions.

Syllabus:

1. The status of constitutional thinking, and its relation to other kinds of political discourse;

2. The history of constitutional thought in Britain, from 1660 to the present day. This will be studied through individual texts (e.g. Hume's *Essays*, Dicey's *Law of the Constitution*, etc.) and through the examination of a number of established themes (the separation of powers, the rule of law, representation, party government, etc.).

Pre-Requisites: None. Students wholly unfamiliar with British politics and constitutional history will be expected to undertake initial, directed reading.

Teaching Arrangements: Gv175 **British Constitutional Ideas since the 1880s**, 25 lectures, Sessional and 5 2-hour seminars (Gv205) in each of the 3 terms. Students specialising in the U.K. M.Sc. option will be allocated a personal tutor who will co-ordinate their studies in general, and who will be initially responsible for advice about the dissertation. The 'Interpretations' seminars will be taught by **A. J. Beattie**; **Mr. A. J. L. Barnes** (Room K309) and **Dr. R. S. Barker** (K201) will also act as personal supervisors.

Written Work: Students will normally present an average of 2 seminar papers per term. These papers will be photocopied and circulated before each seminar meeting. In addition, each student will present to **Mr. Beattie** a minimum of 2 essays per term.

Reading List: (A full reading list and seminar programme will be issued at the beginning of the course.)

M. J. C. Vile, *Constitutionalism and the Separation of Powers*; J. C. Rees, *Interpreting the Constitution*; G. Marshall, *Constitutional Theory*; A. H. Birch, *Representative and Responsible Government*; S. H. Beer, *Modern British Politics*; H. L. A. Hart, *The Concept of Law*.

Examination Arrangements: A three-hour formal examination in September. The paper will have approximately 15 questions; students must attempt 3.

Gv4027

The History of British Politics in the 20th Century

Teacher Responsible: **Mr. A. J. Beattie**, Room L102 (Secretary, Mrs. P. da Gama Pinto, L300)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to engage students in the detailed study of 20th century British political events and the politicians associated with them, and to achieve an understanding of the character and problems of historical enquiry in this period.

Syllabus:

1. The study of the events of British politics since the 1890s, with special emphasis on the ambitions, purposes and the ideas of the politicians involved, and the institutional context within which they acted.
2. Students will be examined on the assumption that in addition to a knowledge of the period as a whole, they will have specialised further in *one* of the following periods: 1900-1916; 1916-1922; 1922-1931; 1931-1940; Post-1940.
3. The nature of the historical debates about British politics in the 20th Century. This historiographical study will be undertaken through a study of individual historical works (e.g. Cowling, *The Impact of Hitler*) and of the way in which historians have treated particular themes (e.g. party history, the history of foreign policy, biographical studies, etc).

Pre-Requisites: None. All students will benefit from attending the lecture course Gv152, and this course should be regarded as essential for students who are wholly unfamiliar with modern British History.

Teaching Arrangements: 5 2-hour seminars (Gv208) in each of the 3 terms. Students specializing in the U.K.

M.Sc. option will be allocated a personal tutor who will co-ordinate their studies in general, and who will be initially responsible for advice about the dissertation. The history of Politics seminars will be taught by **Mr. Beattie** and **Mr. A. J. L. Barnes** (Room K309), and **Dr. R. Barker** (Room K201) will also act as a personal supervisor.

Written Work: Students will normally present an average of 2 seminar papers per term. These papers will be photocopied and circulated before each seminar meeting. In addition, each student will present to a specified seminar teacher a minimum of 2 essays per term. These essays will normally be within the special period chosen by the student.

Reading List: (A full, annotated reading list and seminar programme will be issued at the beginning of the course.)

A. Havighurst, *Britain in Transition*; M. Cowling, *The Impact of Labour*; K. Middlemas & J. Barnes, *Baldwin*; P. Addison, *The Road to 1945*; R. Bassett, *1931: Political Crisis*; J. Ramsden, *The Age of Balfour and Baldwin*.

Examination Arrangements: A three-hour formal examination in September. The paper will be divided into 2 sections. Section A will consist of approximately 6 historiographical questions; Section B will have approximately 24 questions, designed to test knowledge of the candidates' chosen special period. Candidates must answer 3 questions in all, of which at least one must be taken from Section A, and at least one from Section B.

Gv4028

Modern British Political Ideas

Teacher Responsible: **Dr. R. Barker**, Room K100 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for M.Sc.

Scope: The aim of the course is to familiarise students with the principal political arguments that have occurred in the United Kingdom over the last hundred years.

Syllabus: Politics, political ideas, and political argument; argument over the rise of the modern state in the United Kingdom – liberalism, socialism, anarchism, conservatism. The various forms of pluralism.

The debate over citizenship and over the composition of political society; nationalism, feminism, populism.

Pre-Requisites: None. Students come to this course from a variety of backgrounds in the social sciences.

Teaching Arrangements: Ten 2½-hour seminars (Gv219) in each of the first two terms. Students specialising in the U.K. M.Sc. option will be allocated a personal tutor who will coordinate their studies in general, and who will be initially responsible for advice about the dissertation.

The Political Ideas seminars will be taught by **Dr. R. Barker**.

Mr. A. J. L. Barnes (Room K309) and **Mr. A. J. Beattie** (Room L102) will also act as personal supervisors.

Written Work: Students will normally write two papers per term.

Reading List: (A full reading list and seminar programme will be issued at the beginning of the course.)

Rodney Barker, *Political Ideas in Modern Britain*; Raymond Williams, *Culture and Society 1780-1950*; L. T. Hobhouse, *Liberalism*; G. B. Shaw (Ed.), *Fabian Essays in Socialism*; Herbert Spencer, *The Man versus the State*; Lord Hugh Cecil, *Conservatism*; Peter Kropotkin, *Fields, Factories and Workshops*; E. P. Thompson, *William Morris: from Romantic to Revolutionary* (2nd edn., 1977); Hilaire Belloc, *The Servile State*; R. H. Tawney, *The Acquisitive Society*; George Orwell, *The Lion and the Unicorn*; Anna Coote & Ben Campbell, *Sweet Freedom*; C. A. R. Crosland, *The Future of Socialism*; R. M. Titmuss, *The Gift Relationship*; Michael Oakeshott, *Rationalism in Politics*; F. A. Hayek, *The Constitution of Liberty*.

Examination Arrangements: A three-hour formal examination in September. The number of questions varies from 8 to 12; students must attempt 3.

Gv4040

Political Sociology I: Revolutions and Social Movements

Teacher Responsible: **Dr. T. J. Nossiter**, Room K308 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for students registered for the M.Sc. **Political Sociology** but open to students on other M.Sc. courses with the approval of students' supervisors and **Dr. Nossiter**, and research students in related fields on the same basis.

Scope: A critical assessment of attempts to explain profound political change including revolutions, state formation and nation-building through a confrontation of theories, models and approaches with evidence relating to particular cases.

Syllabus: "Natural history", functionalist and Marxist theories of revolution; nation-building, nationalism and state formation processes; theories of imperialism, dependency and underdevelopment; millenarian and other types of social movements; the peasant, working class, religious, nationalist and other factors in particular cases of revolutionary and non-revolutionary change. The range of cases treated will depend in part on the background and interests of the members of the seminar.

Teaching Arrangements: Twenty two-hour seminars (Michaelmas Term). Students are also assigned an individual supervisor. Teaching occurs in connection with papers written by the students. There are no compulsory lectures but many courses of (and individual) lectures given within the Department and elsewhere in the School are germane. Advice is given in relation to individual needs and interests at the beginning of the course.

Introductory Reading List: Detailed reading lists will be made available at the commencement of the course or earlier on request. P. T. Bauer, *Dissent on Development* (1976); J. Barrington Moore, *Social Origins of Dictatorship and Democracy* (1969); A. Brewer, *Marxist Theories of Imperialism* (1980); C. Brinton, *Anatomy of Revolution* (1938); P. Calvert, *Revolution* (1970); A. S. Cohen, *Theories of*

Revolution: An Introduction (1975); E. Hobsbawm, *Revolutionaries* (1977); G. Ionescu & E. Gellner (Eds.), *Populism* (1969); Chalmers Johnson, *Revolutionary Change* (1968); W. Kornhauser, *The Politics of Mass Society* (1960); G. Poggi, *The Development of the Modern State* (1978); T. Skocpol, *States and Social Revolutions* (1979); N. Smelser, *Theory of Collective Behaviour* (1963); Anthony Smith, *Theories of Nationalism* (1971); B. Warren, *Imperialism* (1980); A. Westoby, *Communism since World War II* (1981); P. Wilkinson, *Social Movements* (1971); E. Wolf, *Peasant Wars of the Twentieth Century* (1971).

Examination Arrangements: One three-hour written examination in early September on the basis of the syllabus as taught in the two preceding academic sessions.

Gv4041

Political Sociology II: Political Behaviour

Teacher Responsible: **Dr. T. J. Nossiter**, Room K308 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for students registered for the M.Sc. **Political Sociology** but open to students on other M.Sc. courses and research students in appropriate fields with the approval of students' supervisors and **Dr. Nossiter**.

Scope: The course provides a critical review of research into political behaviour with particular but not exclusive reference to British and American studies.

Syllabus: The behavioural approach and its critics; surveys and the study of public opinion; the 'Authoritarian Personality'; political socialisation; political culture; the mass media and political communications; electoral behaviour; parties and party systems; 'Who Governs?' – the study of community power.

Teaching Arrangements: Twenty two-hour seminars (Lent Term). Students are also assigned an individual supervisor. Teaching is by means of seminars based on papers prepared by students. There are no compulsory lectures. Advice is given at the beginning of the course as to which optional courses within the Department or elsewhere in the School will best meet individual needs and interests. **Political Sociology (So5880)**, **Political Behaviour With Special Reference to the United Kingdom (Gv3027)**, **Data Analysis for Political Science and Public Policy (Gv215)**, **Media and Society: Social and Communications Policy Issues (Sa133)** are relevant.

Introductory Reading List: Detailed reading lists will be made available at the commencement of the course or earlier on request.

D. Kavanagh, *Political Science and Political Behaviour* (1983); R. E. Dowse & J. Hughes, *Political Sociology* (1973); B. Stacey, *Political Socialisation in Western Europe* (1978); G. Almond & S. Verba, *The Civic Culture* (1963); *The Civic Culture Revisited* (1980); H. Himmelweit, *How Voters Decide* (1981); B. Särilvik & I. Crewe, *Decade of Dealignment* (1983); P. Dunleavy & C. Husbands, *British Democracy at the Crossroads*; A. Seaton & J. Curran (Eds.), *Power without Responsibility* (1985); A. May & K. Rowan,

Inside Information: British government and the media (1982); J. G. Blumler et al., *The Challenge of Election Broadcasting* (1978); Glasgow University Media Group, *Bad News* (1976) and sequels; B. Erickson & T. Nosanchuk, *Understanding Data* (1979); F. Teer & J. Spence, *Political Opinion Polls* (1973); M. Harrison, *Whose Bias?*

Examination Arrangements: One three-hour written examination in early September on the basis of the syllabus as taught in the two preceding academic sessions.

Gv4042

Political Sociology III: Theories and Concepts of Political Sociology

Teacher Responsible: Dr. T. J. Nossiter, Room K308 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for students registered for the M.Sc. **Political Sociology** but open to students on other M.Sc. courses and research students in appropriate fields with the approval of students' supervisors and Dr. Nossiter.

Scope: Whereas **Political Sociology I: Revolutions and Social Movements (Gv4040)** includes much historical material and **Political Sociology II: Political Behaviour (Gv4041)** includes much empirical material, **Political Sociology III: Theories and Concepts** deals with rival conceptualisations of the nature of the state and political life largely in logical and theoretical terms from Marx and Weber to the present. The most recent contributions to the field are evaluated.

Syllabus: Power and authority: theories of the character and role of the State and the nature of political life from Marx and Engels to the present including Weber, Elite theories, functionalism and systems theories, neo-marxism, mass society and structuralism. Because of the international character of the seminars and the variety of student backgrounds there is some flexibility in the detailed content of this course from year to year.

Teaching Arrangements: As per **Political Sociology II: Political Behaviour**.

Introductory Reading List: Detailed reading lists will be made available at the commencement of the course or earlier on request.

T. Bottomore & R. Nisbet (Eds.), *A History of Sociological Analysis* (1978); L. Kolakowski, *Main Currents of Marxism* (3 vols.) (1978); S. Ehrlich, *Pluralism On and Off Course* (1983); G. Duncan (Ed.), *Democratic Theory & Practice* (1983); A. Giddens, *Profiles & Critiques in Social Theory* (1983); A. Nove, *The Economics of Feasible Socialism* (1983).

Examination Arrangements: One three-hour written examination in early September on the basis of the syllabus as taught in the two preceding academic sessions.

Gv4050

The Government and Politics of the USSR

The syllabus comprises the syllabuses for papers (3) and (4) of the M.Sc. in the Politics and Government of

Russia, except that there are no set texts and no language requirement. A study guide for the Russian M.Sc. is available.

Teaching Arrangements: Students must attend all seminars for Gv4053 and Gv4054. They will benefit from attending seminars for Gv4051 and Gv4052 as well.

Examination Arrangements: Students will be examined in September in a three-hour written paper. The exam gives equal weight to the syllabus of Gv4053 and Gv4054.

Gv4051

Russian Political Institutions

Teacher Responsible: Dr. Dominic Lieven, Room L202 (Secretary, Mrs. Marion Osborne, K105)

Course Intended Primarily for students doing M.Sc. **Politics and Government of Russia** (4A and 4B) but other qualified graduate students can attend by arrangement.

Scope: Russian politics and government 1861-1917. **Syllabus:** The monarchy; central and local governmental institutions; the judiciary; the bureaucracy; liberal and revolutionary movements and parties; the reforms of Alexander II; the counter-reforms of Alexander III; the 1905 revolution; the 'constitutional experiment'; russification; the politics of economic development; domestic roots of foreign policy; war and revolution (1914-1917).

Pre-Requisites: Candidates for M.Sc. **Politics and Government of Russia** (4A) need to be able to read Russian-language works on history and politics. Candidates for 4A who have inadequate knowledge of the Russian language and candidates for 4A and 4B who have little grounding in Russian/Soviet history or politics will require 2 years for the M.Sc. so that they can take appropriate qualifying exams at the end of their first year.

Teaching Arrangements: (Courses Gv165, Gv227, Gv228, LL164, Sol169). Gv4051 (together with Gv4052) is taught by Dr. Lieven and Mr. White in weekly 2½ hour seminars in the autumn and the first half of the spring terms. Students normally write 3 essays per term, which are discussed in this seminar. Students should also attend a weekly seminar on Communist politics addressed by visiting specialists and organised by Mr. Schöpflin, Dr. Lieven and Mr. White. They may also attend relevant lecture courses given by Dr. Lieven, Mr. White, Mr. Schöpflin, and also in the departments of economics, law, history, and geography. Russian language tuition is provided by Dr. B. Johnson in classes in the language laboratory, and sometimes courses can also be attended in other parts of the university.

Reading List: H. Seton-Watson, *The Russian Empire 1861-1917*; H. Rogger, *Russia in the Age of Modernisation and Revolution 1881-1917*; R. Pipes, *Russia Under the Old Regime*; G. Hosking, *The Russian Constitutional Experiment*; E. Thaden, *Russification in the Baltic Provinces and Finland*; D. Lieven, *Russia and the Origins of the First World War*; F. Venturi, *Roots of Revolution*; J. Keep, *The Rise of Social Democracy in Russia*.

Examination Arrangements: This course is examined by a three-hour written paper in early September. The set text (knowledge of which is tested by a compulsory question requiring commentary on an extract from this text) is the Fundamental Laws of the Russian Empire 1906. Candidates for 4A are given extracts in Russian, which they must also translate. Candidates for 4B are given extracts in English translation.

Gv4052

Russian Political Thought

Teacher Responsible: Dr. Dominic Lieven, Room L202 (Secretary, Mrs. Marion Osborne, K105)

Course Intended Primarily for: See Gv4051

Scope: Currents in Russian political thinking and individual political thinkers from 1815 to the 1980s. **Syllabus:** Slavophiles and Westerners of the 1830s and 1840s; non-marxist socialists; 'Populists'; *Pochvenniki* and conservatives; marxist thinkers; contemporary dissident thought, Herzen, Chernyshevsky, Bakunin, Lavrov, Dostoyevsky, Plekhanov, Tikhomirov, Lenin, Trotsky, Bukharin, Solzhenitsyn.

Pre-Requisites: See Gv4051.

Teaching Arrangements: See Gv4051.

Reading List: Works by the political thinkers listed above (see Syllabus). Also F. Venturi, *Roots of Revolution*; A. Walicki, *A History of Russian Political Thought*; N. Riasanovsky, *Russia and the West in the Teaching of the Slavophiles*; R. Wortman, *The Crisis of Russian Populism*; L. Schapiro, *Rationalism and Nationalism in Russian Nineteenth-Century Political Thought*; N. Harding, *Lenin's Political Thought* (2 volumes).

Examination Arrangements: See Gv4051. The set text is chapter 5 of Lenin's *State and Revolution*.

Gv4053

The Development of the Soviet Polity

Teacher Responsible: Dr. Dominic Lieven, Room L202 (Secretary, Mrs. Marion Osborne, K105)

Course Intended Primarily for: See Gv4051

Scope: Soviet political history from 1917 until the 1980s.

Syllabus: The consolidation of Bolshevik power (November 1917-21); the rise of Stalin; collectivisation, 5 Year Plans, terror; the nature of Leninism and Stalinism; power politics 1941-1953; the rise and fall of Khrushchev; the Brezhnev era; Andropov and successors.

Pre-Requisites: See Gv4051.

Teaching Arrangements: This course (together with Gv4054) is taught by Dr. Lieven and Mr. White in weekly 2½ hour seminars in the second half of the spring term and the summer term. For other information see Gv4051. Students taking the Soviet option for the M.Sc. in Comparative Government must attend these seminars.

Reading List: L. Schapiro, *Origins of the Communist Autocracy*; L. Schapiro, *History of the Communist Party*; T. Rigby, *Lenin's Government*; R. Tucker (Ed.), *Stalinism*; G. Urban (Ed.), *Stalinism*; M. Tatu, *Power in the Kremlin*; A. H. Brown and M. Kaser (Eds.), *The*

Soviet Union Since the Fall of Khrushchev; G. Breslauer, *Khrushchev and Brezhnev as Leaders*.

Examination Arrangements: See Gv4051. The set text is the 1961 CPSU Programme, Part 2, Section III (sub-sections 1 and 2) and VII.

Gv4054

Soviet Political Institutions

Teacher Responsible: Dr. Dominic Lieven, Room L202 (Secretary, Mrs. Marion Osborne, K105)

Course Intended Primarily for: See Gv4051

Scope: Contemporary Soviet political institutions. **Syllabus:** CPSU; Marxism-Leninism; Politburo; Defence Council; Central Committee; regional CP; state apparatus; Soviets; economic administration; armed forces; KGB; mass media; churches; nationalities.

Pre-Requisites: See Gv4051.

Teaching Arrangements: See Gv4053.

Reading List: M. Fainsod, *How Russia is Ruled*; M. Fainsod and J. Hough, *How the Soviet Union is Governed*; P. Frank and R. Hill, *The Soviet Communist Party*; J. Armstrong, *Ideology, Politics and Government in the Soviet Union*; J. Hough, *The Soviet Prefects*; W. Taubman, *Governing Soviet Cities*; J. Azrael, *Soviet Nationality Policies and Practices*; S. Bialer, *Stalin's Successors*.

Examination Arrangements: See Gv4053. The set text is *The Rules of the CPSU*, 1966.

Gv4060

Politics and Government of Eastern Europe

See Gv3055

Gv4065

Comparative Government

Teacher Responsible: Mr. L. A. Wolf-Phillips, Room K208 (Secretary, Miss E. Schnadhorst, K206)

Course Intended Primarily for the M.Sc. (Politics) 5 in **Comparative Government**; a one-year course which is compulsory for those students taking the examinations for M.Sc. (Politics) 5.

Scope: The Comparative Government course is designed to meet the needs of graduate students who require a general grounding in comparative political studies accompanied by the opportunity to concentrate on specialised areas or topics.

Syllabus: The course in **Comparative Government** is designed to meet the needs of those who can profit by a general grounding in the field of comparative political studies, accompanied by more specialised topics. Comparative Government has been at the centre of debate amongst political scientists for many years. There are those who would see the subject as no more than "the study of foreign governments" and those who would see the "scientific" study of "comparative politics" as leading to the establishment of a "General Theory of Politics". Between these extreme positions many political scientists are aware of the need constantly to explore the possibilities of improving the techniques of comparative study.

The paper **Comparative Government** is a survey of this debate and its origins. The gradual emergence of political science as an autonomous discipline is reviewed with special attention being paid to such leading contributors as Woodrow Wilson, James Bryce and J. W. Burgess. The debate of the 1950s and 1960s and the nature of the "behavioural revolution" is discussed both in general terms and through the works of prominent advocates of reform.

Case studies concerned with the comparative study of constitutions, executives, legislatures, and judiciaries attempt to take account of the positive results of the long methodological debate in the field of Comparative Government.

Teaching Arrangements: A two-hour seminar will be held weekly during the Michaelmas and Lent terms; individual tutorials will also be given by **Mr. Wolf-Phillips** throughout the session. All students will be expected to read seminar papers and submit tutorial essays throughout the session.

Reading List: Preliminary: W. J. M. Mackenzie, *Politics and Social Science*; J. Blondel, *The Discipline of Politics*; J. Blondel, *An Introduction to Comparative Government*; S. E. Finer, *Comparative Government*; S. E. Finer, *Five Constitutions*; L. Wolf-Phillips, "Metapolitics" in *Political Studies* 12(3) 1964. Supplementary: J. C. Charlesworth (Ed.), *Contemporary Political Analysis*; Anna Haddow, *Political Science in American Colleges and Universities, 1636-1900*; Albert Somit and Joseph Tanenhaus, *The Development of American Political Science: from Burgess to Behaviouralism*; R. C. Macridis, *Comparative Government*; G. Heckscher, *The Study of Comparative Government and Politics*; International Political Science Association, *Proceedings of the Research Panel on Comparative Government (1954)* (indexed in Library under I.P.S.A. Round Table at Call-mark JA1.A1); *Report of the Research Panel on Comparative Government of the American Political Science Association (1944)*, (printed in *American Political Science Review* 38 (1944) pp. 540-8) (Call-mark JA1.A1); *Report of the Inter-University Seminar on Comparative Politics* (Social Science Research Council) (1952), (printed in *American Political Science Review* 47 (1953) pp. 641-75) (Call-mark JA1.A1); A. P. Blaustein and G. Flanz, *Constitutions of the Countries of the World* (Call-mark K3157 A3.B64) is a multi-volume work which is constantly up-dated; it is the most authoritative and comprehensive reference source as to world constitutional texts and includes accompanying chronological introductions and bibliographies. (Further reading on specific topics will be given during the course.)

Examination Arrangements: This course will be examined by means of one three-hour written paper (three questions to be answered from a choice of about twelve questions); the paper is a compulsory "core" paper for M.Sc. (Politics) 5 and is examined in September only.

Gv4071

The Politics and Government of Western Europe

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for students registered for the M.Sc. Politics (7), **The Politics and Government of Western Europe**, and generally not suitable for students on other M.Sc. courses.

Scope: The aim is to introduce students to the comparative study of West European politics. All students should gain knowledge of a number of political systems within a framework of comparative theory and study Western Europe in relation to important themes and problems which are common to advanced industrialised societies.

Syllabus: The syllabus for this course is based exclusively on cross-national comparison within Western Europe. The following themes will be subjected to analysis: the social bases of political systems, including religion and class, nationalism and regionalism. Theories of European society; consociational democracy and neo-corporatism. Party systems and the major European political traditions: Social Democracy, Conservatism, Christian Democracy, and Communism. New problems and forces: feminism, racialism and migrant labour, territorial identity. Post-materialism and the new politics. The tax-welfare backlash. Economic growth and the stability of liberal democracy.

Teaching Arrangements: Gv237, twenty-three seminars (Michaelmas, Lent and Summer terms). Students are strongly advised to attend: a) **Gv241, The Politics and Government of Italy**, and b) **Gv226, West European Studies**.

Reading List: Detailed reading lists will be made available at the start of each term.

Introductory Reading: G. Almond and S. Verba (Eds.), *The Civic Culture Revisited* (1980); S. Berger (Ed.), *Religion in West European Politics* (1982); M. Dogan and R. Rose (Eds.), *European Politics: A Reader* (1971); N. Elder, D. Arter and A. Thomas, *The Consensual Democracies?* (1983); F. F. Ridley (Ed.), *Government and Administration in Western Europe* (1979); M. Kolinsky and W. Paterson (Eds.), *Social and Political Movements in Western Europe* (1976); P. Lange and S. Tarrow (Eds.), *Italy in Transition* (1980); A. Lijphart, *Democracy in Plural Societies* (1977); H. Machin (Ed.), *National Communism in Western European Party Systems* (1980); C. Offe, *Contradictions of the Welfare State* (1984); P. Schmitter and G. Lehmbruch (Eds.), *Trends Towards Corporatist Intermediation* (1979); L. J. Sharpe (Ed.), *Decentralist Trends in Western Democracies* (1979); J. Siltanen and M. Stanworth (Eds.), *Women and the Public Sphere* (1986); G. Smith, *Democracy in Western Germany* (1982); G. Smith, *Politics in Western Europe* (1984); E. Suleiman and R. Rose (Eds.), *Presidents and Prime Ministers* (1981); V. Wright, *The Government and Politics of France* (1983).

Examination Arrangements: One three-hour written examination in June.

Gv4072

European Multi-Party Systems

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for postgraduate students especially for M.Sc. Politics (7), **The Politics and Government of Western Europe**.

Scope: The course provides a comparative analysis of party systems in Western Europe. It includes a study of individual countries combining that with the application of particular theories relating to party representation, development, and competitive relationships.

Syllabus: The major European party traditions and individual variants. An examination of a range of European party systems; the factors governing their past development and present trends. Theories of development, the 'freezing' hypothesis and Kirchheimer's transformation argument. Contemporary sources of electoral realignment and dealignment; the rise of new parties and movements. The classification of party systems. Application of Left/Centre/Right concepts; the multi-dimensional alternatives. Polarised and depolarised systems. Electoral systems and the consequences for party representation. Multi-party systems in relation to the formation and stability of government; the application of coalition theory.

Teaching Arrangements: Gv234 Twenty-two weekly seminars, Michaelmas and Summer Terms.

Reading List: K. von Beyme, *Political Parties in Western Democracies* (1985); S. Bartolini and P. Mair, *Party Politics in Contemporary Western Europe* (1984); V. Bogdanor (Ed.), *Coalition Government in Western Europe* (1983); S. Burin and K. Shell, *Selected Essays of Otto Kirchheimer* (1969); D. Butler and V. Bogdanor (Eds.), *Democracy and Elections* (1983); D. Butler et al (Eds.), *Democracy at the Polls* (1981); H. Daalder and P. Mair (Eds.), *Western European Party Systems* (1983); M. Dogan and R. Rose (Eds.), *European Politics* (1971); M. Duverger, *Political Parties* (1964); L. Epstein, *Political Parties in Western Democracies* (rev. edn., 1980); S. Finer (Ed.), *Adversary Politics and Electoral Reform* (1975); S. Henig (Ed.), *Political Parties in the European Community* (1979); S. Lipset and S. Rokkan (Eds.), *Party Systems and Voter Alignments* (1967); P. Merkl (Ed.), *Western European Party Systems* (1980); D. Rae, *The Political Consequences of Electoral Laws* (1967); G. Sartori, *Parties and Party Systems* (1976); G. Smith, *Politics in Western Europe* (4th edn. 1984).

Examination Arrangements: One three-hour written examination in June.

Gv4090

The Politics and Government of France

Teacher Responsible: Dr. H. Machin, Room L204 (Secretary, Mrs. M. Clark, L207)

Course Intended Primarily for postgraduate students (M.Sc. Politics 5 — **Comparative Government, Politics 7** — **The Politics and Government of W. Europe**, M.Sc.

European Studies). Other postgraduates may also be authorised to participate.

Scope: an advanced analysis of political forces, government structures and contemporary problems in France, since 1958.

Syllabus: France in international politics. The tradition of unstable parliamentary government. The foundation of the Fifth Republic. The constitution of the presidency. De Gaulle as president. The changing French political culture. Interest groups: trade unions, farmers, the Church. The Media. Women in politics. Local and regional politics. Political parties and elections. Legislative-executive relations. Decision-making within the Executive. Political control of the administration. The State: personnel recruitment and training; administrative structures; the public sector; central-local relations; public finance. Defending the citizen against the State. The Mitterrand presidency. **Pre-Requisites:** a basic knowledge of France is useful; students lacking this will be required to attend undergraduate lectures and undertake a special reading programme.

Teaching Arrangements: seminars: Gv225 23 weekly Michaelmas, Lent and Summer terms given by **Dr. H. Machin** and **Dr. D. Levy**. Optional lectures for students with little knowledge of France: Gv163 22 weekly Michaelmas, Lent and Summer terms and Gv106 10 weekly Lent term (**French Political Thought**).

Reading List: H. Machin and V. Wright (Eds.), *Economic Policy and Policy-Making under the Mitterrand Presidency 1981-1984* (1985); V. Wright, *The Government and Politics of France* (1983); J. E. S. Hayward, *Governing France* (1983); J. R. Hough, *The French Economy* (1982); W. G. Andrews and S. Hoffman, *The Fifth Republic at Twenty* (1981); V. Wright (Ed.), *Continuity and Change in France* (1984). This is an introductory list. A full syllabus with detailed bibliography will be given at the start of each term.

Examination Arrangements: one three-hour written paper in June: 3 questions.

Gv4100

The Politics and Government of Germany

Teacher Responsible: Dr. Gordon Smith, Room K102 (Secretary, Miss C. Cowey, K105)

Course Intended Primarily for postgraduate students especially for those taking M.Sc. Politics (7), **The Politics of Government of Western Europe**, and also for M.Sc. Politics (5), **Comparative Government**, the M.Sc. **European Studies** and the M.Sc. **International Relations**.

Scope: The main part of the course is concerned with contemporary politics of the Federal Republic. Attention is also given to the development of modern Germany since 1918. A detailed knowledge of the politics of the German Democratic Republic is not required.

Syllabus: The major features in the development of modern Germany, with special attention to the parliamentary and party system of the Weimar Republic and the factors leading to its collapse. The

consequences of post-war occupation. The Basic Law as a system of checks and balances. The development of the party system in the Federal Republic, and the determinants of coalition politics. The changing socio-economic structure of the electorate, and the impact of the 'new politics'. The structure of economic policy making. West German foreign policy and the course of inner-German relations.

Pre-Requisites: A background knowledge of German history is useful, and an ability to read German is desirable.

Teaching Arrangements: Twenty-five lectures (Gv167) and twenty-five seminars (Gv235).

Reading List: The following books can usually be read as an introduction to the course: V. Berghahn, *Modern Germany: Society, Economy and Politics in the Twentieth Century* (1982); K. von Beyme, *The Political System of the Federal Republic of Germany* (1983); K. von Beyme and M. Schmidt, *Policy and Politics in the Federal Republic of Germany* (1985); R. Dahrendorf, *Society and Democracy in Germany* (1969); H. Doering and G. Smith, *Party Government and Political Culture in Western Germany* (1982); M. & S. Greiffenhagen, *Ein schwieriges Vaterland* (1979); W. Hennis, *Die missverstandene Demokratie* (1973); E. Krippendorff and V. Rittberger (Eds.), *The Foreign Policy of West Germany* (1980); N. Johnson, *State and Government in the Federal Republic of Germany* (1983); H. Kaack and R. Roth (Eds.), *Handbuch des deutschen Parteiensystems*, 2 vols. (1980); W. Kohl and G. Basevi (Eds.), *West Germany: A European and Global Power* (1980); G. Lehbruch, *Parteienwettbewerb in Bundesstaat* (1976); A. Markovits (Ed.), *The Political Economy of West Germany* (1982); A. Mintzel, *Die Volkspartei* (1983); W. Paterson and G. Smith (Eds.), *The West German Model* (1982); J. Raschke (Ed.), *Buerger und Parteien* (1982); M. Saeter, *The Federal Republic, Europe, and the World* (1980); G. Smith, *Democracy in Western Germany* (1986); K. Sontheimer, *Die verunsicherte Republik* (1979); D. Staritz (Ed.), *Das Parteiensystem der Bundesrepublik* (1980).

Examination Arrangements: One three-hour written examination in June.

Gv4110

The Politics and Government of Scandinavia

(Not available 1986-87)

See Gv3056

Gv4122

Administration and Government in New and Emergent States

(Not available 1986-87)

Teacher Responsible: Mr. P. F. Dawson, Room A207
Course Intended Primarily for M.Sc. in Public Administration and Public Policy.

Scope: 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 may be made

to Latin America and the Middle East these will not be the major areas of concern.

Context: 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 two compulsory 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) and Politics 8 (Politics and Government in Africa). All students are welcome to attend the lectures while graduate students with the permission of the teacher in charge, may attend the seminars.

Syllabus: The organization and behaviour of government and administration with primary reference to Africa, India, Pakistan and Malaysia. The influence of indigenous and colonial political and administrative systems; the effects of political change and the role of civil services and para-statal services as agents of change; the genesis and implementation of reform proposals; the role of civil services under single party, no-party and military governments. Methods and problems of planning and of decentralization (including local government and field administration). The role of public corporations, education and training, the values and attitudes of public officials, political and public perceptions and the task of government. The concept of corruption.

Pre-Requisites: None, but some previous knowledge of politics and government in developing countries may be advantageous.

Teaching Arrangements:

(i) Ten lectures (Gv230) will be given in the Lent Term by Mr. P. F. Dawson.

(ii) A weekly seminar (Gv231) will be run in the Summer Term by Mr. Dawson at which papers written by students are discussed. Other relevant lecture courses outside the field of public administration include So132 **Industrialization and Theories of Social Change**.

Written Work: Students participating in the seminar (Gv231) will be expected to produce at least two written essays on topics assigned to them. In addition interested students and especially those intending to be examined in the subject are urged to write other essays during their first two terms. Mr. Dawson will be happy to suggest topics and reading and will be prepared to read and discuss completed essays.

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:

R. Braibanti (Ed.), *Political and Administrative Development*, 1969; N. Caiden & A. Wildavsky, *Planning and Budgeting in Poor Countries*, 1974; M. S. Grindle (Ed.), *Politics and Policy Implementation in the Third World*, 1980; F. Heady & S. L. Stokes (Eds.), *Papers in Comparative Public Administration*; G. A. Heeger, *The Politics of Under-development*, 1974; R. A. Higgott, *Political Development Theory: the Contemporary Debate*, 1983; S. Huntington, *Political Order in Changing Societies*, 1968; G. Hyden, *Development Administration in Kenya*; J. La

Palombara (Ed.), *Bureaucracy and Political Development*, 1963; C. Leys, *Politics and Change in Developing Countries*, 1969; M. Lipton, *Why Poor People Stay Poor*, 1976; R. S. Milne & K. J. Ratnam, *New States in a New Nation*, 1974 (especially Chapters 6, 7, & 8); D. J. Murray (Ed.), *Studies in Nigerian Administration*; F. W. Riggs, *Administration in Developing Countries - the Theory of Prismatic Society*, 1964; *Frontiers of Development Administration*; I. Roxborough, *Theories of Underdevelopment*, 1979; I. Swerdlow, *The Public Administration of Economic Development*, 1975; H. Wriggins, *The Rulers Imperative: Strategies for Political Survival in Asia and Africa*, 1969.

Examination Arrangements: The examination in this subject, together with others for the M.Sc. in Public Administration, takes place in June. It comprises a single, three-hour, unseen, question paper of about 12 questions from which candidates are required to answer 3. 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.

Gv4130

The Regulation of the Economy by Government in the U.S.A.

(Not available 1986-87)

Teacher Responsible: Professor W. Letwin, Room L203

Course Intended Primarily for M.Sc. candidates in Politics and Economic History.

Scope: This course traces the evolution of current ideas - constitutional, legal, and economic - about the appropriate role of government in relation to the economy.

Pre-Requisites: An elementary familiarity with micro-economics.

Teaching Arrangements: 15 meetings; 10 Lent Term, 5 Summer Term. The meetings are seminar discussions (Gv232), during which one or more decisions of the Supreme Court (ranging from about 1870 to 1940) are analyzed in detail. Texts of these decisions are distributed to each member of the course.

Reading List: Charles L. Black Jr., *The People and the Court*; Edward S. Corwin, *Liberty Against Government*; Paul A. Freund, *The Supreme Court of the U.S.*; John A. Garraty (Ed.), *Quarrels That Have Shaped the Constitution*; Learned Hand, *The Bill of Rights*; Robert H. Jackson, *The Struggle for Judicial Supremacy*; Gabriel Kolko, *Railroads and Regulation, 1877-1916*; Philip B. Kurland (Ed.), *The Supreme Court and the Constitution* (See especially the article by McCloskey); W. L. Letwin, *Documentary History of American Economic Policy*; Arthur Selwyn Miller, *The Supreme Court and American Capitalism*; Arnold M. Paul, *Conservative Crisis and the Rule of Law*; C. Herman Pritchett, *The Roosevelt Court*; John R. Schmidhauser (Ed.), *Constitutional Law in the Political Process*; Bernard Schwartz, *The Reins of Power*.

Examination Arrangements: The examination, given in mid-June, consists of about twelve questions, of which the student is required to answer three of his choice.

Gv4140

Latin America Politics

Course Intended Primarily for M.A. and M.Sc. (Comparative Government) or other M.Sc. courses in the Government Department.

Scope: The course is concerned with Latin American politics from several different perspectives.

Syllabus: The main Latin American countries (Brazil, Argentina, Chile, Peru, Mexico and Cuba) are studied in detail. The course also examines the comparative political impact of organised labour, the military, multinational corporations and the United States government. It looks at general trends such as military coups, democratisation and revolutions.

Pre-Requisites: Only the normal qualifications required for acceptance on M.A./M.Sc. programme.

Teaching Arrangements: Fifteen seminars Gv238, two hours in length. Students may also attend 15 lectures given under Gv3057.

Written Work: For M.A., 3 essays for 'minors', 4 for 'majors'. For M.Sc., written work optional.

Reading List: The main sources include:

R. Potash, *The Army and Politics in Argentina*; A. Stepan, *The Military in Power; changing patterns in Brazil*; A. Stepan (Ed.), *Authoritarian Brazil*; C. Clapham and G. Philip (Eds.), *Political Dilemmas of Military Regimes*; G. Philip, "Military Authoritarianism in Latin America" *Political Studies* March 1984; G. Philip (Ed.), *Politics in Mexico*; J. Dominguez, *Cuba*; J. Linz and A. Stepan (Eds.), *The Breakdown of Democratic Regimes*; *Latin America*.

Examination Arrangements: The written examination takes place at the end of the Summer Term. Three questions must be answered out of a total of twelve. M.A. students must also write 3 or 4 essays.

Gv4160

Comparative Administrative Systems

Teacher Responsible: Professor G. W. Jones, Room L210 (Secretary, Miss Ann Boucher, K108)

Scope: The objective of the course is to provide an introduction to the structures, behaviour, and processes of public administration in a number of countries and to a range of theories about public administration and bureaucracy.

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.

Syllabus: 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, boards and local authorities. Administrative policy-making; delegation, and control; systems of devolution and decentralization. The social characteristics of civil servants, their recruitment, training and organization; types of civil servants and

relationships between them. Central departments; coordination of governmental activities; planning and budgeting; political direction and accountability; legislative-administrative relations; administrative discretion; administrative justice; administrative reform and re-organization. Theories of administration, bureaucracy, state and organisation: scientific management, classical organisation theory, human relations, systems theory, contingency theory, Marxist and Weberian theories, public choice, radical public administration, organisational pathologies, bureaucracy, democracy, ethics and social justice.

Teaching Arrangements:

Lectures: (i) Ten lectures will be given in the Michaelmas Term by **Professor G. W. Jones** on **British Government and Bureaucracy** (Gv156). (ii) Five lectures will be given in the Lent Term on **Administrative Organisation and Behaviour** (Gv154) by **Professor W. Plowden**. (iii) Ten lectures will be given in the Lent Term on **Administrative Theories** (Gv216) by **Mr. D. B. O'Leary**. (iv) Ten lectures will be given in the Michaelmas Term by **Professor J. B. Bourn** on **Policy and Administrative Skills in a Policy Setting** (Gv245).

Seminars: (i) Ten sessions will be given in the Michaelmas Term by **Professor G. W. Jones** on **Public Administration** (Gv222). This seminar will focus on comparative administrative structures and systems. (ii) The **Public Administration Seminar** (Gv222) in the Lent Term with **Mr. O'Leary**, will consist of ten sessions on **Administrative Theories**. (iii) Ten sessions will be given in the Lent Term by **Professor G. W. Jones** on **The British Civil Service** (Gv224). In this seminar civil servants will talk about their work.

Written Work: Students are expected to produce written 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. Students are expected to spend a great deal of time on private reading, thinking and writing. They will be guided by their supervisor.

Reading: Students receive extensive reading lists from the teachers, who will guide them about the most introductory, general, relevant and essential works.

Reading List: M. Albrow, *Bureaucracy* (Macmillan, 1970); F. Heady, *Public Administration: A Comparative Perspective* (Marcel Dekker, 3rd edn., 1984); B. G. Peters, *The Politics of Bureaucracy: A Comparative Perspective* (Longman, 2nd edn., 1984); J. W. Fesler, *Public Administration: Theory and Practice* (Prentice-Hall Inc., 1980); F. F. Ridley (Ed.), *Government and Administration in Western Europe* (Martin Robertson, 1979); J. Greenwood & D. Wilson, *Public Administration in Britain* (Allen & Unwin, 1984); G. K. Fry, *The Changing Civil Service* (Allen & Unwin, 1985); H. Seidman, *Politics, Position and Power: The Dynamics of Federal Organization* (Oxford University Press, 3rd edn., 1980); F. F. Ridley & J. Blondel, *Public Administration in France* (Routledge and Kegan Paul, 2nd edn., 1969); H. Hecló

& A. Wildavsky, *The Private Government of Public Money* (Macmillan, 2nd edn., 1981); J. Bourn, *Management in Central and Local Government* (Pitman, 1979); P. Self, *Administrative Theories and Politics* (Allen and Unwin, 2nd edn., 1977); *Political Theory of Modern Government* (1985); P. M. Jackson, *The Political Economy of Bureaucracy* (Philip Allan, 1982).

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 old examination papers (available in the Library) to familiarize themselves with the style of the examination paper and the nature of the questions.

Gv4161

Public Policy and Planning

Teacher Responsible: Mr. D. B. O'Leary, Room L105 (Secretary, Miss Ann Boucher, K108)

Scope: This course examines the public policy formulation process and the main component influences involved. It then goes on to explore the difficulties and potentialities for improving policy making via policy analysis.

Syllabus: Processes of public policy and implementation within the context of the character and functions of modern governments. Theories of the nature of the policy process in modern states, and of the roles of bureaucracies, professions, interest groups and private organizations in the formulation and implementation of public policies. Normative theories of policy-making and planning. Methods of policy analysis and evaluation including contributions from social sciences. Attention will be paid to particular policy arenas such as energy, transportation and housing, and to economic, environmental and other forms of governmental planning.

Pre-Requisites: The course is designed for post-graduate students, mainly as a compulsory paper for those reading for the degree M.Sc. Politics in Public Administration and Public Policy. Other M.Sc. students, research students and interested undergraduates may attend the lectures. The seminar requires permission for outside attenders, but those wishing to take the paper are welcome.

Teaching Arrangements: Core teaching for this paper is provided by the following required lectures and seminars:

Gv211 **Public Policy and Planning:** Lectures (**Professor Self** and **Professor Plowden**, Michaelmas Term)

Gv212 **Theories of the State and Policy Making:** Lectures (**Mr. D. B. O'Leary**, Lent Term)

Gv213 **Public Policy Formulation:** Seminar (**Mr. D. B. O'Leary**, Michaelmas Term)

Gv214 **Policy Analysis:** (**Professor Self** and **Professor Plowden**, Michaelmas and Lent Terms)

A variety of other optional or introductory courses provide useful additional inputs, including:

Gv171 **Public Policy: Political and Economic Aspects** Lectures (**Professor W. Letwin**, Not available 1986-87)

Gv215 **Data Analysis for Public Policy and Political Science:** Seminar (**Dr. P. Dunleavy**, Michaelmas and Lent Terms) (Not available 1986-87 - Students should attend SA163)

Gv159 **Urban Politics and Planning:** 10 Lectures (**Professor P. J. O. Self**, Michaelmas Term)

Reading List:

Public Policy Formulation: C. Lindblom, *The Policy Making Process*; C. Lindblom, *Politics and Markets*; B. Frey, *Modern Political Economy*; B. Barry, *Sociologists, Economists and Democracy*; J. O'Conner, *The Fiscal Crisis of the State*; G. T. Allison, *The Essence of Decision*; P. Self, *Administrative Theories and Politics*; H. Hecló & A. Wildavsky, *The Private Government of Public Money*.

Policy Analysis: W. N. Dunn, *Public Policy Analysis: An Introduction*; R. Havemann & J. Margolis (Eds.), *Public Expenditure and Policy Analysis*; C. Lindblom & D. Cohen, *Useable Knowledge*; R. Goodin, *Political Theory and Public Policy*; D. Heald, *Public Expenditure*; C. Hood, *The Tools of Government*.

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.

Gv4162

Comparative Local Government

Teacher Responsible: Professor G. W. Jones, Room L210 (Secretary, Miss Ann Boucher, K108)

Scope: 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 (ii) to discuss the causes and consequences of major cross-national variations in urban politics and policies.

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.

Syllabus: A study of the local government systems of a number of countries, both developed and underdeveloped. 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) Ten lectures will be given in the Michaelmas Term by **Professor G. W. Jones** on **Aspects of Comparative Local Government** (Gv157).

(ii) Ten lectures will be given in the Michaelmas Term by **Professor P. J. O. Self** on **Urban Politics and**

Planning (Gv159). (iii) Ten lectures will be given in the Lent Term by **Dr. Michael Hebbert** on **Urban and Regional Planning: Politics and Administration** (Gv217). The lecturers will distribute notes and bibliographies relevant to their lectures.

Seminars: (i) Ten sessions will be given in the Lent Term by **Professor G. W. Jones** on **Aspects of Comparative Local Government** (Gv158). (ii) Ten sessions will be given in the Michaelmas Term and Ten in the Lent Term by **Professor P. J. O. Self** and **Dr. M. Hebbert** on **Urban and Regional Planning: Politics and Administration** (Gv218).

Students may find useful the Geography Departments' lectures for Gy1919 **Urban Politics: A Geographical Perspective**.

Written Work: Students are expected to produce written essays on the issues assigned to them at the seminars. They may also submit essays to their supervisors, and **Professor Jones** will mark any essays from students on this course. Possible essay questions can be found on the list 'Topics to Ponder' available from **Professor Jones** and on recent past examination papers available from the Library. **Professor Jones** will also set questions on request from students.

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, France 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 List:

Comparative Local Government: B. C. Smith, *Decentralization*; S. Humes & E. M. Martin, *The Structure of Local Government*; M. Bowman and W. Hampton, *Local Democracies*; D. C. Rowat, *International Handbook on Local Government Reorganization*; A. H. Marshall, *Local Government Finance*; P. Mawhood, *Local Government in the Third World*; Committee On the Management of Local Government, Vol. IV, *Local Government Administration Abroad*; G. S. Blair, *American Local Government*; J. Lagroye & V. Wright, *Local Government in Britain and France*; J. Piekalkiewicz, *Communist Local Government*; W. A. Robson & D. E. Regan (Eds.), *Great Cities of the World*; A. H. Walsh, *The Urban Challenge to Government*; Layfield Committee on Local Government Finance, Appendix 5, *Report on Foreign Visits*; R. A. Dahl & E. R. Tufté, *Size and Democracy*; J. W. Fesler, *Area and Administration*; A. Maass, *Area and Power*; L. J. Sharpe (Ed.), *Decentralist Trends in Western Democracies*; Y. Mény & V. Wright (Eds.), *Centre - Periphery Relations in Western Europe*; S. Tarrow et al., *Territorial Politics in Industrial Nations*.

Urban Politics: M. Castells, *City, Class and Power*; P. Dunleavy, *Urban Political Analysis*; J. Nelson, *Access to Power: Politics and the Urban Poor in Developing Nations*; J. O'Connor, *The Fiscal Crisis of the State*; N. Polsby, *Community Power and Political Theory*; P. Saunders, *Urban Politics*; J. Simmie, *Citizens in Conflict*; R. C. Fried & F. F. Rabinowitz, *Comparative Urban Politics*.

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.

Gv4163

Comparative Public Enterprise

Co-Ordinating Staff Member – Visiting Professor: Professor H. W. Parris, Room K310 (Secretary, Miss Ann Boucher, K108)

Courses Intended Primarily for: M.Sc. Public Administration and Public Policy

Scope: (1) General

to contribute to the study of public administration and public policy by the examination of problems arising in a sector, namely public enterprise, situated on the border between government and business.

(2) Particular

(i) to identify the problems, political and administrative, inherent in public enterprise;

(ii) taking account of practice and thinking in different countries, to examine ways in which the problems of public enterprise are or might be, handled;

(iii) to work towards a general theory of public enterprise.

Syllabus: The scope and functions of public enterprise in mixed economies. The principal forms of organisation of public enterprise notably the public corporation. The relations of public enterprises with the legislature, government, the courts, consumers, and other special interests. Why the control and accountability of public enterprises presents problems. The measurement of efficiency. Responses to these problems – corporate planning, performance criteria, efficiency and effectiveness auditing, institutional arrangements, privatisation.

The experience of planned economies.

Pre-Requisites and Co-Requisites: The course is designed for post-graduate 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 postgraduates and interested undergraduates may attend lectures and, with the permission of the teacher in charge, any seminars.

Teaching Arrangements:

Lectures (Gv220): Ten Lectures (two in the Michaelmas Term and eight in the Lent Term) will be given by Professor H. W. Parris on **Comparative Public Enterprise**.

Seminars (Gv221): There will be ten seminars in the Lent Term on **Problems of Public Enterprise**.

Concept of the Course and Written Work: Because the course is short, the lectures focus on general principles and problems, with illustrations from international experience. Consequently, there is no detailed presentation of the organisation, history, performance, and problems of individual public enterprises, whether in Britain or overseas, and no detailed presentation of the public enterprise sector in any particular country. Students, however, are expected to make themselves capable of illustrating principles and problems of public enterprise by referring to the organisation or experience of individual public enterprises in at least two different countries – for example, Britain and the student's home country. To do this, they will be invited to produce summary compilations of the essential data about at least three pairs of public enterprises selected by themselves which will illustrate different organisational forms and national circumstances. Guidance will be given in making the selection and tutorials will be arranged on the compilations.

The seminars focus on problems pointed to in the lectures. The aim of each seminar is to illustrate a problem in some depth by reference to a particular enterprise, or practice, or institution, generally, but not invariably, using British enterprises and the experience in the home country of the student presenting the seminar (provided the necessary information is available).

In addition to the summary compilation and seminar presentation, students will be expected to submit two essays each on topics that will be specified.

Documentation: An outline of the lectures and a reading list will be issued to each student who selects **Comparative Public Enterprise** as his or her optional subject. The core of the reading list appears below.

Reading List: *Annals of Public and Co-operative Economy*, Vol. 56, No. 3, (September 1985); special number on European Public Enterprises; Centre Européen de l'Entreprise Publique, *Public Enterprise in the European Community* (Brussels, 1986); A. G. Delion & M. Durupt, *Les Nationalisations, 1982* (Paris: Economica, 1982); Department of Industry, *State Business: public enterprise experience in the EEC* (Stockholm: Department of Industry, 1978); R. H. Floyd, C. S. Gray & R. P. Short, *Public Enterprise in Mixed Economies* (Washington DC: International Monetary Fund, 1984); W. Keyser & R. Windle, *Public Enterprise in the European Community 7* vol (Alphen an den Rijn: Sijthoff & Noordhoff, 1977); R. Mazzolini, *Government Controlled Enterprises: international strategic and policy decisions* (Chichester, 1979); National Economic Development Office, *A Study of UK Nationalised Industries: Background Paper No. 2: Relationships of Government and Public Enterprises in France, West Germany and Sweden*, (1976); H. W. Parris, *Public Enterprise in Western Europe*, (1986); V. V. Ramanadham, *The Nature of Public Enterprise* (Croom Helm, 1985); W. A. Robson, *Nationalised Industries and Public Ownership* (Allen & Unwin, 1962).

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 old examination papers (available in the Library) to familiarise themselves with the style of the examination paper and the nature of the questions.

Gv4164

Administration in Regional and Urban Planning

Teacher Responsible: Dr. Michael Hebbert, Room S412 (Secretary, Mrs. J. Jennings, S406)

Course Intended Primarily for: M.Sc. in Region and Urban Planning, and M.Sc. Politics 6.

Scope: 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.

Syllabus: The place of urban regional planning within the policy and government processes of modern states. Planning within the structure, powers, and politics of local and regional governmental systems. Regional and urban planning in developed and developing countries, and in Federal and unitary states. The nature of urban and regional planning, and the connexions between central and local government, and between economic and physical planning. The distinctive issues of planning in big cities and urban regions, and in poor or developing regions. The organization and politics of planning, and the role of planning professions. Pluralist, neo-Marxist, and other theories of urban and regional planning.

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:

Gv218 **Urban and Regional Planning: Politics and Administration**, Seminar (Professor Self and Dr. Hebbert, Michaelmas and Lent Terms)

Gv211 **Public Policy and Planning:** Lecture (Professor Self and Professor Plowden, Michaelmas Term)

Gv212 **Theories of State and Policy-Making** (Mr. D. B. O'Leary, Lent Term)

Gv159 **Urban Politics and Planning:** 10 lectures (Professor P. J. O. Self, Michaelmas Term)

Gv217 **Urban and Regional Planning: Politics and Administration** (Dr. Hebbert, Lent Term)

A number of other courses provide very valuable supplementary coverage according to area of interest including:

Gv157 **Aspects of Comparative Local Government:** Lecture (Professor Jones, Michaelmas Term)

Gv158 **Aspects of Comparative Local Government:** Seminar (Professor Jones, Lent Term)

Gv417 **Social Theory and Urban and Regional Questions:** Seminar (Dr. Duncan and others, Michaelmas and Lent Terms)

Reading List:

Urban Policy Making: P. Dunleavy, *Urban Political Analysis*; P. J. O. Self, *Planning the Urban Region*; Open University, Course D202, *Urban Change and Conflict*, Blocks 4, 5, 6; H. Stretton, *Urban Planning in Rich and Poor Countries*; G. Kirk, *Planning in a Capitalist Society*.

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.

Gv4165

Public Policy in Italy and France

Teachers Responsible: Mr. T. Clegg, Room K301 and Dr. H. Machin, Room L204 (Secretary, L207)

Course Intended Primarily for: postgraduate students, mainly for those reading for the degree M.Sc. Politics (5), **Comparative Government**, M.Sc. Politics (7), **The Politics and Government of Western Europe**, M.Sc. Politics (6), **Public Administration and Public Policy**, and M.Sc. **European Studies**. Other postgraduates may also be authorised to participate in the seminars.

Scope: The aim of this course is to provide an introductory comparative analysis of the structures and processes of public policy-making and implementation in France and Italy. It includes case studies of specific policy areas at both national and local government levels and a critical survey of some of the main models of analysis.

Pre-Requisites: None.

Syllabus: International and European constraints on national public policy decisions. The experience of state development in France and Italy. Economic resources and constraints. Associations and policy processes. Interest, moral value, and professional representation. National political processes, law-making and rule-making. Regional and local government processes. Administrative structures and men. Banking and financial policy. Nationalised industry and its management. Agriculture, industrial location and regional imbalances. Two comparative case studies from the following: Education, Foreign Trade and Monetary Policy, Transport, Defence, Energy, Research and Technology. Legal and financial controls on policy. Technocratic and bureaucratic power, clientelism and corporatism.

Pre-Requisites: None.

Teaching Arrangements: Seminars: Gv242, 23 weekly Michaelmas, Lent and Summer Terms. Optional lectures for students with little knowledge of French or

Italian Politics: (Gv241 (Italy), 7 weekly, Michaelmas Term. Gv163 (France), 23 weekly, Michaelmas, Lent and Summer Terms. Optional seminars also recommended: Gv226, optional lectures; Gv211, Gv212.

Reading List: P. A. Allum, *Italy: Republic without Government?* (1973); W. G. Andrews & S. Hoffman, (Eds.), *The Fifth Republic at Twenty* (1981); S. Berger & M. Piore, *Dualism and Discontinuity in Industrial Societies* (1980); S. Berger (Ed.), *Organising Interests in Western Europe* (1981); S. Cassese, *Il sistema amministrativo italiano* (1983); P. G. Cerny & M. Schain, *Socialism, the State and Public Policy in France* (1985); M. Dogan (Ed.), *The Mandarins of Western Europe* (1975); K. Dyson, *The State*

Tradition in Western Europe (1980); J. Hayward, *Governing France: the One and Indivisible Republic* (1983); P. Lange & S. Tarrow (Eds.), *Italy, in Transition: Conflict and Consensus* (1979); H. Machin & V. Wright (Eds.), *Economic Policy and Policy-Making under the Mitterrand Presidency 1981-1984* (1985); F. F. Ridley (Ed.), *Government and Administration in Western Europe* (1979); R. Scase (Ed.), *The State in Western Europe* (1981); E. N. Suleiman & R. Rose (Eds.), *Presidents and Prime Ministers* (1981); V. Wright, *The Government and Politics of France* (1983); V. Wright (Ed.), *Continuity and Change in France* (1984).

Examination Arrangements: One 3-hour written paper in June: 3 questions.

INDUSTRIAL RELATIONS

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Id100	Industrial Relations: Theory and Comparative Systems Dr. D. W. Marsden, Professor K. E. Thurley, Dr. S. J. Wood and Dr. K. N. G. Bradley	25/MLS	Id4201
Id101	Industrial Relations Theory Dr. J. Kelly, Dr. D. W. Marsden, Dr. S. J. Wood and Dr. K. N. G. Bradley	12/ML	Id101
Id102	Industrial Relations and Personnel Management: Institutions and Processes Professor K. E. Thurley, Dr. J. Kelly, Professor D. Metcalf, Dr. S. J. Wood and Mr. S. Dunn	30/ML	Id4200
Id104	Industrial Relations Dr. R. Richardson	24/MLS	Id3220; Id4203
Id105	Selected Topics in Industrial Relations Class Dr. K. N. G. Bradley and Mr. S. Dunn	24/MLS	Id3320
Id106	Industrial Sociology Dr. K. N. G. Bradley and Dr. S. R. Hill	23/MLS	Id4202; Id4221
Id107	Industrial Organisation: Theory and Behaviour I Dr. S. Wood	25/MLS	Id3221; Id4203
Id108	Industrial Organisation: Theory and Behaviour II Professor K. E. Thurley	50/MLS	Id4202
Id109	Macro-Economic Policy Making in the UK Dr. R. Richardson	10/M	Id109; Ec1420
Id110	Sociology of Industrial Relations — Seminar Dr. S. Wood	25/MLS	Id110
Id111	Labour Market Analysis Professor D. Metcalf	25/MLS	Id3222; Id4224
Id112	Manpower Policy Dr. D. E. Guest, Dr. D. W. Marsden and Dr. R. Richardson	25/MLS	Id3222; Id4223; Id4224
Id114	Industrial Psychology Dr. D. E. Guest and Dr. J. Kelly	24/MLS	Id4202; Id4203; Id4220
Id115	Labour Law — Seminar Mr. R. C. Simpson	25/MLS	Id115

Lecture/ Seminar Number			Study Guide Number
Id117	Trade Union Problems — Seminar Dr. J. Kelly	25/MLS	Id117
Id118	Labour History — Seminar Professor B. C. Roberts	10/L	Id4222
Id119	Industrial Relations Research Problems — Seminar Dr. K. N. G. Bradley	25/MLS	Id119
Id120	Research Methods in Industrial Relations — Seminar Dr. S. J. Wood	5/L	Id120
Id150	Industrial Relations — Class for Trade Union Studies course Mr. S. Dunn	20/ML	Id150
Id151	Macro-Economic Policy Making in the U.K. — Class	25/MLS	Id151
Id152	British Labour History — Class for Trade Union Studies Course Mr. H. Harmer	20/ML	Id152
Id153	Links Seminar Professor K. E. Thurley	15/ML	Id153

Study Guides**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 the Trade Union Studies course.

Syllabus: An introduction to macro economic theory and policy, with particular reference to recent UK experience; there will be a special emphasis on the labour market aspect of macro economic behaviour.

Teaching Arrangements: Lectures (Id109), Michaelmas Term.

Reading List: C. Pratten, *Applied Macro-economics*; W. Keegan, *Mrs. Thatcher's Economic Experiment*; M. Stewart, *Politics and Economic Policy in the UK Since 1964*.

Examination Arrangements: None.

Id119**Industrial Relations Research Forum (Seminar)**

Teacher Responsible: Dr. K. Bradley, Room H803
Course Intended Primarily for research students in Industrial Relations.

Teaching Arrangements: Seminars: (Id119), Sessional.

Examination Arrangements: None.

Id3220**Industrial Relations**

Teacher Responsible: Dr. R. Richardson, Room H711
Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Diploma students.

Scope: The course aims to help students analyse the complex relationships between workers, trade unions, management and the State in advanced industrial societies. Although the course will focus on the British situation, reference may also be made to experience in other countries.

Syllabus: The reasons for, and the forms of, workers' collective response to managerial decisions. The goals and methods of unions; patterns of industrial conflict and their explanation; the impact of unions on pay, productivity and the means of control.

State activity and the reform of industrial relations machinery.

Pre-Requisites: A self-contained introductory course requiring no previous knowledge or experience; social, economic and political analysis on complementary courses will prove useful. Some B.Sc. (Econ.) students will go on to specialise in Industrial Relations; Diploma and General Course students will take the course as a single option.

Teaching Arrangements: The course comprises 25 weekly lectures (Id104) given by Dr. R. Richardson and Mr. S. Dunn, Sessional. Associated weekly classes will be timetabled for different groups of students (e.g. undergraduates; General Course; Diploma students) commencing in the second week of the first term. All students are expected to join in open class discussion and to submit two pieces of written work per term for their class teachers.

Reading List: The lecture course does not follow a single prescribed text. Class teachers will suggest appropriate readings but useful introductory books include: W. E. J. McCarthy, *Trade Unions* (2nd edn.); C. Crouch, *The Politics of Industrial Relations*; A. Flanders, *Management and Unions*.

Examination Arrangements: Assessment is based on student performance in a three hour unseen examination in the Summer Term. Students will be required to answer four out of twelve questions which will be related to material covered in lectures and classes.

Id3221**Id4203****Organisation Theory and Practice**

Teacher Responsible: Dr. S. Wood, Room H802

Scope:

(a) To introduce all students to social science theory and research into organisational problems.

(b) To discuss alternative approaches and proposed solutions to such problems.

(c) To facilitate critical evaluation of organisational policies and prescriptions through the examination of cases of attempted changes of organisation structure and behaviour.

Pre-Requisites: No prior knowledge of organisation theory or practical experience is necessary.

Course Intended Primarily for students of B.Sc. Management Sciences, Diploma in Management Sciences, Diploma in Business Studies, B.Sc. Econ. in Industrial Relations, M.Sc. Accounting and Finance, M.Sc. Analysis, Design and Management of Information Systems.

Syllabus: Organisation problems: work motivation; individual job competence and group performance; organisational effectiveness and decision-making; management authority; management control systems; management/worker conflict; intra-organisational conflict; resistance to change; external constraints.

Approaches to planning change: Changing organisations; scientific management; human relations; self-actualisation; socio-technical organisation re-design; contingency theory; industrial relations reform; industrial democracy; Theory and Japanese management; training and organisational development. Change strategies and the evaluation and assessment of organisational policies.

Teaching Arrangements: In the first two terms the students attend one lecture course (Id107) and one seminar. In the summer term they attend a two hour session which will be case study based with outside speakers. All M.Sc. students are expected to also attend either **Industrial Relations** (Id104) or **Industrial Psychology** (Id114).

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* (3rd edn.); G. Burrell & G. Morgan, *Sociological Paradigms and Organisational Analysis*; J. Child, *Organisations*; D. Guest & D. Fatchett, *Worker Participation: Individual Control and Performance*; C. Handy, *Understanding Organizations*; C. Perrow, *Complex Organizations* (2nd edn.); M. Rose, *Industrial Behaviour*; G. Salaman, *Work Organization*; C. Sofer, *Organizations In Theory and Practice*; K. Thurley & H. Wirdenius, *Supervision: A re-appraisal*; V. Vroom & E. Deci, *Management and Motivation*; T. J. Watson, *Sociology, Work and Industry*.

Written Work: In the first two terms each student will prepare two seminar papers.

Examination Arrangements: One three-hour examination paper with approximately twelve questions, four questions to be answered by Undergraduates and Diploma students; three questions by M.Sc. students.

Id3222

Economics of the Labour Market

Teacher Responsible: Professor D. Metcalf, Room H707

Scope: The course emphasises those aspects of labour economics which are most relevant for students of Industrial Relations.

Syllabus: The first part of the course deals (approximately 6 lectures) with Employment. The topics discussed include: unemployment, labour market flexibility, jobs and pay, subsidies and worksharing. The second part (approximately 6 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 12 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: The lectures assume some modest undergraduate training in economics and statistics, but students without such background can make up the deficiency during the course.

Teaching Arrangements: There will be 25 lectures and 25 classes. The lectures will be the same as those for the course **Labour Market Analysis** (Id111) but there will be separate classes for undergraduates.

Reading List: R. Layard, *How to Beat Unemployment*, Oxford University Press, 1986; G. Bain (Ed.),

Industrial Relations in Britain, Blackwells, 1983; 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, 4 questions to be answered from approximately 10 questions.

Id3320

Selected Topics in Industrial Relations

Teacher Responsible: Dr. K. Bradley, Room H803 and Mr. S. Dunn, Room H709

Course Intended Primarily for B.Sc. (Industrial Relations). B.Sc. (Econ.) 3rd year.

Scope: The aim of this course is to explore in depth some central problems and issues in contemporary industrial relations.

Syllabus: The selection of topics changes from year to year, depending on current research and issues. Broadly, the course examines the relationship between management, trade unions and the state in a rapidly changing economic and technological environment. This includes adding a comparative dimension to the largely British-based Id3220.

Pre-Requisites: A general knowledge of the social sciences including modern history. A general interest in and knowledge of institutions and processes in the contemporary British industrial relations system, through study or experience.

Teaching Arrangements: Twelve two hour seminars (Id105). Students will be expected to read assigned texts and be prepared to discuss their significance. Each student will be expected to complete two essays over the session.

Reading List: R. Undy *et al*, *Change in Trade Unions*; G. Bain (Ed.), *Industrial Relations in Britain*; J. Zeitlin (Ed.), *Shop Floor Industrial Relations and the State*; K. Bradley & A. Gelb, *Worker Capitalism: The New Industrial Relations*; P. Fosh & C. Littler, *Industrial Relations and the Law in the 1980s*; E. Batstone, *Working Order*; P. Edwards & H. Scullion, *The Social Organisation of Industrial Conflict*; B. C. Roberts (Ed.), *Towards Industrial Democracy*; *British Journal of Industrial Relations*; *Employment Gazette*; *Industrial Relations Journal*.

Examination Arrangements: Assessment will be on the basis of a three hour unseen examination and written work presented during the course.

Id4200

Industrial Relations and Personnel Management: Institutions and Processes

Teachers Responsible: Professor K. E. Thurley, Room H804, Dr. J. Kelly, Room H712, Professor D. Metcalf, Room H707, Mr. S. Dunn, Room H709, Dr. S. Wood, Room H802

Course Intended Primarily for M.Sc. students.

Scope: 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, establishment and work-place levels.

Syllabus: The first part will cover the main features of the British industrial relations system – principles, structure, functions and processes of the enterprise and the unions: business and union strategies; workplace industrial relations; payment systems; collective bargaining; conflict resolution; industrial democracy; the state and industrial relations; the development of labour law. There is a choice in the second part between specialisation in the analysis of industrial relations issues and study of enterprise and establishment level policies and practices.

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 seminars of one and a half hours in the Michaelmas Term. Two separate courses of lectures and classes will be given in the Lent and Summer Terms for each specialisation. Attendance at the **Labour and Management Problems Seminar** is also required. Students will be expected to complete one essay and one seminar paper in each of the Michaelmas and Lent Terms, and one seminar paper in the Summer Term. **Reading List:** A. Flanders, *Management and Unions*; J. G. Riddall, *The Law of Industrial Relations*; T. Kochan, *Industrial Relations & Collective Bargaining*; B. Barrett *et al*, *Industrial Relations and the Wider Society*; T. Lupton & A. Bowey, *Wages and Salaries*; J. T. Dunlop, *Industrial Relations Systems*; R. Taylor, *Workers and the New Depression*; W. W. Daniel & N. Millward, *Workplace Industrial Relations in Britain*; C. Crouch, *The Politics of Industrial Relations*; C. Crouch, *Trade Unions: The Logic of Collective Action*; D. Parnham & J. Pimlott, *Understanding Industrial Relations* (2nd edn.); G. Bain (Ed.), *Industrial Relations in Britain*.

Examination Arrangements: One three-hour paper taken in June. Essay.

Id4201

Industrial Relations: Theory and Comparative Systems

Teacher Responsible: Dr. D. Marsden, Room H801

Course Intended Primarily for M.Sc. Students. **Scope:** The aim of the course is to provide an introduction to the industrial relations system of a small number of advanced industrial countries, including the UK, USA, USSR, Japan, West Germany and France. This is intended to provide the basis for a comparative analysis of industrial relations problems and processes, which is begun in the lectures on comparative systems, and taken into greater depth in the theory course.

Syllabus: The comparative element covers the development and organisation of industrial relations at

the industry and plant level in the USA, the USSR, Japan, Sweden, West Germany, France and Italy, and the role of the International Labour Organisation. The course deals with analysis of industrial relations systems, the development of management and trade union and government policies in industrial relations, the theory of collective bargaining and related issues in employment relations.

Pre-Requisites: The course is a core course on the M.Sc. in Industrial Relations, and as such all M.Sc. students are advised strongly to take it. It is also open to Research Fee students, and where appropriate, other M.Sc. students. No previous knowledge of any particular country is required.

Teaching Arrangements: The students will attend lectures (Id100) and seminars (Id100a) in the first term in the preparatory part of the course, and the second and third terms will combine theoretical and comparative analysis. The session will be organised around several themes: trade unionism, management strategy, the state, industrial conflict, collective bargaining and industrial conflict, collective bargaining and industrial democracy. Students will work in groups (Id100b) divided according to particular regions of the world. During the year students with little knowledge of British industrial relations are advised to attend the lectures in **Industrial Relations** (Id104), and those with greater knowledge should attend the lectures for **Institutions and Processes** (Id101). All students are expected to attend **Industrial Relations Theory** (Id101).

Written Work: Students may be required to present one essay of up to 2,000 words by the end of each term. In addition, students will be expected to prepare at least one seminar paper during each term.

Reading List: A full reading list is provided at the beginning of the course, but you might consider obtaining one of the following books which will be useful for a large part of the course. H. A. Clegg, *Trade Unionism under Collective Bargaining*; B. C. Roberts, *Towards Industrial Democracy*; P. B. Doeringer *et al*, *Industrial Relations in International Perspective*; I. Kochan, *Industrial Relations and Collective Bargaining*; J. T. Dunlop, *Industrial Relations Systems*; A. Fox, *Beyond Contract*; G. Bain (Ed.), *British Industrial Relations*; C. Crouch, *Trade Unions: The Logic of Collective Action*; P. Lange *et al*., *Unions, Change and Crisis: French and Italian Union Strategy and the Political Economy*; P. Gourevitch *et al*., *Unions and Economic Crisis: Britain, West Germany and Sweden*.

Id4202

Industrial Organization: Theory and Behaviour

Teacher Responsible: Professor K. Thurley, Room H804

Course Intended Primarily for Students taking the M.Sc. in Industrial Relations and Personnel Management.

Scope: 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.

Syllabus: Major approaches to organizational change: scientific management; human relations; socio-technical and self-actualisation approaches to the redesign of work; organization development; contingency theory; industrial relations; worker participation; legislation.

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.

Pre-Requisites: A background in the social sciences is necessary. Previous work experience is a considerable advantage.

Teaching Arrangements: The course lasts for 25 weeks. The teaching is highly participative and includes lectures (Id106, Id108, Id114) and classes (mainly in the first term), group working (throughout the year), and case studies (in the Lent and Summer Terms). Formal teaching occurs on Fridays 12.00–1.00 and 2.00–3.30. In practice, these hours will sometimes be extended and students are advised to allocate the time from 12.00–4.00 to the course. Working groups may also wish to meet at other times during the week. Students are also expected to attend lectures on: **Industrial Sociology** (Id106) (teacher responsible, Dr. S. Hill); **Industrial Psychology** (Id114) (teacher responsible, Dr. J. Kelly). The teaching is handled mainly by David Guest and Keith Thurley. There are also contributions from Stephen Wood. A range of visitors from outside LSE will present cases.

Written Work: There is no formal requirement for written work. However students taking this course are strongly encouraged to write at least one of the essays, which form part of their continuous assessment, in this area. 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 Organizations*; T. J. Peters & R. H. Waterman, *In Search of Excellence*; M. Rose, *Industrial Behaviour*; G. Salaman, *Work Organization*; C. Sofer, *Organizations in Theory and Practice*; K. Thurley & H. Wirdenius, *Supervision: A re-appraisal*; V. Vroom & E. Deci, *Management and Motivation*; T. J. Watson, *Sociology, Work and Industry*; H. Mintzberg, *The Nature of Managerial Work*.

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

Industrial Organisation

See **Organisation Theory and Practice** Id3221

Id4220

Industrial Psychology

Teacher Responsible: Dr. J. Kelly, Room H712

Aims and Scope: The aims of the course are to provide a psychological framework for the analysis and understanding of the behaviour of individuals as workers and as members of work groups; to demonstrate the value of psychology and of a psychological perspective in understanding human behaviour at work; and to examine a number of topics and issues in industrial relations and organizational behaviour where psychology has a particular contribution to make.

Syllabus: Motivation at work; job satisfaction, pay, incentives and rewards; work values, power and the need for achievement. Stress, boredom and monotony at work; absenteeism and labour turnover; the psychology of unemployment.

Psychology and industrial relations; trade union roles and involvement; bargaining; industrial conflict; conflict resolution. Quality of working life, working conditions and arrangements, work and non-work; job design; participation, leadership and group behaviour; organization development and change; organizational change; concepts of health and well-being.

Pre-Requisites: The course is designed for students on the M.Sc. in Industrial Relations and Personnel Management. Some students on the M.Sc. in Social Psychology, subject to the permission of their tutor, may also take the course. Some background in psychology is desirable. Students without such a background may take the course, but may find certain sections difficult.

Teaching Arrangements: The course is taught by David Guest and John Kelly.

Lectures: 24 lectures (Id114) – 9 in the Michaelmas, 10 in the Lent and 5 in the Summer Term.

Classes: 24 classes.

Students are expected to prepare and present papers as a basis for class discussion. Other members of the class will be expected to do some specified preparatory reading each week.

Written Work: There is no formal requirement for written work in connection with the course. However students are strongly encouraged to write at least one of the four essays that constitute part of the continuous assessment on the M.Sc. on a subject in the field of Industrial Psychology. These essays are set and marked by David Guest and John Kelly.

Reading List: The following reading list contains some of the main volumes and some easily accessible introductory volumes. A full reading list will be issued at the start of the course.

C. Cooper & R. Payne, *Stress At Work*, Wiley, (1978); L. Davis & A. Cherns, *The Quality of Working Life*,

Vol. 1, Free Press (1976); L. Davis & J. C. Taylor, *Design of Jobs*, Penguin, (1972); M. Gruneberg & T. Wall, *Social Psychology and Organizational Behaviour*, Wiley, (1984); M. Jahoda, *Employment and Unemployment: A Social-Psychological Analysis*, CUP, (1982); J. R. Hackman & G. R. Oldham, *Work Redesign*, Addison-Wesley, (1980); D. Katz & R. L. Kahn, *The Social Psychology of Organizations*, Wiley, (1978); I. Morley & G. Stephenson, *The Social Psychology of Bargaining*, George Allen & Unwin, (1977); P. B. Smith, *Groups Within Organizations*, Harper & Row, (1973); G. Stephenson & C. J. Brotherton, *Industrial Relations A Social-Psychological Approach*, Wiley, (1979); R. M. Steers & L. W. Porter, *Motivation and Work Behaviour*, McGraw-Hill, (1984); V. Vroom & E. Deci, *Management and Motivation*, Penguin, (1970); P. B. Warr, *Psychology at Work*, Penguin (1978).

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Candidates should answer three questions out of a choice of twelve. The pass mark is 40%.

Id4221

Industrial Sociology

Teacher Responsible: Dr. S. R. Hill, Room A454A (Secretary, Ms. E. Hartwell, A453, Ext. 454)

Course Intended Primarily for graduate students in the departments of Industrial Relations and Sociology.

Scope: Coverage of recent industrial sociology at an advanced level, with an emphasis on the labour process and issues of political economy, linking with contemporary debates in Sociology and Industrial Relations.

Syllabus: Competing interests at work. The development of the managerial function. Managerial structure and goals. Bureaucracy and organizational theory. The Japanese corporation. Self-management. Industrial democracy. Work behaviour and job satisfaction. The deskilling debate. Labour market segmentation. Women in employment. The institutionalization of industrial conflict. Trade union representativeness and effectiveness. The structure of the working and middle classes. Ideology and consciousness. The collective organization of non-manual employees. The state, political parties and the economy.

Pre-Requisites: Students should have a degree in Sociology or a joint degree with a sizeable component of Sociology; other students will be admitted at the discretion of the teaching staff.

Teaching Arrangements: There will be 20 lectures (Id106) given by Dr. S. R. Hill of the Sociology Department and Dr. K. Bradley of Industrial Relations, and 23 seminars supervised by the same teachers. The lectures are intended broadly to survey 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: The recommended textbook is S. Hill, *Competition and Control at Work*. Other books of a general nature that cover substantial parts of the syllabus are:

H. Braverman, *Labor and Monopoly Capital*; C. Crouch, *Trade Unions: The Logic of Collective Action*; R. Edwards, *Contested Terrain*; A. Giddens & G. Mackenzie (Eds.), *Social Class and the Division of Labour*; D. M. Gordon *et al*, *Segmented Work, Divided Workers*; S. Wood (Ed.), *The Degradation of Work?*

The major additional references for individual topics on the syllabus, arranged chronologically by topic are:

A. Fox, *Beyond Contract*, Chaps. 6 and 7; C. Littler, *The Development of the Labour Process*, J. Scott, *Corporations, Classes and Capitalism*, Chaps. 2–4; M. Crozier, *The Bureaucratic Phenomenon*, Part 3; R. Dore, *British Factory – Japanese Factory*; K. Bradley & A. Gelb, *Worker Capitalism: The New Industrial Relations*; J. Thornley, *Workers' Co-operatives*; M. Poole, *Workers' Participation in Industry*; J. Goldthorpe *et al*, *The Affluent Worker*, Vol. 1; A. Zimbalist, *Case Studies on the Labor Process*; I. Berg (Ed.), *Sociological Perspectives on Labor Markets*, Chaps. 4 and 5; A. Amsden (Ed.), *The Economics of Women and Work*; J. West (Ed.), *Work, Women and the Labour Market*; W. Korpi & M. Shalev, 'Strikes, industrial relations and class conflict', *British Journal of Sociology*, 1979; A. Carew, *Democracy and Government in European Trade Unions*, Chaps. 8 and 9; A. Giddens, *The Class Structure of the Advanced Societies*; N. Abercrombie *et al*, *The Dominant Ideology Thesis*; G. Bain, *The Growth of White-Collar Unionism*; F. Parkin, *Marxism and Class Theory*, Part 2.

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.

Id4222

Labour History

See **British Labour History** EH2700

Id4223

Manpower Policy

Teacher Responsible: Dr. R. Richardson, Room H711
Course Intended Primarily for M.Sc. Industrial Relations and Personnel Management.

Scope: The course considers the policies that organisations adopt in order to deal with a range of manpower problems.

Syllabus: The policies and institutional arrangements that are a reaction to the problems posed by such factors as labour turnover, absenteeism, lack of information, an uncertain future and employee heterogeneity. Internal labour markets and labour market segmentation: The reasons for and consequences of labour market structures internal to

organisations, and the analysis of labour markets divided into non-competing groups.

Teaching Arrangements: There are 25 lectures (Id112) given by Dr. David Guest, Dr. David Marsden and Dr. Ray Richardson.

Reading List: There is no text book covering the range of material presented. However students might like to read P. Doeringer and M. Piore, *Internal Labour Markets and Manpower Analysis*.

Examination Arrangements: Assessment in the paper is determined by performance in a three hour exam in which the candidate is expected to answer three from approximately nine questions.

Id4224

Labour Market Analysis

Teacher Responsible: Professor David Metcalf, Room H707

Course Intended Primarily for M.Sc. Industrial Relations and Personnel Management.

Scope: The course emphasises those aspects of labour economics which are most relevant for industrial relations.

Syllabus: The first part of the course deals (approximately 6 lectures) with employment. The topics discussed include: unemployment, labour market flexibility, jobs and pay, subsidies and worksharing. The second part (approximately 6 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 12 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 3 pieces of short written work.

Reading List: R. Layard, *How to Beat Unemployment*, Oxford University Press, 1986; G. Bain (Ed.), *Industrial Relations in Britain*, Blackwells, 1983; 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.

Id4399

M.Sc. Project Report

Teacher Responsible: Dr. S. Wood, Room H802

Course Intended Primarily for M.Sc. in Industrial Relations and Personnel Management

Scope: The general aims of the project are to:

(i) examine a problem or topic through the literature 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. Students taking the 'professional' stream will be expected to undertake projects involving empirical work in organizations. Teams of students may work on a particular project, but each student must identify a section of the work and present it as their individual dissertation.

Arrangements for Supervision: Students will be allocated to the specialist teacher whose interest 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 in March. The role of the supervisor is to provide guidance in refining, focusing and ensuring the feasibility of the dissertation. Students are entitled to a minimum of two sessions with their supervisor during the key period in the first two weeks of July. The supervisor may comment on a detailed outline of the report, but will not normally be expected to read a full draft.

Examination Arrangements: Two typewritten copies of the dissertation should be handed in to the course secretary, and recorded as received, by the end of August. 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.

INTERNATIONAL HISTORY

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Hy100	The History of European Ideas since 1700 Dr. R. W. D. Boyce and Dr. D. Starkey	25/MLS	Hy3406
Hy101	Political History, 1789-1941 Dr. D. McKay and Dr. A. Sked	25/MLS	Hy3400; Hy3462; Hy3465
Hy102	World History since 1890 Mr. G. Grün	25/MLS	Hy3403
Hy110	Introduction to British History	3/M	Hy3420; Hy3426; Hy3435
Hy111	British History to the End of the 14th Century Mr. J. Gillingham	28/MLS	Hy3420
Hy112	British History from the Beginning of the 15th to the Middle of the 18th Century Dr. D. Starkey	30/MLS	Hy3426; Hy3423; Hy3429
Hy112b	English History, 1399-1603 Dr. D. Starkey		
Hy112c	British History, 1603-1760 Dr. D. Starkey		
Hy113	British History from the Middle of the 18th Century Dr. A. C. Howe and Dr. D. Stevenson	25/MLS	Hy3435; Hy3432
Hy115	European History 400-1200 Mr. J. Gillingham	28/MLS	Hy3450
Hy116	European History 1200-1500 (Not available 1986-87)	28/MLS	Hy3453
Hy118a	European History 1500-1800 Dr. D. McKay and Dr. M. Salgado		Hy3456
Hy118b	European History c.1600-1789 Dr. D. McKay and Dr. M. Salgado		Hy3459
Hy119	European History since 1800 Dr. A. C. Howe	25/MLS	Hy3465

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Hy121	World History from the end of the Nineteenth Century (Intercollegiate Class) Dr. A. B. Polonsky	30/MLS	Hy3511
Hy125	International History, 1494–1815 Dr. D. McKay and Dr. M. Salgado	25/MLS	Hy3500; Hy3459; Hy3456
Hy126	International History, 1815–1914 Professor K. Bourne, Dr. A. Sked, Dr. R. J. Bullen and Professor I. H. Nish	25/MLS	Hy3503
Hy128	International History since 1914: (i) to 1945 Mr. G. Grün	25/MLS	Hy3506
Hy129	International History since 1914: (ii) since 1945 Professor I. H. Nish, Dr. A. B. Polonsky and Dr. D. Stevenson	10/M	Hy3506; Hy4540
Hy130	Diplomatic History, 1814–1957 (Intercollegiate Class) Professor I. H. Nish and Dr. R. J. Bullen	25/MLS	Hy3510
Hy133	The History of Russia, 1682–1917 — Class Dr. A. B. Polonsky, Dr. D. McKay and Dr. D. C. B. Lieven	25/MLS	Hy3545
Hy134	War and Society 1600–1815 Dr. D. McKay	25/MLS	Hy3520
Hy135	Revolution, Civil War and Intervention in the Iberian Peninsula, 1808–1854 (Not available 1986-87)	10/M	Hy3523
Hy136	Rebellion and International Strife: Phillip II and the North c.1559-1598 Dr. M. Salgado	24/MLS	Hy3566
Hy137	British-American-Russian Relations, 1815–1914 Professor K. Bourne and Professor I. H. Nish	25/MLS	Hy3526
Hy140	Fascism and National Socialism in International Politics, 1919–1945 Dr. A. B. Polonsky	12/ML	Hy3538
Hy141	International Economic Diplomacy of the Inter-War Period Dr. R. W. D. Boyce	24/MLS	Hy3539
Hy142	The Re-Shaping of Europe, 1943–57 Dr. R. J. Bullen and Dr. D. Stevenson	12/ML	Hy3540

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
Hy143	The Habsburg Monarchy and the Revolutions of 1848 Dr. A. Sked	20/ML	Hy3550
Hy146	The Great Powers and the Balkans 1908–1914 Dr. A. B. Polonsky	20/ML	Hy3556
Hy147	Great Britain and the Peace Conference of 1919 Mr. G. A. Grün	22/MLS	Hy3559
Hy148	The Manchurian Crisis, 1931–33 Professor I. H. Nish	20/MLS	Hy3562
Hy154	Palmerston, the Cabinet and European Policy of Great Britain, 1846–51 (Intercollegiate Seminar) Professor K. Bourne and Dr. R. J. Bullen	30/MLS	Hy3580
Hy155	Japan and the Far Eastern Crisis 1931–41 (Intercollegiate Seminar) Professor I. H. Nish and Dr. Sims (SOAS)	30/MLS	Hy3583
Hy156	The Great Powers 1945–1954 (Intercollegiate Seminar) Dr. A. B. Polonsky and Dr. A. Sked	30/MLS	Hy3586
Hy163	International History 1815–1870 Professor K. Bourne	22/MLS	Hy4409
Hy164	International History 1870–1914 Dr. R. J. Bullen	25/MLS	Hy4412
Hy165	International History 1914–1946 Mr. G. A. Grün	25/MLS	Hy4415
Hy171	Diplomatic Theory and Practice 1815–1914 Dr. D. Stevenson	22/MLS	Hy4428
Hy172	Diplomatic Theory and Practice 1914–1946		Hy4431
Hy186	The Polish Question in International Relations, 1815–1864 Dr. A. B. Polonsky	25/MLS	Hy4465
Hy187	The Mehemet Ali Crisis, 1833–1841 (Not available 1986–87)		Hy4475
Hy188	Anglo-American Relations, 1815–1872 Professor K. Bourne	22/MLS	Hy4470
Hy189	The Habsburg Monarchy, 1815–1851 With Special Reference to the Revolutions of 1848 Dr. A. Sked	25/MLS	Hy4481

Lecture/ Seminar Number		Study Guide Number
Hy190	Cobden, Free Trade and Europe, 1846-1882 Dr. A. Howe	15/LS Hy4482
Hy193	The Powers and the West Pacific, 1911-1941 Professor I. H. Nish	24/MLS Hy4490
Hy194	The Coming of War, 1911-1914 Dr. D. Stevenson	15/ML Hy4485
Hy195	The Comintern and Its Enemies, 1919-1943 Dr. R. Boyce	20/ML Hy4510
Hy196	The Peace Settlement of 1919-1921 Mr. G. A. Grün	Hy4495
Hy197	The Foreign Policy of the Weimar Republic, 1919-1933 Mr. G. A. Grün	Hy4500
Hy198	The Military Policies of the Great Powers, 1919-1939 (Not available 1986-87)	Hy4505
Hy202	The Period of Appeasement, 1937-1939 (Not available 1986-87)	Hy4515
Hy203	The European Settlement, 1944-1946 (Not available 1986-87)	Hy4520
Hy225	International History of East Asia from 1900 Professor I. H. Nish	Hy4525
Hy231	Anarchism, Movements and Ideas from the 1860s to 1918 Dr. A. B. Polonsky	30/MLS Hy4575
Hy241	European History since 1945 Dr. A. Sked	25/MLS Hy4540
Hy250	British History, 1500-1650 - Research Seminars Dr. D. Starkey	Hy250
Hy251	European History, 1648-1800 - Research Seminars Dr. D. McKay and Dr. M. Salgado	Hy251
Hy254	International History, 1814-1919 - Research Seminars Professor K. Bourne, Dr. R. J. Bullen and Dr. A. Sked	14/MLS Hy254
Hy255	International History since 1919 - Research Seminars Mr. G. A. Grün and Dr. A. B. Polonsky	14/MLS Hy255

Study Guides

For B.A. History courses, which are taught and examined on an inter-collegiate basis, students should also consult the White Pamphlet. The study guide entry indicates how the subject is taught at LSE.

Hy3400**Political History 1789-1941**

Teacher Responsible: Dr. D. McKay, Room E405 (Secretary, Mrs. S. Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part I; B.A. History and B.Sc. (Econ.) Part II students.

Scope: A general survey of European History in the period with some attention to developments outside Europe.

Syllabus: The course begins with the origins of the French Revolution and proceeds through the Revolutionary and Napoleonic era in European history, to Europe in the age of Metternich, 1848 Revolutions, the era of Bismarck and Napoleon III, the causes and consequences of the First World War, Fascism and National Socialism, the Soviet Union after 1917, the outbreak of the Second World War, and the war itself till 1941. The national histories of most countries in the period are covered as is the history of European imperialism.

Pre-Requisites: None: this is a general, introductory course.

Teaching Arrangements: 25 weekly lectures (Hy101) Sessional; also one class (Hy101a) per week in conjunction with the lecture course. Students are expected to give at least two class papers per year and to participate in class discussions. They will also be expected to submit at least 3 essays in the course of the year.

Reading List: A full list will be given out at the beginning of the first term. Essential reading matter, however, would include the following: J. McManners, *Lectures on European History 1789-1914*; M. S. Anderson, *The Ascendancy of Europe 1815-1914*; J. B. Joll, *Europe Since 1870*; A. Sked (Ed.), *Europe's Balance of Power 1815-1848*; J. Roberts, *Europe 1880-1945*; A. J. P. Taylor, *The Struggle for Mastery in Europe 1848-1918*; G. Rudé, *Revolutionary Europe 1789-1815*.

Examination Arrangements: There is a formal three-hour examination at the end of the year in which candidates are required to answer four questions out of about twenty.

Hy3403**World History Since 1890**

Teacher Responsible: Mr. G. Grün, Room E600 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part I. Also offered at Part II.

Scope: A general introductory survey of international politics in the twentieth century.

Syllabus: An introductory political survey of the twentieth century with special emphasis on the changing role of Europe. The origins and consequences of two world wars, the emergence of the United States as a world power, the international communist movement, the breakdown of the European colonial empires and the growth of independence movements in Asia and Africa will be discussed and internal and regional problems of newly independent as well as of old established states considered in the wider context of international relations since the beginning of the century.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures (Hy102), Sessional. 24 classes (Hy102a), Sessional.

Reading List: A useful introduction is provided by: G. Barraclough, *An Introduction to Contemporary History* (1982); P. Calvocoressi, *World Politics Since 1945* (1982); F. Gilbert, *The End of the European Era, 1890 to the present* (1970); J. A. S. Grenville, *A World History of the Twentieth Century*; J. B. Joll, *Europe Since 1870* (1973); D. C. Watt, F. Spencer & N. Brown, *A History of the World in the Twentieth Century* (1967).

Written Work: Students will be asked to prepare papers for discussion in class and to write two essays in each of the first two terms.

Examination Arrangements: There will be a formal three-hour examination at the end of the Summer Term. Students are expected to answer four questions, chosen from a list of over 20 questions arranged in chronological order.

Hy3406**The History of European Ideas Since 1700**

Teacher Responsible: Robert Boyce, Room E500 (Secretary, Mrs. I. B. Capsey, E492)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II; B.A. History.

Scope: A survey of European intellectual history from 1700 to the present.

Syllabus: This paper places the development of general social thought and political ideologies within the broad context of European history. Among the issues examined are the spread of Enlightenment ideas and their relation to eighteenth century government; the intellectual causes and consequences of the French revolution; the advent of modern conservatism and liberalism; sources of nationalism; the rise of anti-capitalist movements in particular socialism and anarchism; positivism and the challenge of the irrational towards the end of the nineteenth century; and the dynamic links between social Darwinism, racism, imperialism, revolutionary syndicalism and fascism in the twentieth century. Stress is laid upon the individuals whose intellectual contributions shaped the various modern movements: their lives, their seminal ideas, and the means by which their influence was exerted.

Pre-Requisites: None.

Teaching Arrangements: 25 lectures, by Dr. D. Starkey and Dr. R. Boyce (Hy100). 25 weekly classes (Hy100a).

Written Work: Each student is required to write at least four essays during the year, as well as contributing occasional short oral presentations to the class.

Reading List: There is no specific required reading, (and no one book adequately covers the syllabus), but students will be expected to read a selection of primary and secondary literature, as recommended at the start of the year for each meeting of the class.

Among the secondary works recommended are: Norman Hampson, *The Enlightenment*; Peter Gay, *The Enlightenment: An Interpretation* (2 Vols.); Leonard Krieger, *Kings and Philosophers, 1689-1789*; Alfred Cobban, *Edmund Burke and the Revolt Against the Eighteenth Century*; Charles Taylor, *Hegel and Modern Society*; Maurice Mandelbaum, *History, Man and Reason*; Jacob Talmon, *Romanticism and Revolt: Europe 1815-1848*; Elie Kedourie, *Nationalism*; Hans Kohn, *Prophets and Peoples: Studies in 19th Century Nationalism*; Leszek Kolakowski, *Main Currents of Marxism* (3 Vols.); Leszek Kolakowski, *Positivist Philosophy: From Hume to the Vienna Circle*; Philip Appleman (Ed.), *Darwin*; Walter Kaufmann, *Nietzsche*; Fritz Stern, *The Politics of Cultural Despair*; H. S. Hughes, *Consciousness and Society: The Reorientation of European Social Thought, 1890-1914*; James Joll, *The Anarchists; The Second International*; Michael Biddiss, *The Age of the Masses*; F. H. Hinsley, *Power and the Pursuit of Peace*; G. L. Mosse, *Toward the Final Solution: A History of European Racism*; H. S. Hughes, *The Obstructed Path*.

Examination Arrangements: Towards the end of the Summer Term there is a three-hour examination based on the full syllabus i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however, be offered a wide choice of questions, from which they must answer four. The paper is divided into two parts, the questions in the first part being devoted to the period up to approximately 1815, the questions in the second part devoted to the subsequent period. Students must answer at least one question from each part.

Hy3420

British History Down To The End of the Fourteenth Century

Teacher Responsible: John Gillingham, Room E494 (Secretary, Mrs. I. B. Capsey, E492).

Course Intended Primarily for B.A. History, 1st, 2nd or 3rd years.

Scope: An outline course of mostly English History from the departure of the Romans (c. 400 A.D.) to the deposition of Richard II (1399).

Syllabus: Stress is placed on long-term themes as well as on short-term issues. All aspects - political, social, economic, religious, cultural - are considered as well as relations between England and Wales, Scotland, Ireland and France. The range of topics includes: kingship and the construction of a unity system of law and administration; the question of the rise and decline of 'feudalism'; the rural world of landlords and peasants; the growth of towns and overseas trade; conversion to Christianity and the resulting forms of

church organization and religious outlook, from monasticism to the beginnings of nonconformity; the emergence of parliament as the vehicle of a developing sense of political community.

Pre-Requisites: A willingness to undertake a considerable amount of private reading and to talk about the subject.

Teaching Arrangements: One lecture Hy111, and one class Hy111(e) a week for 28 weeks. The introductory lecture course (Hy110) is also relevant.

Written Work: Each student is required to write two essays a term.

Reading List: No one book adequately covers the entire syllabus. Students are advised to buy:

P. H. Sawyer, *From Roman Britain to Norman England*; F. Barlow, *The Feudal Kingdom of England*; M. Keen, *England in the Later Middle Ages*.

Detailed reading lists will be circulated at each class, but other outline books include: J. Campbell, *The Anglo-Saxons*; P. H. Blair, *An Introduction to Anglo-Saxon England*; F. W. Maitland, *Domesday Book and Beyond*; C. N. L. Brooke, *The Saxon and Norman Kings*; M. Clanchy, *England and its Rulers 1066-1272*; G. W. Barrow, *Feudal Britain*; E. King, *England 1175-1425*; J. L. Bolton, *The Medieval English Economy*; M. Prestwich, *The Three Edwards*.

Examination Arrangements: Towards the end of the Summer Term there is a three-hour formal examination based on the full syllabus, i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however, be given a wide choice of questions, c.30, from which they answer *only four*. The paper is divided into two sections, the questions in Section A being markedly more general than those in Section B. Candidates must tackle *at least one* from each section.

Hy3423

English History, 1399-1603

Teacher Responsible: Dr. David Starkey, Room E408 (Secretary, Mrs. I. B. Capsey, E492)

Course Intended Primarily for B.Sc. (Econ.) Part II and B.A./B.Sc. c.u. main field Geog.

Scope: An introduction to the 'new' political history of England in the years of the Wars of the Roses, and the Renaissance and Reformation. It draws heavily on social and cultural history and deals with the informal realities of power as much as the formal machinery of government.

Syllabus: 'A peculiar people': England and Continental Europe; Lancastrian government and its breakdown: defeat abroad or the mismanagement of bastard feudalism at home?; York and Tudor; the restoration of government and the relationship of politics and administration; Henry VII: a one-man band; Henry VIII: great ministers, factions and the dominance of the court; the Renaissance as cultural colonization; Reformation and rebellion: popular protest or backstairs intrigue?; the mid-Tudor years: continuity or crisis?; Parliament: 'government and opposition' or factional disputes?; Elizabethan puritanism: minority or mainstream?

Pre-Requisites: No previous knowledge of the history of the period is needed. But as in all history courses extensive reading is called for.

Teaching Arrangements: The course is taught by both lectures and classes. There are 30 lectures (Hy112), weekly in the Michaelmas and Lent Terms and twice-a-week in the first 5 weeks of the Summer Term. The lectures cover the whole period 1399-1760 so only the first half or so of the lectures is directly relevant. However students would be well advised to attend the entire course to round out their knowledge. Classes (Hy112b) are weekly, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term. A handout is issued at the beginning of the course. This gives the main topics covered in lectures and classes; detailed bibliographies which are designed to suggest methods of approach as well as merely to list books; and suggested essay topics.

Written Work: 6 essays to be chosen largely but not exclusively from the topics listed in the course handout, will be required: 2 in the Michaelmas Term; 3 in the Lent Term and 1 in the Summer Term. The essays will normally be returned and discussed during tutorial hours. On the other hand, class papers as such are not usually employed; instead general participation is required and will be secured if need be by Socratic questioning!

Reading List: No one book covers the entire syllabus but the following textbooks are useful and should be bought:

J. R. Lander, *Conflict and Stability*; S. Medcalf, *The Later Middle Ages*; C. Russell, *The Crisis of Parliaments*; G. R. Elton, *Reform and Reformation*. More detailed coverage of particular aspects will be found in: B. P. Wolfe, *Henry VI*; C. D. Ross, *Edward IV*; B. P. Wolfe, *The Crown Lands*; C. Coleman and D. Starkey (Eds.), *Revolution Reassessed*; A. Wagner, *English Genealogy*; C. D. Ross, *Richard III*; S. B. Chrimes, *Henry VII*; J. J. Scarisbrick, *Henry VIII*; D. Starkey, *The Reign of Henry VIII*; A. G. Dickens, *The English Reformation*; M. Girouard, *Life in the English Country House*; K. Charlton, *Education in Renaissance England*; A. Fletcher, *Tudor Rebellions*; J. Loach & R. Tittler, *The Mid-Tudor Polity*; P. Collinson, *The Elizabethan Puritan Movement*; C. Haigh (Ed.), *The Reign of Elizabeth I*.

It must be emphasized that this list merely illustrates something of the variety of the course, it is *NOT* a substitute for the full bibliography in the course handout.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper normally contains 14 questions, of which 4 must be answered. It is important to answer the four questions required, since each carries one quarter of the total marks. Weight will be given to the quality of the presentation and argument shown in the answers as well as to the range of factual knowledge displayed.

Hy3426

British History from the Beginning of the Fifteenth Century to the Middle of the Eighteenth Century

Teacher Responsible: Dr. David Starkey, Room E408 (Secretary, Mrs. I. B. Capsey, E492)

Course Intended Primarily for B.A. History.

Scope: An introduction to the political history of England from the Wars of the Roses to the Whig Ascendancy. It draws heavily on social and cultural history; deals with the informal realities of power as much as the formal machinery of government, and tries to familiarize students with the full range of arguments deployed in one of the most hotly-debated areas of English history.

Syllabus: The Wars of the Roses: bastard feudalism and foreign policy; the 'New Monarchy'; Henry VIII: court and faction; Renaissance, Reformation and rebellion; the mid-Tudor years; Parliament; Puritans and Arminians; James I: favourites and reform; localism and political consciousness; 1639-42: the breakdown of government and the outbreak of war; the new Model Army; radicalism and the Pump; the Protectorate; Restoration and religion; parties and Parliament; war and finance; corruption and political stability.

Pre-Requisites: No previous knowledge of the history of the period is needed. But as in all history courses extensive reading is called for.

Teaching Arrangements: The course is taught by both lectures and classes. There are 30 lectures (Hy112), weekly in the Michaelmas and Lent Terms and twice-a-week in the first 5 weeks of the Summer Term. Classes (Hy112a) are weekly, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term. A handout is issued at the beginning of the course. This gives the main topics to be covered in lectures and classes; detailed bibliographies that are designed to suggest methods of approach as well as merely to list books; and suggested essay topics. There is an introductory lecture course Hy110.

Written Work: 6 essays, to be chosen largely from the topics listed in the course handout, will be required: 2 in the Michaelmas Term; 3 in the Lent Term and 1 in the Summer Term. The essays will normally be returned and discussed during tutorial hours. On the other hand, class papers as such are not usually employed; instead general participation is required and will be secured if need be by Socratic questioning!

Reading List: No one book covers the entire syllabus but the following textbooks are useful and should be bought:

J. R. Lander, *Conflict and Stability*; G. R. Elton, *Reform and Reformation*; B. Coward, *The Stuart Age*. More detailed coverage of particular aspects will be found in:

J. R. Lander, *Government and Community*; C. Coleman and D. Starkey (Eds.), *Revolution Reassessed*; J. J. Scarisbrick, *Henry VIII*; D. Starkey, *The Reign of Henry VIII*; C. Cross, *Church and People*; M. Girouard, *Life in the English Country House*; A. Fletcher, *Tudor Rebellions*; K. Sharpe (Ed.), *Faction and Parliament*; A. Fletcher, *The Outbreak of the English Civil War*; C. Hall, *The World Turned Upsidedown*; J. R. Jones, *The Restored Monarchy*; J. H. Plumb, *The Growth of Political Stability in England*.

It must be emphasised that this list merely illustrates something of the variety of the available reading: it is *NOT* a substitute for the full bibliography in the course handout.

Examination Arrangements: There will be a formal three-hour examination in the Summer Term, usually of the student's final year. The examination contains about 35 questions and is divided into three sections. Four questions must be answered, drawn from at least two sections. It is important to answer the four questions required, since each carries one quarter of the total marks. Weight will be given to the quality of the presentation and argument shown as well as to the range of factual knowledge displayed.

Hy3429**British History, 1603-1760**

Teacher Responsible: Dr. David Starkey, Room E408 (Secretary, Mrs. I. B. Capsey, E492)

Course Intended Primarily for B.Sc. (Econ.) Part II, B.Sc. c.u. main field Geog.

Scope: An introduction to the 'new' political history of England in the years of the Civil War, the Restoration and the Whig Ascendancy. It deals with a society moving from stability to crisis and back again, and tests and debates the enormous range of explanations which have been offered.

Syllabus: Politics under James I: the rule of favourites and the role of reform; religion: 'revolutionary' Arminians and 'conservative' Puritans?; localism and political consciousness; 1639-42: the breakdown of government and the outbreak of war; the New Model Army; Radicalism and the Rump; the Protectorate; Restoration and religion; parties and Parliament; war and finance; corruption and political stability.

Pre-Requisites: No previous knowledge of the history of the period is needed. But as in all history courses extensive reading is called for.

Teaching Arrangements: The course is taught by both lectures (Hy112) and classes (Hy112c). There are 30 lectures, weekly in the Michaelmas and Lent Terms and twice-a-week in the first 5 weeks of the Summer Term. The lectures cover the whole period 1399-1760 so only the second half or so of the lectures is directly relevant. However students would be well advised to attend the entire course to round out their knowledge. Classes are weekly, 10 each in the Michaelmas and Lent Terms, and 5 in the Summer Term. Up to 1660, the classes are taken by Dr. Starkey, after 1661, by Mrs. Anthea Bennett. A handout is issued at the beginning of the course. This gives the main topics to be covered in lectures and classes; detailed bibliographies which are designed to suggest methods of approach as well as merely to list books; and suggested essay topics.

Written Work: 6 essays, to be chosen largely but not exclusively from the topics listed in the course handout, will be required.

Reading List: No one book covers the entire syllabus but the following textbook is useful and should be bought:

B. Coward, *The Stuart Age*.

More detailed coverage of particular aspects will be found in: G. P. V. Akrigg, *Jacobean Pageant, or the Court of James I*; K. Sharpe (Ed.), *Faction and Parliament*; A. J. Fletcher, *The Outbreak of the English Civil War*; J. B. Morrill, *The Revolt of the Provinces*; M. Kishlansky, *The Rise of the New Model Army*; C. Hill, *The World Turned Upside-down: God's*

Englishman; J. R. Jones (Ed.), *The Restored Monarchy*; P. M. G. Dickson, *The Financial Revolution*; J. H. Plumb, *The Growth of Political Stability in England*.

It must be emphasized that this list merely illustrates something of the variety of the available reading; it is NOT a substitute for the full bibliography in the course handout.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper normally contains 14 questions, of which four must be answered. It is important to answer the four questions required, since each carries one quarter of the total marks. Weight will be given to the quality of the presentation and argument shown as well as to the range of factual knowledge displayed.

Hy3432**British History 1760-1914**

Teacher Responsible: Dr. A. C. Howe, Room E507 (Secretary, Mrs. V. Brooke, E492)

Course Intended Primarily for B.Sc. (Econ.) Part II second or third year.

Scope: The course surveys the history of the British Isles between the accession of George III and the outbreak of the First World War. Approximately half the course is concerned with the evolution of British governmental institutions, with parliamentary politics at Westminster, and with political movements in the country at large. Attention is also given, however, to economic and social change, to religion and the history of ideas, and to Britain's foreign and imperial relations. Among the principal themes of the course are the effects of industrialization and of the beginnings of Britain's relative economic decline; the emergence of Britain's democracy and the forces making for political stability and instability; the distinctive development of Ireland and the Celtic fringe; and the rise and erosion of the United Kingdom's status as a world power.

Syllabus: Copies of detailed reading lists, class schedules and past examination papers may be obtained from Dr. Howe.

Pre-Requisites: No special qualifications are required. Students wishing to follow the course, however, are advised to acquire an outline knowledge of the period in advance by consulting the works listed in section (a) of the reading list below.

Teaching Arrangements: Teaching is by a combination of lectures, classes and (most important) individual study and written work. The principal lecture course is Hy113.

Students may also wish to attend the lectures given by Dr. Hunt in the Economic History Department on the **Economic and Social History of Britain from 1815** (EH103) and by Mrs. Bennett in the Government Department on the **History of British Politics from the Seventeenth to the Twentieth Century** (Gv151).

Weekly classes (Hy113b) will be given during the Michaelmas and Lent Terms and during the first five weeks of the Summer Term. Attendance at these classes is a course requirement.

Written Work: Students will be expected to produce five essays during the year, for marking by and discussion with their class teacher. They should also be prepared to give short class papers. It should be stressed that it is primarily on this written work and on private reading that students' preparedness for the examination will depend.

Reading List: The following list contains recommended introductory surveys and some more specialized and interpretative works. All of these titles are available in paperback editions and are sufficiently useful to be worth buying, although students may consult them in the Library.

(a) **Introductory Surveys:** I. R. Christie, *Wars and Revolutions: Britain, 1760-1815* (Arnold); A. Briggs, *The Age of Improvement* (Longman); N. Gash, *Aristocracy and People: Britain, 1815-1865* (Arnold); R. T. Shannon, *The Crisis of Imperialism, 1865-1915* (Granada); D. Read, *England, 1868-1914: The Age of Urban Democracy* (Longman).

(b) **More Specialized:** J. Cannon, *Parliamentary Reform, 1640-1832* (Cambridge University Press); R. Floud & D. McCloskey (Eds.), *The Economic History of Britain Since 1700* (Cambridge University Press); A. D. Gilbert, *Religion and Society in Industrial England: Church, Chapel and Social Change, 1760-1914* (Longman); E. J. Hobsbawm, *Industry and Empire: An Economic History of Britain Since 1750* (Pelican); E. H. Hunt, *British Labour History, 1815-1914* (Weidenfeld); P. M. Kennedy, *The Realities Behind Diplomacy: Background Influence On British External Policy, 1865-1980* (Fontana); F. S. L. Lyons, *Ireland Since the Famine* (Fontana); H. J. Perkin, *The Origins of Modern English Society, 1780-1880* (Routledge); B. Porter, *The Lion's Share: A Short History of British Imperialism, 1850-1970* (Longman); M. Pugh, *The Making of Modern British Politics, 1867-1939* (Blackwell); E. P. Thompson, *The Making of the English Working Class* (Pelican); R. Williams, *Culture and Society, 1780-1950* (Pelican).

Examination Arrangements: The course is examined by a three-hour question paper in the Summer Term. Candidates are expected to answer four questions.

Hy3435**B.A. (History): British History from the Middle of the Eighteenth Century**

N.B. B.A. (History) courses are taught and examined on an intercollegiate basis. This study guide is intended to help the student and to indicate the teaching arrangements within the LSE: it in no way formally defines the syllabus.

Teacher Responsible: Dr. A. C. Howe, Room E507 (Secretary, Mrs. V. Brooke, E492)

Copies of detailed reading lists, class schedules, and past examination papers may be obtained from Dr. Howe.

Scope: The course surveys the history of the British Isles between 1750 and the present. Approximately half the course is concerned with the evolution of British governmental institutions, with parliamentary politics at Westminster, and with political movements in the country at large. Attention is also given, however, to

economic and social change, to religion and the history of ideas, and to Britain's foreign and imperial relations. Among the principal themes of the course are the effects of industrialization and of Britain's subsequent relative economic decline; the emergence of British democracy and the forces making for political stability and instability; the distinctive development of Ireland and the Celtic fringe; the evolution of social policy; the rise and erosion of the United Kingdom's status as a world power; and, the causes and consequences of British participation in the two World Wars.

Pre-Requisites: No special qualifications are required. Students wishing to follow the course are advised, however, if they do not possess an outline knowledge of the period, to acquire one in advance by consulting the works listed in section (a) of the reading list below.

Teaching Arrangements: The principal lecture course (Hy113) will be given by Dr. Howe and Dr. Stevenson. Students may also wish to attend the following lectures given in the Economic History and the Government Departments: EH101 **Modern British Society in Historical Perspective** (Professor Barker and others) EH103 **Economic and Social History of Britain from 1815** (Dr. Hunt)

Gv151 **History of British Politics from the Seventeenth to the Twentieth Century** (Mrs. Bennett).

Gv152 **History of British Politics in the Twentieth Century** (Mr. Beattie and Mr. Barnes)

Weekly classes (Hy113a) will be held during the Michaelmas and Lent Terms and during the first seven weeks of the Summer Term. Attendance at these classes is a course requirement.

Written Work: Students will be expected to produce six essays during the year, and should also be prepared to give class papers. It should be stressed that it is primarily on this written work and on private reading that students' preparedness for the examination will depend.

Reading List: The following list contains recommended introductory surveys and some more specialized works. All of these titles are available in paperback editions:

(a) **Introductory Surveys:** I. R. Christie, *Wars and Revolutions: Britain, 1760-1815* (Arnold); A. Briggs, *The Age of Improvement* (Longman); N. Gash, *Aristocracy and People: Britain 1815-1865* (Arnold); R. T. Shannon, *The Crisis of Imperialism, 1865-1915* (Granada); D. Read, *England, 1868-1914: The Age of Urban Democracy* (Longman); A. J. P. Taylor, *English History, 1914-1945* (Pelican); A. Sked & C. P. Cook *Post-War Britain: A Political History* (Pelican); A. Marwick, *British Society since 1945* (Pelican).

(b) **More Specialized:** S. H. Beer, *Modern British Politics: Parties and Pressure Groups in the Collectivist Age* (Faber); J. Cannon, *Parliamentary Reform, 1640-1832* (Cambridge University Press); R. Floud & D. McCloskey (Eds.), *The Economic History of Britain Since 1700*, 2 Vols. (Cambridge University Press); A. D. Gilbert, *Religion and Society in Industrial England: Church, Chapel and Social Change, 1760-1914* (Longman); E. J. Hobsbawm, *Industry and Empire: An Economic History of Britain Since 1750* (Pelican); E. H. Hunt, *British Labour History, 1815-1914* (Weidenfeld); P. M. Kennedy, *The Realities Behind Diplomacy: Background Influences*

on *British External Policy, 1865-1980* (Fontana); F. S. L. Lyons, *Ireland Since the Famine* (Fontana); K. Middlemas, *Politics in Industrial Society: The Experience of the British System Since 1911* (Deutsch); H. J. Perkin, *The Origins of Modern English Society, 1780-1880* (Routledge); B. Porter, *The Lion's Share: A Short History of British Imperialism, 1850-1970* (Longman); M. Pugh, *The Making of Modern British Politics, 1867-1939* (Blackwell); E. P. Thompson, *The Making of the English Working Class* (Pelican); R. Williams, *Culture and Society, 1780-1950* (Pelican).

Examination Arrangements: The course is examined by a University of London paper sat normally at the end of the third year. This is a three-hour written paper, from which candidates are expected to answer four questions, taken from at least two out of three chronological sections.

A Sessional examination is taken at the end of the first year. This does not count towards the student's final result.

Hy3450

European History, 400-1200

Teacher Responsible: John Gillingham, Room E494 (Secretary Mrs. I. B. Capsey, E492)

Course Intended Primarily for B.A. History, 1st, 2nd or 3rd years.

Scope: An outline course of European History (excluding Britain) from the decline of the Roman Empire in the West to the Crusades.

Syllabus: This paper encompasses the history of the late Roman and Byzantine Empires, the eastern and western churches, the barbarian kingdoms and their successor states; also Islam when and where it impinges on Europe. It involves the study of religious, social, economic and cultural as well as political developments throughout the whole of the Latin and Greek world.

Pre-Requisites: No foreign languages are required; instead a willingness to undertake a considerable amount of private reading and to talk about the subject.

Teaching Arrangements: 28 weekly lectures at Senate House given by historians drawn from all the colleges of the University. 28 weekly classes. (Hy115).

Written Work: Each student is required to write two essays a term.

Reading List: No one book adequately covers the entire syllabus. Students are advised to buy:

J. M. Wallace-Hadrill, *The Barbarian West*; M. Keen, *A History of Medieval Europe*; R. W. Southern, *Western Society and the Church in the Middle Ages*. Detailed reading lists will be circulated at each class but other valuable surveys include: A. H. M. Jones, *The Decline of the Ancient World*; P. Brown, *The World of Late Antiquity*; M. Deanesly, *History of Early Medieval Europe*; C. N. L. Brooke, *Europe in the Central Middle Ages*; M. Bloch, *Feudal Society*; H. E. Mayer, *The Crusades*; G. Duby, *The Early Growth of the European Economy*; P. Anderson, *Passages from Antiquity to Feudalism*; G. Barraclough, *The Medieval Papacy*.

Examination Arrangements: Towards the end of the Summer Term there is a three-hour formal examination based on the full syllabus, i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however, be given a wide choice of questions, c.30, from which they answer *only four*.

Hy3453

European History, 1200-1500

(Not available 1986-87)

Teacher Responsible: John Gillingham, Room E494 (Secretary Mrs. I. B. Capsey, E492)

Course Intended Primarily for B.A. History, 1st, 2nd or 3rd years.

Scope: An outline course of European History (excluding Britain) from the capture of Constantinople (1204) to the discovery of America.

Syllabus: The range of themes includes: the demise of the Byzantine Empire and the Crusader States; the emergence of widely different political systems in the West, particularly in France, Germany and Italy; the problems of the church-schism and heresy; the origins of universities and the Renaissance; economic crisis (Black Death) and recovery, the growth of commerce and banking; the impact of technological change - guns, clocks, printing presses and improved ship design.

Pre-Requisites: No foreign languages are required; instead a willingness to undertake a considerable amount of private reading and to talk about the subject.

Teaching Arrangements: 28 weekly lectures at Senate House given by historians drawn from all the colleges of the University. 28 weekly classes (Hy116).

Written Work: Each student is required to write two essays a term.

Reading List: No one book adequately covers the entire syllabus. Students are advised to buy:

D. Waley, *Later Medieval Europe*; J. H. Mundy, *Europe in the High Middle Ages 1150-1309*; G. Holmes, *Europe: Hierarchy and Revolt 1320-1450*; R. W. Southern, *Western Society and the Church in the Middle Ages*.

Detailed reading lists will be circulated at each class, but other valuable surveys include: D. Hay, *Europe in the 14th and 15th Centuries*; J. R. Hale, *Renaissance Europe 1480-1520*; G. Duby, *Rural Economy and Country Life in the Medieval West*; G. Barraclough, *The Medieval Papacy*; E. Perroy, *The Hundred Years War*; J. K. Hyde, *Society and Politics in Medieval Italy*; R. Vaughan, *Valois Burgundy*.

Examination Arrangements: Towards the end of the Summer Term there is a 3 hour formal examination based on the full syllabus, i.e. not merely on topics 'covered' in lectures and classes. Candidates will, however be given a wide choice of questions, c.30, from which they answer *only four*.

Hy3456

European History, 1500-1800

Teacher Responsible: Dr. Derek McKay, Room E405 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.A. History.

Scope: The course is intended to introduce students to the history of Europe in the early-modern period.

Syllabus: General history of Europe, covering political, social, economic, diplomatic and cultural aspects. Students must consult past papers, because this is a course taken by all the colleges in the University and is set for all the colleges by University examiners.

Pre-Requisites: The requirements laid down for entry into the B.A. History course.

Teaching Arrangements: A lecture course and class given at the School are relevant, but it must be stressed that the lecture course given at Senate House is vitally important. This lecture course is given every two years (1986-7, 1988-9) and students would be advised not to take the course in years when there are no Senate House lectures.

Lectures: Hy125 *International History, 1494-1815*, 25 lectures, Sessional; given by Dr. D. McKay and Dr. M. Salgado. These lectures are relevant to the international relations aspects of the course.

European History, 1500-1800, 23 lectures, Sessional (alternate years). Given by various lecturers at Senate House.

Classes: Hy118(a) *European History, 1500-1800*, 25 classes, Sessional; given by Dr. D. McKay and Dr. M. Salgado. Students are required to present at least one (usually two) papers a session and to write at least 2 short essays a term.

Reading List: The University examiners continually stress that students who limit their reading to textbooks will fail. Extensive reading lists are provided at the beginning of the course.

Examination Arrangements: There is a three-hour formal university examination in the Summer Term. It can be taken in the student's second or final year. Students not taking the formal University examination will be required to take a departmental exam in the Summer Term. The paper consists of about thirty questions, four of which are to be answered. The University examiners issue comments about the previous year's scripts every year.

Hy3459

European History, c. 1600-1789

Teacher Responsible: Dr. Derek McKay, Room E405 (Secretary, Mrs. Susan Shaw, Room E403)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 1st year.

Scope: The aim of the course is to introduce students to European history in the age of absolutism.

Syllabus: A study of European politics in the age of absolutism. Special attention will be given to wars, revolutions, economic, social and intellectual developments, and relations between the states.

Pre-Requisites: None. All students admitted to School degrees should have the necessary analytical skills.

Teaching Arrangements: The course is taught primarily by a class, although part of a lecture course is useful:

Lectures: Hy125 *International History, 1494-1815*, 25 lectures, Sessional; given by Dr. D. McKay and Dr.

M. Salgado Students will be told in class which parts of the lecture course are relevant.

Classes: Hy118(b) *European History, c. 1600-1789*, 25, Sessional; given by Dr. D. McKay and Dr. M. Salgado. Students are required to present at least one (usually two) class papers during the session and to write at least two short essays a term.

Reading List: A full reading list will be given at the beginning of the course. As with all history courses, it must be stressed that no student can hope to pass by using text books alone, and that the following are merely introductions:

D. H. Pennington, *Seventeenth-Century Europe* (Longman); M. S. Anderson, *Europe in the Eighteenth Century* (Longman).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper contains 16 questions, four of which are to be answered.

Hy3462

European History 1789-1945

Teacher Responsible: Dr. A. Sked, Room E503 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. History Students.

Scope: A general survey of European history in the period with some attention to developments outside Europe.

Syllabus: The course begins with the origins of the French Revolution and proceeds through the revolutionary and Napoleonic era in European history, to Europe in the age of Metternich, and the 1848 Revolutions, the era of Bismarck and Napoleon III, the causes and consequences of the First World War, Fascism and National Socialism, the Soviet Union after 1917, the outbreak of the Second World War and the War itself. The national histories of most countries in the period are covered as is the history of European imperialism.

Pre-Requisites: None; this is a survey course.

Teaching Arrangements: One class per week (Hy101b) each term until half-way through the Summer Term. Students will be required to give at least two class papers and submit at least three essays. They will also be expected to participate in class discussions and to attend the lecture course (Hy101) *Political History, 1789-1941*.

Reading List: A full list will be given out at the beginning of the Michaelmas Term but essential reading matter includes:

G. Rudé, *Revolutionary Europe 1787-1815*; J. McManners, *Lectures on European History 1789-1914*; M. S. Anderson, *The Ascendancy of Europe, 1815-1914*; J. B. Joll, *Europe Since 1870*; A. Sked (Ed.), *Europe's Balance of Power 1815-1848*; J. Roberts, *Europe 1880-1945*; A. J. P. Taylor, *The Struggle for Mastery in Europe 1848-1918*.

Examination Arrangements: There is a formal three-hour exam at the end of the year in which candidates are required to answer four questions out of about twenty.

Hy3465**European History Since 1800**

N.B.: B.A. (History) courses are taught and examined on an inter-collegiate basis. This study guide is intended to help the student and to indicate the teaching arrangements within the L.S.E.: it is not an official definition of the syllabus.

Teacher Responsible: Dr. D. Stevenson, Room E508 (Secretary, Mrs. V. Brooke, E492)

Scope: An introductory and outline course of modern European history within the London University intercollegiate B.A. (History) degree.

Syllabus: The course surveys European history from the age of Napoleon I to the present day. Past examination papers should be consulted for the range of topics on which questions are set. Principal themes of the course include the internal development of the leading continental states; the domestic and international repercussions of European industrialisation; the spread of liberal and democratic government in nineteenth-century Europe and the totalitarian challenges to it in the twentieth; and the forces making for war and peace in European international relations.

Pre-Requisites: There are no formal pre-requisites and it is not necessarily an advantage to have studied this period of history at 'A' level. A reading knowledge of a modern European language is very useful but in no way essential. Students wishing to follow the course are advised, if they do not possess an outline knowledge of the period, to read in advance one or more of the books suggested in the reading list below.

Teaching Arrangements: Lectures (Hy119):

Students are advised to consult the *White Pamphlet*, issued to all B.A. (History) students every year, which contains details of the arrangements of the lectures given at the University of London Senate House. These lectures are given at a weekly series in alternate years (1987-88, 1989-90). In addition the following lectures are available in the L.S.E.

Political History 1789-1941 (Hy101)

International History 1815-1914 (Hy126)

International History since 1914 (Hy128 and Hy129)

Fascism and National Socialism in International Politics, 1919-1945 (Hy140)

The Reshaping of Europe, 1943-1957 (Hy142)

European History since 1945 (Hy241)

Classes: Weekly classes begin in the third week of the Michaelmas Term and continue until the seventh week of the Summer Term. Attendance at these classes is a course requirement.

Written Work: Students will be expected to write six essays during the year, and give class presentations as requested. It is primarily on this written work and on private reading that the students' preparedness for the examination will depend.

Reading List: The only introductory work covering the period as a whole is D. Thompson, *Europe since Napoleon* (Pelican). Other general surveys available in paperback (and worth buying) include: G. Rudé, *Revolutionary Europe, 1789-1815* (Fontana); M. S. Anderson, *The Ascendancy of Europe, 1815-1914* (Longman); J. M. Roberts, *Europe 1880-1945* (Longman); J. Joll, *Europe since 1870* (Pelican); W.

Laqueur, *Europe since Hitler* (Pelican). Books on more specialised themes include: C. M. Cipolla (Ed.), *The Fontana Economic History of Europe*; M. D. Biddiss, *The Age of the Masses* (Pelican); G. Lichtheim, *A Short History of Socialism* (Fontana); F. H. Hinsley, *Power and the Pursuit of Peace* (Cambridge); H. F. A. Strachan, *European Armies and the Conduct of War* (Allen and Unwin).

Comprehensive reading lists may be obtained from Dr. Stevenson or the Departmental Office in E402.

Examination Arrangements: Students taking the course in their first or second year are required to take a sessional examination at the end of the year. Second-year students are advised that essay marks and the sessional examination result contribute towards their college assessment. Second-year students may take the University finals paper in advance, in which case they will be exempted from the sessional examination.

The final examination (normally taken at the end of the third year) is set by the university examiners. Candidates have three hours in which to answer any four out of a usual total of approximately 35 questions. The university examiners publish an annual report on the final examinations, which contains advice for candidates entering in future years. Copies of this report are available from the Departmental Tutor for B.A. (History) students.

Hy3500**International History, 1494-1815**

Teacher Responsible: Dr. Derek McKay, Room E405 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. History (students taking the paper European History, 1500-1800) M.A. and M.Sc. International History.

Scope: The aim of the course is to introduce students to the history of the relations between the main European powers in the early-modern period.

Syllabus: Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of the diplomatic practice. (In effect this means the diplomatic relations and wars between the main European powers.)

Pre-Requisites: None. All students admitted to School degrees should have the necessary analytical skills.

Teaching Arrangements: There is a lecture course, accompanied by a class, as follows:
Lectures: Hy125 **International History, 1494-1815**, 25 lectures, Sessional; given by Dr. D. McKay and Dr. M. Salgado.

Classes: Hy125(a) **International History, 1494-1815**, 25 classes, Sessional.

Written Work: Students are required to present at least one class paper during the session and to write at least two short essays a term. The work will be set and marked by the class teacher.

Reading List: A full reading list will be given out at the beginning of the course. It must be stressed that, as with all history courses, no student can hope to pass by using textbooks alone, and that the following are merely introductions:

New Cambridge Modern History, relevant chapters of Vols. I-IX; H. G. Koenigsberger & G. E. Mosse,

Europe in 16th (Longman); Derek McKay & H. M. Scott, *The Rise of the Great Powers, 1648-1815* (Longman, 1983); M. S. Anderson, *Europe in the 18th* (Longman); G. Mattingly, *Renaissance Diplomacy* (Penguin); G. Parker, *Spain and the Netherlands* (Fontana); R. Hatton (Ed.), *Louis XIV and Europe* (Macmillan); D. B. Horn, *Great Britain and Europe in the 18th Century* (Oxford University Press).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper is divided into three sections:
Section A 1494-1618
Section B 1618-1720
Section C 1720-1815

Students are expected to answer four questions, one from each section and one other.

Hy3503**International History, 1815-1914**

Teacher Responsible: Professor K. Bourne, Room E603 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II International History.

Scope: The aim of the course is to introduce students to the study of the history of international relations.

Syllabus: The history of international relations from the congress of Vienna to the outbreak of the First World War. The main emphasis of the course is on the policies of the great powers and the factors affecting them.

Pre-Requisites: There are no formal pre-requisites but some background knowledge of nineteenth century European history is useful. The Part I subject **Political History 1789-1941 Hy100** is perhaps the most directly relevant.

Teaching Arrangements:

Lectures: **International History 1815-1914 Hy126**. Professor Bourne, Dr. Sked, Dr. Bullen and Professor Nish.

Classes: 25 classes Sessional Hy126(a)

Course Requirements: Students will be asked to present class papers and to submit three essays.

Reading List: No one book covers the entire syllabus. Students are advised to begin by reading:

F. R. Bridge & R. Bullen, *The Great Powers and the European State System 1815-1914* (Longmans); A. J. P. Taylor, *The Struggle for Mastery in Europe*; A. Sked (Ed.), *Europe's Balance of Power*; K. Bourne, *The Foreign Policy of Victorian England*; F. H. Hinsley, *Power and the Pursuit of Peace*.

Detailed bibliographies of books and articles are available from the teachers and from the International History Departmental Office. Students taking the course are advised to read as widely as possible and are warned not to rely on one or two textbooks.

Examination Arrangements: There is a three hour formal examination in the Summer Term. The paper is divided into three sections:

Section A 1815-1848

Section B 1848-1890

Section C 1890-1914

Students are expected to answer four questions, one from each section and one other. Second year students may take this paper in advance. Before they decide to do so they should consult with the class teachers and with their tutor.

Hy3506**International History Since 1914**

Teacher Responsible: Mr. George Grün, Room E600 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.; M.A. and M.Sc.

Scope: The aim of this course is to introduce students to the study of the history of international relations.

Syllabus: The history of international relations from the outbreak of the First World War. The main emphasis is on diplomatic history, especially the policies of the great powers. The first part of the course deals with the challenge to the peace settlement of 1919 and the origins of the Second World War. In the post-1945 period the focus is on topics such as the Cold War, the Korean and Vietnam Wars, decolonization, resources diplomacy etc.

Teaching Arrangements: Teaching consists of 35 weekly lectures of one hour spread over two academic years. Lectures on the period from 1914 commence in October (for students ordinarily in their second year) and continue throughout the year. Lectures on the period from 1945 commence in October (for students ordinarily in their third year) and the course concludes at the end of the Michaelmas Term.

Lectures (Hy128), **International History since 1914; (i) 1914-1945, Mr. Grün.**

Classes (Hy128a), 25 classes, Sessional.

Lectures (Hy129), **International History since 1914; (ii) since 1945. Professor Nish, Dr. A. Polonsky and Dr. D. Stevenson.**

Classes (Hy129a), 10 classes in the Michaelmas Term.

Written Work: Students will be required to write a number of essays during the course. Subjects for these essays (with accompanying suggested reading) will be handed out at the start of the course.

Reading List: C. L. Mowat (Ed.), *New Cambridge Modern History*. Vol. 12 (2nd edn.); H. W. Gatzke (Ed.), *European Diplomacy Between the Two Wars, 1919-39*; S. Marks, *The Illusion of Peace*; A. Ulam, *Expansion and Co-existence: The History of Soviet Policy, 1917-67*; P. Calvocoressi, *World Politics since 1945*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper is divided into three sections:

Section A covers the whole syllabus and consists of thematic questions.

Section B covers the period 1914-45.

Section C covers the period after 1945.

Students are required to answer four questions, of which at least ONE has to come from Section A and ONE from Section B.

Hy3510**Diplomatic History 1814–1957**

Teachers Responsible: Dr. R. J. Bullen, Room E506 and Professor I. H. Nish, Room E502 (Secretary, Mrs. M. Bradgate, E492)

Course Intended Primarily for B.A. History students Second Year. (This is a University optional subject and the classes although held at the L.S.E. are inter-collegiate.) Other L.S.E. students are admitted only with the permission of the teachers.

Scope: The aim of the course is to introduce students to the study of the history of international relations.

Syllabus: The history of international relations from the congress of Vienna to the Suez crisis. The main emphasis of the course is on the policies of the great powers and the factors affecting them.

Pre-Requisites: There are no formal pre-requisites but students who have already taken **Europe Since 1800** will find the background provided by that course most useful. Similarly **British History from the Middle of the Eighteenth Century** provides good background. A reading knowledge of French and/or German is of great benefit but not essential.

Teaching Arrangements:

Lectures: **Diplomatic History, 1814–1957** Hy130

International History 1815–1914 Hy126

International History since 1914 (i) to 1945 Hy128

International History since 1914 (ii) since 1945 Hy129

Classes: 25 classes, Sessional (Hy210)

Course Requirements: Students will be expected to present class papers and to submit essays.

Reading List: No one book covers the entire syllabus. Students are advised to begin by reading:

F. R. Bridge & R. Bullen, *The Great Powers and the European State System 1815–1914* (Longmans); M. S. Anderson, *The Ascendancy of Europe*; J. L. Talmon, *Romanticism and Revolt*; J. Joll, *Europe Since 1870*; R. A. C. Parker, *Europe 1919–1945*.

Detailed bibliographies of books and articles are available from the course teachers and from the International History Departmental Office. Students taking this course are advised to read as widely as possible and not to rely upon one or two textbooks.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, the paper is directed into two sections:

Section A 1814–1890

Section B 1890–1957

Students are expected to answer four questions from a list of about 15. They are required to answer one question from each section and then any other three. Second year candidates may take this as a paper in advance. Before they decide to do so they should consult with the class teachers and their college tutors.

Hy3511**World History from the End of the Nineteenth Century**

Teacher Responsible: Dr. Antony Polonsky, Room E604 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.A. History

Scope: The history of the world since the end of the nineteenth century. In approaching this enormous

subject, the University Board of Studies in History has specified that the aim of World History as a discipline should be to try to develop an informed conceptual approach to movements, ideologies and processes which have been world wide in their influence and impact in the twentieth century. At the same time, the course aims to provide a framework of the most important developments within and between states and regions. It is intended that the study of these concrete events should balance the study of concepts.

Syllabus: The students will be provided with the detailed syllabus laid down by the University Board of Studies in History at the commencement of the course.

Pre-Requisites: None.

Teaching Arrangements: The course will be taught in a weekly one hour class (Hy121) throughout the Michaelmas, Lent and Summer Terms. In addition, there will be two weekly lectures on Mondays at 10 a.m. and 1 p.m. at S.O.A.S.

Introductory Book List: D. C. Watt, F. Spencer and N. Brown, *A History of the World in the Twentieth Century* (Hodder and Stoughton, 1967), also available in paperback: Part I, 1890–1918, D. C. Watt (Pan, 1970); Part II, 1918–1945; F. Spencer (Pan, 1970); Part III, 1945–1968, N. Brown (Pan, 1972); J. Roberts, *Europe 1880–1945* (Longman, 1967); J. Joll, *Europe since 1870* (Weidenfeld and Nicolson, 1973); W. F. Knapp, *A History of War and Peace, 1939–1965* (OUP, 1967); F. Gilbert, *The End of the European Era 1890 to the Present* (Weidenfeld and Nicolson, 1970); R. J. Sontag, *A Broken World 1919–1939* (Harper Torchbooks, 1971); G. Wright, *The Ordeal of Total War 1939–1945* (Harper Torchbooks, 1968); D. W. Unwin, *Western Europe since 1945* (Longman, 1972); P. Calvocoressi, *World Politics since 1945*, 2nd edition (Longman, 1971); J. W. Spanier, *World Politics in an Age of Revolution* (Praeger, 1967); A. B. Ulam, *Expansion and Coexistence* (Secker & Warburg, 1968); E. Kedourie, *Nationalism in Asia and Africa* (Weidenfeld and Nicolson, 1970); C. P. Fitzgerald, *A Concise History of East Asia* (Penguin, 1974); G. Barraclough, *Introduction to Contemporary History* (Penguin, 1970).

For more detailed bibliographical assistance, students should consult F. Harcourt and Francis Robinson (Eds.), *Twentieth Century World History. A Select Bibliography* (London, 1979).

Examination Arrangements: There is a formal three-hour examination set by the University at the end of the course. Students are required to answer four questions, with at least one from a general section covering the whole course and at least one from a section dealing with more specific topics. Work submitted throughout the year will be taken into account in the final assessment.

Hy3520**War and Society, 1600–1815**

Teacher Responsible: Dr. Derek McKay, Room E405 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: The course is intended to introduce students to the history of warfare and its relationship with society as a whole in the early-modern and revolutionary periods.

Syllabus: A study of the main developments in strategy and organisation of armies between 1600 and 1815, of civil-military relations in their broadest sense, including the role of armed forces as instruments of domestic control, and of the impact of war at all levels of society. (War at sea is not covered by the course.)

Pre-Requisites: None. All students admitted to School degrees should have the necessary analytical skills, although clearly some knowledge of European or military history would be useful.

Teaching Arrangements:

Lectures: Students are provided with printed lecture notes covering the main aspects of the course at the beginning of the session.

Classes: **War and Society, 1600–1815**, Hy134. 12 classes. Sessional. Given by Dr. D. McKay. Students are expected to present at least one class paper during the session and to write two short essays a term.

Reading List: A full reading list will be given at the beginning of the course. There is no adequate introduction to the whole period but the following are useful to begin with:

G. Parker, *Spain and the Netherlands* (Fontana); M. Howard, *War in European History* (Opus); A. Corvisier, *Armies and Societies in Europe, 1494–1789* (Indiana UP); G. Best, *War and Society in Revolutionary Europe* (Fontana); J. F. C. Fuller, *The Conduct of War, 1789–1961* (Methuen).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus. The paper contains 16 questions, four of which are to be answered.

Hy3523**Revolution, Civil War and Intervention in the Iberian Peninsula 1808–1854**

(Not available 1986–87)

Teacher Responsible: Dr. R. J. Bullen, Room E506 (Secretary, Mrs. M. Bradgate, E492)

Course Intended Primarily for B.Sc. (Econ.) Part II students, International History.

Scope: A historical investigation of revolution, civil war and great power intervention in a regional context.

Syllabus: A study of the origins and course of constitutional, revolutionary, and resistance movements in Spain and Portugal in the first half of the nineteenth century and the attitudes and policies of the European Great Powers towards these movements. Particular attention will be paid to various types of intervention and to the impact of these Iberian conflicts on Great Power rivalry.

Pre-Requisites: Students taking this course in their third year should have taken **International History 1815–1914** in their second year.

Teaching Arrangements:

Lectures: 10 in Michaelmas Term. Hy135. Classes: 10 in Lent Term. Hy135(a).

Course Requirements: In the Lent Term students taking this paper are required to present at least one class paper and two essays.

Reading List: No one book covers the entire syllabus. Students are advised to purchase: R. Carr, *Spain 1808–1939* (New edn.); H. Livermore, *A New History of Portugal*.

A detailed bibliography of books and articles is available from the course teacher and from the International History Departmental Office. As in all historical subjects students are advised to read as widely as possible and not to rely upon one or two textbooks.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Candidates are expected to answer four questions from a list of about ten. The examination paper is undivided. Past papers are available in the Teaching Library.

Hy3526**British-American-Russian-Relations, 1815–1914**

Teacher Responsible: Professor K. Bourne, Room E603 (Secretary, Mrs. Susan Shaw, Room E403)

Course Intended Primarily for B.Sc. (Econ.) Part II International History.

Scope: A general study of the relations of these three great powers, mainly in North America in the Anglo-American case and in the Far East, Central Asia and Persia in the Anglo-Russian one, during the nineteenth and early twentieth centuries.

Syllabus: Anglo-American relations relating to the Canadian and other border questions, the Caribbean and the isthmian canal question, and the slave trade. The roles played by Britain, the United States and Russia in the 'opening' of China and Japan. The American Civil War in the relations of these three powers. Anglo-Russian relations in Central Asia and Persia, with attention to the strategic and other elements involved. The Anglo-American rapprochement at the turn of the nineteenth-twentieth centuries. The impact of the Sino-Japanese and Russo-Japanese wars on international relations, and the roles of Britain, the United States and Russia in the Far East in the years before 1914.

Pre-Requisites: Some previous knowledge of European international relations in this period is desirable but not essential. As in all history courses extensive reading is called for.

Teaching Arrangements: There is one course of 25 lectures (Hy137). Since the number of students is normally small these are relatively informal and have something of the atmosphere of a class. The lectures are given in the rooms of the teachers concerned: Professor K. Bourne and Professor I. H. Nish.

Written Work: Students will be required to write a number of essays during the course. Lists of subjects for these, with accompanying suggested reading will be given out during the course.

Reading List: No one book covers the entire syllabus. As introductory surveys of large parts of it the following are useful:

H. C. Allen, *Great Britain and the United States*; C. S. Campbell, *From Revolution to Rapprochement: The United States and Great Britain, 1783–1900*; F. Michael & G. E. Taylor, *The Far East in the Modern World*; D. Gillard, *The Struggle for Asia, 1828–1914*.

Supplementary Reading List: More detailed studies of particular aspects of the period are: K. Bourne, *Britain and the Balance of Power in North America*,

1815–1908; T. A. Bailey, *A Diplomatic History of the American People*; P. A. Varg, *United States Foreign Relations, 1820–1860*; D. P. Crook, *The North, the South, and the Powers, 1861–1865*; W. C. Costin, *Great Britain and China, 1833–1860*; B. Perkins, *The Great Rapprochement: England and the United States, 1895–1914*; I. H. Nish, *The Anglo-Japanese Alliance; The Origins of the Russo-Japanese War*; M. E. Yapp, *Strategies of British India: Britain, Iran and Afghanistan, 1798–1850*; F. Kazemzadeh, *Russia and Britain in Persia, 1864–1914*.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper normally contains 12 questions, of which four must be answered.

Hy3538

Fascism and National Socialism in International Politics 1919–1945

Teacher Responsible: Dr. Antony Polonsky, Room E604 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) 2nd and 3rd years.

Scope: The course is intended both for specialist historians and for others studying the social sciences. It aims to provide a historical account of the phenomenon of fascism in Europe in the inter-war years and during the Second World War.

Syllabus: The intellectual roots of fascism; pre-1914 proto-fascist groups; the impact of the First World War; the rise of fascism in Italy; fascism in power in Italy; the rise of Nazism in Germany; Nazism in power in Germany; fascism in eastern Europe; fascism in the Iberian peninsula; fascism in western Europe; the impact of the Second World War.

Pre-Requisites: No pre-requisites are imposed, though some knowledge of twentieth century history is desirable.

Teaching Arrangements:

Lectures: There are 12 lectures (Hy140) in the Michaelmas and Lent Terms.

Classes: There are 10 classes (Hy140a) in the Lent and Summer Terms.

Reading List:

Shorter Introductory Reading List:

Students are advised to buy as many of these books as possible:

F. L. Carsten, *The Rise of Fascism* (London, 1967); W. Z. Laqueur (Ed.), *Fascism: A Reader's Guide* (London, 1967); G. L. Mosse (Ed.), *International Fascism* (London, 1979); S. J. Woolf (Ed.), *The Nature of Fascism* (London, 1968); *European Fascism* (London, 1970); H. Rogger & E. Weber (Eds.), *The European Right* (Berkeley and L.A., 1965); E. Nolte, *Three Faces of Fascism* (paperback, New York, 1969); R. De Felice, *Interpretations of Fascism* (Cambridge, Mass., 1977); E. Weber, *Varieties of Fascism* (New York, 1964); H. A. Turner (Ed.), *Reappraisals of Fascism* (New York, 1975).

Longer Booklist:

Intellectual Origins of Fascism:

A. Stuart Hughes, *Consciousness and Society: The*

Reorientation of European Social Thought 1890–1930 (New York, 1961); F. Stern, *The Politics of Cultural Despair* (Berkeley, 1961); G. L. Mosse, *The Crisis of German Ideology* (New York, 1904); W. Z. Laqueur, *Young Germany: A History of the German Youth Movement* (London, 1962); J. Joll, 'Marinetti', in *Intellectuals in Politics* (London, 1960); A. Lyttleton (Ed.), *Italian Fascism from Pareto to Gentile* (London, 1973).

Italy:

A. Lyttleton, *The Seizure of Power: Fascism in Italy, 1919–1929* (London, 1973); C. Seton-Watson, *Italy from Liberalism to Fascism* (London, 1967); E. Robertson, *Mussolini as Empire Builder* (London, 1977); D. Mack Smith, *Mussolini's Roman Empire* (London 1976); G. Salvemini, *The Origins of Fascism in Italy* (New York, 1973); *Under the Axe of Fascism* (London, 1936); R. Sarti (Ed.), *The Ax Within. Italian Fascism* (London, 1974); D. Settembrini, 'Mussolini and the Legacy of Revolutionary Socialism', *Journal of Contemporary History*, Vol. XI, No. 4. (1976); A. Tasca (A. Rossi), *The Rise of Italian Fascism* (London, 1938); P. Corner, *Fascism in Ferrara 1915–25* (London, 1974); F. W. Deakin, *The Brutal Friendship: Mussolini, Hitler and The Fall of Italian Fascism* (London, 1962).

Germany:

A. Bullock, *Hitler: A Study of Tyranny* (rev. edn. London, 1962); K. D. Bracher, *The German Dictatorship* (London, 1970); H. T. Gordon, *Hitler and the Beer Hall Putsch* (Princeton, 1972); J. Nyomarky, *Charisma and Factionalism in the Nazi Party*, 2 Vols. (Pittsburgh, 1969, 1973); A. Speer, *Inside the Third Reich* (paperback, New York, 1970); H. A. Turner (Ed.), *Nazism and the Third Reich* (New York, 1972); M. H. Kele, *Nazis and Workers* (Chapel Hill, N.C., 1972); D. Schoenbaum, *Hitler's Social Revolution* (New York, 1961); J. Stephenson, *Women in Nazi Society* (London, 1976); J. Childers, 'The Social Bases of the National Socialist Vote', *Journal of Contemporary History*, Vol. XI, No. 4 (1976); H. Krausnick et al., *Anatomy of the SS State* (London, 1968).

Fascism Elsewhere:

R. Aron, *The Vichy Regime* (Paris, 1954); T. S. McClelland (Ed.), *The French Right from de Maistre to Maurras* (New York, 1970); R. O. Paxton, *Vichy France* (New York, 1972); Z. Sternhell, *Maurice Barres et le nationalisme Française* (Stanford, 1962); C. Cross, *The Fascists in Britain* (London, 1961); R. Skidelsky, *Oswald Mosley* (London, 1975); W. Warmbrunn, *The Dutch under German Occupation 1940–1945* (Stanford, 1963); P. Hayes, *The Career and Political Ideas of Vidkun Quisling 1887–1945* (Newton Abbot, 1971); C. Delzell (Ed.), *Mediterranean Fascism* (New York, 1971); S. Payne, *Falange: A History of Spanish Fascism* (Stanford, 1961); G. Jackson, *The Spanish Republic and the Civil War, 1931–1939* (Princeton, 1965); R. A. H. Robinson, *The Origins of Franco's Spain* (Pittsburgh, 1970); H. Thomas, 'The Hero in the Empty Room: Jose Antonio and Spanish Fascism', *Journal of Contemporary History*, Vol. I, No. 1 (1966); P. F. Sugar (Ed.), *Native Fascism in the Successor States*

(Santa Barbara, 1971); F. L. Carsten, *Fascism Movements in Austria from Schoenerer to Hitler* (London, 1977); A. Whiteside, *Austrian National-Socialism before 1918* (The Hague, 1962); Y. Jelinek, *The Parish Republic. Hlinka's Slovak People's Party 1939–1945* (New York, 1976); C. A. Macartney, *October Fifteenth – A History of Modern Hungary, 1929–1945* (Edinburgh, 1961); M. Lacko, *Arrow-Cross Men, National Socialists 1935–1944* (Budapest, 1969); S. Fischer-Galati, 'Romanian Nationalism' in P. Sugar & I. Lederer (Eds.), *Nationalism in Eastern Europe* (Seattle, 1969); E. Weber, 'The Men of the Archangel', *Journal of Contemporary History*, Vol. 1, No. 1 (1969); L. Hory & M. Broszat, *Der Kroatische Ustascha-Staat 1941–45* (Stuttgart, 1964); J. Stephan, *The Russian Fascists* (London, 1978).

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Students will be given a wide range of questions and will be required to answer four. The paper is not divided into subsections and there are no compulsory questions.

Hy3539

International Economic Diplomacy in the Inter-War Period

Teacher Responsible: Dr. Robert Boyce, Room E500 (Secretary, Mrs. I. Capsey, E492)

Course Intended Primarily for B.Sc. (Econ.) 2nd and 3rd years.

Scope: This course, which is intended for specialist historians and others studying the social sciences, examines the formal and informal diplomacy of the Powers in their efforts to grapple with the large economic issues at the centre of international relations between 1919 and 1939, and their use of economic weapons in the pursuit of various national goals.

Syllabus: Reparations and war debt negotiations from Versailles to Lausanne; the development of the League of Nations machinery for economic reconstruction; the ambiguities of America's role in European reconstruction; the role of private capital and the contributions of central banks to international diplomacy; the struggle over coal and steel and the Franco-German economic rapprochement of 1924–29; the origins and fate of the French, British and Scandinavian plans for regional cooperation during the world slump; the Austro-German customs union crisis; the Ottawa conference as a factor in international relations; the World Economic Conference, 1933; German economic expansion in Central Europe; renewed financial cooperation among the major democratic powers; the American reciprocal trade agreement policy and European stability; the economic appeasement of Germany; the Open Door and American-Japanese confrontation.

Pre-Requisites: Some previous knowledge of international relations in this period is desirable but not essential. Nor will students be expected to have a background in economics, since the subject matter is treated in a non-technical way as a dimension of international politics.

Teaching Arrangements: There are 24 lectures (Hy141) and classes (Hy141a) in the Michaelmas, Lent and Summer Terms.

Reading List: J. M. Keynes, *The Economic Consequences of the Peace*; W. A. McDougall, *France's Rhineland Diplomacy, 1914–1924*; N. G. Levin, Jr., *Woodrow Wilson and World Politics*; Carl Parrini, *Heir to Empire: United States Economic Diplomacy, 1916–1922*; C. S. Maier, *Recasting Bourgeois Europe*; Marc Trachtenberg, *Reparation in World Politics: France and European Economic Diplomacy, 1916–1923*; W. A. Williams, *The Tragedy of American Diplomacy*, rev. edn.; Denise Artaud, *La reconstruction de l'Europe*; Jacques Bariety, *Les relations franco-allemandes après la première guerre mondiale*; Melvin Leffler, *Elusive Quest: America's Pursuit of European Stability and French Security, 1919–1933*; P. M. Kennedy, *The Realities behind Diplomacy*; Royal J. Schmidt, *Versailles and the Ruhr: Seedbed of World War II*; M. J. Hogan, *Informal Entente: The Private Structure of Cooperation in Anglo-American Economic Diplomacy, 1918–1928*; R. W. D. Boyce, *British Capitalism at the Crossroads, 1919–1932: A Study in Money, Politics and International Relations*; H. J. Wilson, *American Business and Foreign Policy, 1920–1933*; Akira Iriye, *After Imperialism: The Search for a New Order in the Far East, 1921–1933*; Jon Jacobson, *Locarno Diplomacy*; S. Schuker, *The End of French Predominance in Europe*; E. W. Bennett, *Germany and the Diplomacy of the Financial Crisis, 1931*; D. E. Kaiser, *Economic Diplomacy and the Origins of the Second World War*; William Carr, *Arms, Autarky and Aggression: A Study in German Foreign Policy, 1933–39*; W. J. Mommsen and L. Kettenacker (Eds.), *The Fascist Challenge and the Policy of Appeasement*; C. A. MacDonald, *The United States, Britain and Appeasement, 1936–1939*; D. Reynolds, *The Creation of the Anglo-American Alliance, 1937–41*; J. W. Morley (Ed.), *Dilemmas of Growth in Pre-war Japan*. **Written Work:** Students will be required to write two short essays in both the Michaelmas and Lent Terms and a longer essay by the start of the Summer Term. A list of suggested topics along with an outline of the lectures and reading lists will be issued at the beginning of the course.

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Students will be given a wide range of questions from which they will be required to answer any four.

Hy3540

The Reshaping of Europe 1943–57

Teachers Responsible: Dr. R. J. Bullen, Room E506 (Secretary, Mrs. M. Bradgate, E492) and Dr. D. Stevenson, Room E508 (Secretary, Mrs. V. Brooke, E492)

Course Intended Primarily for B.Sc. (Econ.) Part II **Scope:** A general survey of the relations of the Great Powers from the wartime conferences on postwar Europe to the Treaty of Rome.

Syllabus: The major themes will be: (1) the German problem to the Paris agreements of 1954; (2) Western European integration to the Treaty of Rome, 1957; (3) the evolution of American commitments to Western Europe (the Truman doctrine and Marshall plan; NATO); (4) the formation and consolidation of the Soviet sphere of influence in Eastern Europe.

Pre-Requisites: Some previous knowledge of European international relations in this period is desirable, but not essential.

Teaching Arrangements: Teaching will be by a course of 12 lectures (Hy142) and 12 classes (Hy142a).

Written Work: Students will be required to write a number of essays during the course.

Examination Arrangements: the course will be assessed by a three-hour written examination in the Summer Term. Students will be expected to answer four questions.

Reading List: (a) *General:* E. Barker, *Britain in a Divided Europe, 1945-1970* (London, 1971); P. Calvocoressi, *World Politics since 1945* (4th edn., London, 1982); A. W. Deporte, *Europe between the Superpowers: the Enduring Balance* (New Haven, 1979); W. Laqueur, *Europe since Hitler: the Rebirth of Europe* (Harmondsworth, 1982); M. McCauley, *The Origins of the Cold War* (London, 1983); J. Wheeler-Bennett and A. Nicholls, *The Semblance of Peace: the Political Settlement after the Second World War* (London, 1972); (b) *More specific:* E. Barker, *The British between the Superpowers, 1945-1950* (London, 1983); S. Bullock, *Ernest Bevin: Foreign Secretary* (London, 1983); F. Fejtö, *A History of the People's Democracies: Eastern Europe since Stalin* (London, 1971); E. Fursdon, *The European Defence Community: A History* (London, 1980); J. L. Gaddis, *The United States and the Origins of the Cold War, 1941-1947* (New York, 1972); J. Gimbel, *The Origins of the Marshall Plan* (Stanford, 1976); A. Grosser, *Germany in our Time: a Political History of the Postwar Years* (London, 1971); H. Hanak, (Ed.), *Soviet Foreign Policy since the Death of Stalin* (London, 1972); N. Henderson, *The Birth of NATO* (London, 1982); J. G. Iatrides (Ed.), *Greece in the 1940s: a Nation in Crisis* (Hanover, New Hampshire, 1981); T. P. Ireland, *Creating the Entangling Alliance: the Origins of the North Atlantic Treaty Organization* (London, 1981); N. Kogan, *A Political History of Postwar Italy* (London, 1966); W. Lippens, *A History of European Integration*, Vol. I (Oxford, 1982); M. McCauley (Ed.), *Communist Power in Europe, 1944-1949* (London, 1977); V. Mastny, *Russia's Road to the Cold War: Diplomacy, Warfare and the Politics of Communism, 1941-1945* (New York, 1979); F. S. Northedge, *Descent from Power: British Foreign Policy, 1945-1973* (London, 1974); W. W. Rostow, *Europe after Stalin: Eisenhower's Three Decisions of March 1953* (Austin, Texas, 1982); V. H. Rothwell, *Britain and the Cold War, 1941-1947* (London, 1982); J. K. Sowden, *The German Question, 1945-1973: Continuity in Change* (New York, 1975); A. B. Ulam, *Expansion and Coexistence: Soviet Foreign Policy, 1917-1973* (New York, 1974); R. Vaughan, *Twentieth-Century Europe: Paths to Unity* (London, 1979); N. Waites (Ed.), *Troubled Neighbours: Franco-British Relations in the Twentieth Century* (London, 1971) - Chapter by G. Warner; F. R. Willis, *Italy Chooses Europe* (New York, 1971); F. R. Willis, *France, Germany and the New Europe, 1945-1967* (Stanford, 1968); D. Yergin, *Shattered Peace: the Cold War and the Origins of the National Security State* (London, 1978).

Hy3545

The History of Russia, 1682-1917

Teacher Responsible: Dr. Antony Polonsky, Room E604 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) Part II, Russian Government, History and Language.

Scope: An introduction to the history of Russia in all its major aspects from the reign of Peter I to the Bolshevik Revolution.

Syllabus: The reforms of Peter I and Catherine II; Russian foreign relations and the expansion of the Russian Empire: social and economic problems and developments (serfdom, industrial growth, the development of internal communications, etc.): the reforming efforts of the later nineteenth and early twentieth centuries: the collapse of the imperial regime.

Pre-Requisites: A reading knowledge of Russian is required of students taking the course as part of the B.Sc. (Econ.) Part II option in Russian Government, History and Language, but is not essential for others, e.g. B.Sc. (Econ.) International History and interested General Course students. As in all history courses extensive reading is highly desirable.

Teaching Arrangements: There is one course of 25 classes (Hy133) in the Michaelmas and Lent Terms, meeting in the rooms of the teachers concerned: Dr. D. McKay, Dr. A. B. Polonsky and Dr. D. C. B. Lieven (L202).

Written Work: Students will be required to write at least five essays, for which lists of subjects, with accompanying suggested reading, will be given out during the course. They will also be expected to take an active part in class discussions and to present papers in class on subjects indicated in advance.

Reading List: The following general surveys are useful as introductions to the subject:

M. T. Florinsky, *Russia: A History and an Interpretation*; N. V. Riasanovsky, *A History of Russia*; H. Seton-Watson, *The Russian Empire, 1801-1917*.

Supplementary Reading List: More detailed studies are:

J. Blum, *Lord and Peasant in Russia from the Ninth to the Nineteenth Century*; P. I. Lyashchenko, *History of the National Economy of Russia to the 1917 Revolution*; M. E. Falkus, *The Industrialisation of Russia, 1700-1914*; W. L. Blackwell (Ed.), *Russian Economic Development from Peter the Great to Stalin*; M. S. Anderson, *Peter the Great*; Isabel de Madariaga, *Russia in the Age of Catherine the Great*; W. E. Mosse, *Alexander II and the Modernisation of Russia*; A. B. Ulam, *The Bolsheviks*; P. Miliukov, *Outlines of Russian Culture*, 3 Vols.

Examination Arrangements: There will be a three-hour formal examination in the Summer Term based on the ground covered during the course. The examination paper will normally contain 12 questions, of which four must be answered. Weight will be given to the quality of the presentation and argument shown in the answers as well as to the range of factual knowledge displayed.

Hy3550

The Habsburg Monarchy and the Revolutions of 1848

Teacher Responsible: Dr. A. Sked, Room E503 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) Part II students.

Scope: A detailed study of the Habsburg Monarchy and the 1848 Revolutions.

Syllabus: The course, based on a study of relevant documents and monographs will cover the background to as well as the origins, development, diplomacy, failure and consequences of the revolutions of 1848 within the Habsburg Monarchy. It will also cover the struggle for mastery in Germany between 1848 and 1851.

Pre-Requisites: A good knowledge of nineteenth-century European history.

Teaching Arrangements: The course (Hy143) will be taught in the Michaelmas and Lent Terms. Students will be expected to submit at least three essays/gobbet-papers, to give at least one class paper and to participate in class discussions. The first term will, however, consist largely of lectures.

Reading List: (a) Prescribed Sources include: Count Hartig, *Genesis of the Revolution in Austria*; W. H. Stiles, *Austria in 1848-49*; Helmut Bohme, *The Foundation of the German Empire* (Docs. 21-41 only); A. Sked & E. Haraszti (Eds.), *The Correspondence of J. A. Blackwell*; A. Sked, *The Survival of the Habsburg Empire Radezky, The Imperial Army and the Class War 1848*.

Key books include: I. Deak, *The Lawful Revolution, Louis Kossuth and the Hungarians*; A. Sked (Ed.), *Europe's Balance of Power 1815-1848*; R. J. Rath, *The Viennese Revolution of 1848*; C. A. Macartney, *The Habsburg Empire 1790-1918*.

Examination Arrangements: There will be a formal three-hour exam at the end of the year in which students will be required to answer one gobbet question and three others out of eight questions in all in three hours.

Hy3556

The Great Powers and the Balkans 1908-1914

Teacher Responsible: Dr. Antony Polonsky, Room E604 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for B.Sc. (Econ.) third year, International History; Government and History.

Scope: This International History special subject involves a detailed study, based on documentary evidence and relevant monographs, of the Balkan policies of the Great Powers and of the effect of those policies on the relations between the Great Powers from the beginning of 1908 to the outbreak of war in 1914.

Syllabus: The Macedonian Question in 1908 and the collapse of the Austro-Russian entente. The Bosnian crisis and its aftermath. The Great Powers and

European Turkey, 1910-1912 - Albania and Crete. The Great Powers, the Balkan League and the Balkan Wars. The intensification of the Great Powers' struggle for influence in Turkey and the Balkan States 1913-1914. Sarajevo, the July crisis and the outbreak of war.

Pre-Requisites: None. A knowledge of nineteenth century diplomatic history is however, essential.

Teaching Arrangements: The Course (Hy146) consists of 15 formal lectures and 5 classes in the Michaelmas and Lent Terms.

Prescribed Documents: The course will be based upon selected documents from the following authorities:

G. P. Gooch & H. W. V. Temperley (Eds.), *British Documents on the Origins of the War*, Vols. V, IX, X; B. von Siebert, *Entente Diplomacy and the World War*.

Reading List: L. Albertini, *The Origins of the War of 1914*, 3 Vols. (London, 1952-7); M. S. Anderson, *The Eastern Question 1774-1923* (London, 1966); F. R.

Bridge, *From Sadowa to Sarajevo: The Foreign Policy of Austria-Hungary, 1868-1914* (London, 1972);

Great Britain and Austria-Hungary 1906-1914; A Diplomatic History (London, 1972); R. J. Crampton,

The Hollow Entente: Anglo-German Relations in the Balkans 1911-1914 (London, 1980); V. Dedijer, *The Road to Sarajevo* (London, 1967); E. C. Helmreich,

The Diplomacy of the Balkan Wars (Cambridge, Mass., 1938); F. C. Hinsley (Ed.), *British Foreign Policy under Sir Edward Grey* (Cambridge, 1977); C.

Jelavich & B. Jelavich, *The Establishment of the Balkan National States 1804-1920* (Seattle and London, 1977); C. A. Macartney, *The Habsburg Empire 1790-1918* (London, 1969); S. J. Shaw & E.

K. Shaw, *History of the Ottoman Empire and Modern Turkey*, 2 Vols., Vol. II *Reform, Revolution and Republic: The Rise of Modern Turkey 1808-1975* (Cambridge, 1977); L. S. Stavrianos, *The Balkans Since 1453* (New York, 1961); H. Seton-Watson, *The Russian Empire 1801-1917* (Oxford, 1967); E. C.

Thaden, *Russia and the Balkan Alliance of 1912* (University Pub., Penn., 1965); W. S. Vucinich, *Serbia between East and West: the Events of 1903-1908* (Stanford, Ca., 1954).

Examination Arrangements: There is a formal three-hour examination in the Summer Term. Students will be obliged to answer one compulsory question on the prescribed documents and three other questions. A wide choice is provided.

Hy3559

Great Britain and the Peace Conference of 1919

Teacher Responsible: Mr. G. A. Grün, Room E600 (Secretary, Mrs. Susan Shaw, E403)

Course Intended Primarily for B.Sc. (Econ.) Part II 3rd year. (A special subject for International History, Government and History, International Relations.)

Scope: A detailed survey based on documentary evidence of Britain's policies in relation to the organisation of the Peace Conference and the negotiation of the treaties at the end of the first world war.

Syllabus: After considering war time preparation for peace and the armistice negotiations, the course concentrates on the proceedings of the Council of Ten and the Council of Four. The changes in Britain's relations with her partners, especially the United States and France, are examined in dealing with issues arising from the defeat of Germany and her allies. Problems investigated include the redrawing of Germany's frontiers, the territorial changes in central and eastern Europe, the Mandates system. Reparations and the war guilt issues, disarmament and the foundation of the League of Nations. The impact of domestic politics and of revolution in Russia and Central Europe is also assessed.

Pre-Requisites: None. A knowledge of twentieth century political history is an advantage.

Teaching Arrangements: 10 lectures, Michaelmas Term and 12 classes, Lent and Summer Terms: Hy147.

Prescribed Documents: The course is based on selected documents from the following list: U.S. Department of State, *Papers Relating to Foreign Relations of the United States*, Vol. III-VI (Washington D.C., 1942-47); D. Lloyd George, *The Truth about the Peace Treaties* (1938); P. J. Mantoux, *Paris Peace Conference 1919 Proceedings of the Council of Four* (Geneva, 1964).

Reading List: A useful introduction is provided by: M. L. Dockrill & J. D. Goold, *Peace without Promise* (1981); A. J. Mayer, *Politics and Diplomacy of Peacemaking* (1968); H. I. Nelson, *Land and Power. British and Allied Policy on Germany's Frontier 1916-1923* (1963); S. P. Tillman, *Anglo-American Relations at the Paris Peace Conference of 1919* (Princeton, 1961).

A detailed biography will be provided at the beginning of the session.

Examination Arrangements: There will be a formal three-hour examination at the end of the Summer Term. Students will be asked to answer four questions: one, compulsory 'gobbet' question based on the prescribed documents and three others from a list of six.

Hy3562

The Manchurian Crisis 1931-1933

Teacher Responsible: Professor I. H. Nish, Room E502 (Secretary, Mrs. M. Bradgate, E492)

Course Intended Primarily for B.Sc. (Econ.) Part II. **Scope:** A detailed survey, based on the study of available original sources, of the international implications of the Sino-Japanese conflict from the Mukden incident (September 1931) to the conclusion of the Tangku truce (May 1933).

Syllabus: The origin of Sino-Japanese conflict in Manchuria and the role of the various powers. The Mukden incident and its military aftermath. China's appeal to the League of Nations and the United States. The Stimson declaration and the Shanghai crisis of 1932. The findings of the Lytton Commission and of the League of Nations.

Pre-Requisites: Some previous knowledge of international relations in this period is desirable but not essential. An interest in the study of historical documents (on which this course is based) is essential.

Teaching Arrangements: Teaching consists of 20 lectures (Hy148) of one hour weekly. Since the number of students is normally small, these are generally given in Room E502.

Written Work: Students will be required to write a number of essays during the course. Subjects for these essays (with accompanying suggested reading) will be handed out at the start of the course.

Reading List: The documentary sources to be consulted during the course are: *Papers Relating to the Foreign Relations of the United States, Japan: 1931-1941*, Vol. 1; *League of Nations: Report of the Commission of Inquiry; Documents on British Foreign Policy, 1919-1939*, 2nd Series, Vols. VIII and IX; S. K. Hornbeck, *The Diplomacy of Frustration*.

Other reading material will be provided during the course of the lectures.

Examination Arrangements: There will be a three-hour formal examination taken in the Summer Term based on the work of the course. The examination paper normally contains one 'gobbet' question, which is compulsory, and six other questions, of which three must be answered.

Hy3565

The League of Nations in Decline 1933-1937

(Not available 1986-87)

Course Intended Primarily for B.Sc. (Econ.) Part II specialists in both International History and International Relations and for others studying social sciences. Its aim is to provide a historical explanation on why the attempt to establish an instrument for crisis management and collective securities and for the promotion of the principle of self-determination founded after the Manchurian crisis of 1932-1933.

Syllabus: A study of the intentions of the founding fathers of the League and of the text of the Covenant; on whether collective security, as provided by the Covenant and the Treaty of Locarno, was workable; on the strength and weaknesses of the League both inside and outside of Europe, especially in the Middle East early in 1933. Considerable emphasis will be laid on the conflict between Italy and the League over Ethiopia in 1935-1936 and on the repercussions on the League caused by the German reoccupation of the Rhineland on 7 March 1933; a short examination will be devoted to the effects of the Spanish civil war and of the emergence of the Rome-Berlin - (Tokyo) Axis on the League in December 1937.

Pre-Requisites: No pre-requisites are required. Students however are provided in class with two full bibliographies, one on the literature directly bearing on the subject; a second, for the course **International History since 1914**.

Teaching Arrangements: Twenty classes (Hy149) throughout the Michaelmas and Lent Terms in E407.

Written Work: Students are required to write two essays of approximately 3,000 words and read class papers.

Prescribed Texts: The text of the Covenant in F. P. Walters, *A History of the League of Nations*, Vol. 1, chap. 1; the text of the Treaty of Locarno a *Survey of International Affairs 1925*, Vol. 1; a selection from

Documents on British Foreign Policy (second series) Vol. XIV; The Private papers of Ulrich von Hassell for February and March 1936 (Xeroxes to be distributed in class). There are also documents which are not prescribed but which are highly recommended "Hitler's letter of 4 December 1932 to Colonel W. von Reichman" (xeroxed), Mussolini's directives to the Italian army of 10 August and 30 December 1934, in A. Adamthwaite, *The Making of the Second World War* (London, 1977).

Select Bibliography

F. P. Walters, *The League of Nations*, 2 Vols.; Ruth Henig, *The League of Nations*; A. Zimmern, *The League of Nations and the Rule of Law*; R. A. C. Parker, 'Britain, France and the Ethiopian Crisis' in *English Historical Review* (London, 1969); K. Hildebrand, *The Foreign Policy of Nazi Germany*; D. Mark Smith, *Mussolini's Roman Empire*; E. M. Robertson, *Mussolini as Empire-Builders*; "Hitler and Sanctions; Mussolini and the Rhineland" in *Ethiopia Studies Review* (No. 4, 1977); F. Hardie, *The Abyssinian Crisis*; G. L. Weinberg, *The Foreign Policy of Nazi Germany*; G. Warner, *Pierre Laval and the Collapse of France*; G. W. Baer, *The Coming of the Italian-Ethiopian War; Test Case*; J. Barros, *Betrayal from Within - Joseph Avenol, Secretary General of the League of Nations 1933-1940*.

Examination Arrangements: There is a formal three-hour paper in the Summer Term. Four questions must be attempted including question one on prescribed documents.

Hy3580

Palmerston, the Cabinet and the European Policy of Great Britain, 1846-1851

Teachers Responsible: Professor K. Bourne, Room E603 (Secretary, Mrs. Susan Shaw, E403) and Dr. R. J. Bullen, Room E506 (Secretary, Mrs. M. Bradgate, E492)

Course Intended Primarily for second and third year B.A. History students.

Scope: A detailed analysis, based on the study of original sources of the formulation and execution of British foreign policy while Palmerston was Foreign Secretary in the first Russell Ministry.

Syllabus: The subject is not intended as a conventional essay in diplomatic history but as an examination of the respective roles of the Foreign Office and Diplomatic Service, the Cabinet, the Crown, the Press and Parliament during a critical period of Foreign Relations.

Pre-Requisites: Some previous knowledge of international relations and of British and European history in the Mid-nineteenth century is desirable. There are no foreign language requirements.

Teaching Arrangements: The course Hy154 will be taught in weekly seminars of approximately one and a half hours each, commencing at the beginning of the Summer Term and extending over three consecutive terms.

Written Work: Each student must expect, according to the numbers in class, to present at least one class paper and tutorial essay or two class papers.

Reading List:

Prescribed Texts and Authorities:

Sir Henry Lytton Bulwer (Lord Dalling), *The Life of Henry John Temple, Viscount Palmerston: with Selections from his Correspondence*, Vol. III, Edited by Evelyn Ashley (London, 1874); Evelyn Ashley, *The Life of Henry John Temple, Viscount Palmerston: 1846-1865. With Selections from his Speeches and Correspondence*, 2 Vols. (London, 1876); G. P. Gooch (Ed.), *The Later Correspondence of Lord John Russell 1840-1878*, 2 Vols. (London, 1925); Arthur Christopher Benson & Viscount Esher (Eds.), *The Letters of Queen Victoria. A Selection from Her Majesty's Correspondence between the years 1837 and 1861*, 3 Vols. (London, 1907); Brian Connell, *Regina v. Palmerston. The Correspondence between Queen Victoria and her Foreign and Prime Minister 1837-1865* (London, 1962); Spencer Walpole, *The Life of Lord John Russell*, 2 Vols. (London, 1889); Lytton Strachey & Roger Fulford (Eds.), *The Greville Memoirs, 1814-1860*, 8 Vols. (London, 1938); A. H. Johnson (Ed.), *The Letters of Charles Greville and Henry Reeve 1836-1865* (London, 1924).

(A list of the relevant pages of the above texts will be supplied to students taking the course.)

Examination Arrangements: The method of examination is one essay of 5,000 words and one three-hour unseen question paper (requiring three answers, one on selected extracts from the prescribed texts and two on general topics).

Hy3583

Japan and the Far Eastern Crisis 1931-41

Teacher Responsible: Professor I. H. Nish, Room E502 in association with Dr. R. L. Sims, SOAS.

Course Intended Primarily for second and third year B.A. History students.

Scope: The course consists of a detailed survey of Japan's politics and foreign policy in the broader context of international relations in the east Asian area. It runs from the Manchurian crisis though special emphasis is placed on the events leading up to the attack on Pearl Harbour.

Syllabus: The course begins with the Manchurian Crisis of 1931-3 and the London Naval Conferences of 1930 and 1935-6. It proceeds to the Sino-Japanese War, the border clashes between Japan and Soviet Union and the Tientsin Crisis. It ends with a detailed discussion of American-Japanese diplomacy in 1940-41.

Pre-Requisites: Some previous knowledge of international relations in the area is desirable but not essential.

Teaching Arrangements: Teaching commences in Summer Term and consists of 30 lectures (Hy155) of 2 hours weekly. Initially teaching will be done at LSE by Professor Nish in Room E502. After 12 sessions, teaching passes to Dr. Sims at SOAS.

Written Work: Students will be required to write at least one essay for each teacher. Subjects for these essays (with accompanying suggested reading) will be handed out.

Reading List: Will be provided during the course of the lectures.

Examination Arrangements: The course will be examined by a three-hour formal examination taken in the Summer Term and an essay of 10,000 words. The examination paper normally contains one 'gobbet' question which is compulsory and 9 other essay-type questions of which candidates must attempt 2 questions.

Hy3586**The Great Powers 1945-54**

Teacher Responsible: Dr. Antony Polonsky, Room E604 (Secretary, Mrs. Vivien Kannor, E402)

Course Intended Primarily for second and third year B.A. History students.

Scope: This special subject covers the period from the break-up of Allied unity from 1945 to the decisions of 1954 which led to the rearmament of the Federal Republic of Germany and its admission to the North Atlantic Treaty Organization. The approach to the subject is global and includes not only the Yalta and Potsdam Conferences, the crises of 1948, the creation of N.A.T.O., the movement towards Western European unity, the politics of the Soviet bloc, and the European Defence Community project, but also problems relating to the Near and Middle East, the formation of the Chinese People's Republic, the Korean War and the crisis in Indo-China. Attention is given also to the role of the United Nations, the Atom and Hydrogen bombs, Western and Soviet strategy and industrial integration in Europe.

Syllabus:**Paper I 1945-1949**

The Yalta and Potsdam conferences. The extension of Soviet influence over Eastern Europe. Greece and the Great Powers 1945-49. The Truman doctrine and the Marshall plan. The Great Powers and the Chinese revolution 1945-1949. The German question 1945-1949. The establishment of Nato in 1949. The role of Atomic weapons in international relations 1945-1949.

Paper II 1950-1954

The origins of the Korean War. The conflict between President Truman and General MacArthur. The effect of President Eisenhower's election on US foreign policy. The consequences of the Korean war. The impact of Stalin's death on Soviet foreign policy. The development of British foreign policy 1950-54. The reasons for the failure of the European Defence Community. The Geneva agreements of 1954. The emergence of China as a Great Power.

Pre-Requisites: Students intending to take this course should also take *either* *The History of Europe since 1800* or *World History from the end of the Nineteenth Century*.

Teaching Arrangements: There will be 10 introductory lectures (Hy156) in the Summer Term. In the Michaelmas and Lent Terms there will be 20 one and a half hour classes.

Compulsory Documents: *The Tehran, Yalta and Potsdam Conference* - Documents (Progress Publishers, Moscow, 1969); *Great Britain: Foreign Office: Select Documents on Germany and the*

Question; U.S. Department of State: United States Relations with China with special reference to the period 1944-1949 (G.P.O. Washington, 1949); *Documents on International Affairs, 1939-1946*, Vol. II (Hitler's Europe), selected and edited by Margaret Carlyle (O.U.P., 1954), Chapter IX, 5 Document ix-xii; *Documents on International Affairs 1947-1948*, selected and edited by Margaret Carlyle (O.U.P., 1952); *Documents on International Affairs, 1949-1950*, selected and edited by Margaret Carlyle (O.U.P., 1953); *Documents on International Affairs, 1951*, selected and edited by Denise Folliot (O.U.P., 1954); *Documents on International Affairs, 1952*, selected and edited by Denise Folliot (O.U.P., 1955); *Documents on International Affairs, 1953*, selected and edited by Denise Folliot (O.U.P., 1956); *Documents on International Affairs, 1954* selected and edited by Denise Folliot (O.U.P., 1957); *The Great Powers and the Polish Question*, A. Polonsky (Ed.), (London, 1976); *The American Diplomatic Revolution*, J. M. Siracusa (Ed.), (Open University, 1978); *The Origins of the Cold War 1941-1947*, Walter La Feber (Ed.), (New York, 1971); *Containment. Documents on American Policy and Strategy 1945-1950*, T. H. Etzold & J. L. Gaddis (Eds.), (New York); *The Beginnings of Communist Rule in Poland*, A. Polonsky & B. Drukier (Eds.), (London, 1980).

Short Reading List:

C. S. Maier (Ed.), *The Origins of Cold War and Contemporary Europe*, London, 1978; Daniel Yergin, *The Shattered Peace*, Boston, 1978; Vojtech Mastny, *Russia's Road to the Cold War*, Columbia, 1979; John L. Gaddis, *The United States and the Origins of the Cold War*, Columbia, 1971; Louis J. Halle, *The Cold War as History*, London, 1967; Gabriel Kolko, *The Politics of War*, London, 1968; Adam Ulam, *Expansion and Coexistence*, London, 1968; W. La Feber, *America, Russia and the Cold War*, New York, 1976; R. Divine, *Since 1945, Politics and Diplomacy in Recent American History*, New York, 1979; M. Macauley (Ed.), *Communist Power in Europe 1944-1949*, London, 1978.

Examination Arrangements: There are two formal three-hour examinations set by the University at the end of the course. Students are required in each paper to answer *one* compulsory question on the prescribed documents and *two* others. Work submitted during the year will be taken into account in the final assessment.

Detailed study guides are not provided for the following courses. Intending students should consult the teachers named below

Hy4409**International History 1815-1870****(Seminar)**

Teacher Responsible: Professor K. Bourne, Room E603

Course Intended Primarily for M.A./M.Sc. International History Paper 1.

Teaching Arrangements: Seminars (Hy163), Sessional.

Hy4412**International History 1870-1914****(Seminar)**

Teacher Responsible: Dr. R. J. Bullen, Room E506

Course Intended Primarily for M.A./M.Sc. International History Paper 1

Teaching Arrangements: Seminars (Hy164), Sessional.

Hy4415**International History 1914-1946****(Seminar)**

Teacher Responsible: Mr. G. A. Grün, Room E600 and Dr. Antony Polonsky, Room E604

Course Intended Primarily for M.A./M.Sc. International History Paper 1

Teaching Arrangements: Seminars (Hy165), Sessional.

Hy4428**Diplomatic Theory and Practice, 1815-1914**

Teacher Responsible: Dr. D. Stevenson, Room E508

Course Intended Primarily for M.A./M.Sc. International History Paper 2

Teaching Arrangements: Twenty lectures and seminars (Hy171), Michaelmas and Lent Terms.

Hy4431**Diplomatic Theory and Practice, 1914-1946**

Teacher Responsible: Mr. G. A. Grün, Room E600

Course Intended Primarily for M.A./M.Sc. International History Paper 2

Teaching Arrangements: To be arranged.

Hy4465**The Polish Question in International Relations, 1815-1864**

Teacher Responsible: Dr. Antony Polonsky, Room E604

Course Intended Primarily for M.A./M.Sc. International History Paper 3

Teaching Arrangements: (Hy186).

Hy4470**Anglo-American Relations, 1815-1872**

Teacher Responsible: Professor K. Bourne, Room E603

Course Intended Primarily for M.A./M.Sc. International History Paper 3

Teaching Arrangements: (Hy188).

Hy4475**The Mehmet Ali Crises, 1833-1841**

(Not available 1986-87)

Course Intended Primarily for M.A./M.Sc. International History Paper 3

Teaching Arrangements: (Hy187).

Hy4481**The Habsburg Monarchy, 1815-1851, with special reference to the Revolutions of 1848**

Teacher Responsible: Dr. A. Sked, Room E503

Course Intended Primarily for M.A./M.Sc. International History.

Teaching Arrangements: (Hy189)

Hy4482**Cobden, Free Trade and Europe, 1846-1882**

Teacher Responsible: Dr. A. C. Howe, Room E507

Course Intended Primarily for M.A./M.Sc. International History.

Teaching Arrangements: (Hy190)

Hy4485**The Coming of War, 1911-1914**

Teacher Responsible: Dr. D. Stevenson, Room E508

Course Intended Primarily for M.A./M.Sc. International History Paper 3

Teaching Arrangements: (Hy194).

Hy4490**The Powers and the West Pacific, 1911-1941**

Teacher Responsible: Professor I. H. Nish, Room E502

Course Intended Primarily for M.A./M.Sc. International History Paper 3

Teaching Arrangements: (Hy193).

Hy4495**The Peace Settlement of 1919-1921**

Teacher Responsible: Mr. G. A. Grün, Room E600

Course Intended Primarily for M.A./M.Sc. International History Paper 3.

Teaching Arrangements: (Hy196).

Hy4500**The Foreign Policy of the Weimar Republic, 1919-1933**

Teacher Responsible: Mr. G. A. Grün, Room E600

Course Intended Primarily for M.A./M.Sc. International History Paper 3.

Teaching Arrangements: (Hy197).

Hy4505**The Military Policies of the Great Powers, 1919-1939**

(Not available 1986-87)

Course Intended Primarily for M.A./M.Sc. International History.

Teaching Arrangements: Fifteen Seminars, Lent and Summer Terms.

Hy4510**The Comintern and its Enemies, 1919-1943**

Teacher Responsible: Dr. Robert Boyce, Room E500
 Course Intended Primarily for M.A./M.Sc.
 International History Paper 3
 Teaching Arrangements: (Hy195).

Hy4515**The Period of Appeasement, 1937-1939**

(Not available 1986-87)
 Course Intended Primarily for M.A./M.Sc.
 International History Paper 3
 Teaching Arrangements: Fifteen seminars (Hy202)
 Lent and Summer Terms.

Hy4520**The European Settlement, 1944-1946**

(Not available 1986-87)
 Course Intended Primarily for M.A./M.Sc.
 International History Paper 3
 Teaching Arrangements: Fifteen Seminars (Hy203)
 Lent and Summer Terms.

Hy4525**International History of East Asia from 1900 (M.A. Area Studies)**

Teacher Responsible Professor I. H. Nish, Room E502
 Course Intended Primarily for M.A. in Area Studies
 (Far Eastern Studies)
 Teaching Arrangements: (Hy225).

Hy4540**European History since 1945**

Teacher Responsible: Dr. A. Sked, Room E503
 Course Intended Primarily for M.Sc. in European Studies
 Teaching Arrangements: Fifteen lectures (Hy241),
 Michaelmas and Lent Terms and classes (Hy241a) in
 the Lent Term.

Hy4575**Anarchism, Movements and Ideas from the 1860s to 1918**

Teacher Responsible: Dr. Antony Polonsky, Room E604
 Course Intended Primarily for M.A. in Area Studies
 (European Studies)
 Teaching Arrangements: Intercollegiate Seminar
 (Hy231), Sessional.

INTERNATIONAL RELATIONS

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence. Unless otherwise stated (Seminar, Workshop, M.Sc. course etc.) these are lecture series and are open to all students. Undergraduate classes, associated with certain lecture series (e.g. IR101a, IR102a), are not included in this list.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
IR101	Structure of International Society Dr. P. G. Taylor	20/ML IR3600
IR102	International Politics — Lecture (undergraduate course) Professor F. Halliday and Mr. M. H. Banks	20/ML IR3700; IR4700
IR104	Concepts and Methods of International Relations Mr. M. H. Banks	10/M IR3700; IR4621; IR4700
IR105	The Foreign Policies of the Powers Various lecturers	30/LS IR3702; IR3770; IR4610; IR4661; IR4660; IR4662; IR4663; IR4750
IR106	Foreign Policy Analysis Dr. C. J. Hill	10/M IR3702; IR4610; IR3781
IR107	Decisions in Foreign Policy Dr. C. Coker and Dr. C. J. Hill	8/L IR3702; IR4610; IR3781
IR108	International Institutions (Not available 1986-87) Mr. N. A. Sims	20/ML IR3703; IR4630; IR3783
IR116	International Communism Mr. G. H. Stern	18/ML IR3770; IR4661
IR117	The External Relations of the People's Republic of China Mr. M. B. Yahuda	10/L IR4662
IR118	New States in World Politics Dr. P. Lyon	10/M IR3700; IR4610; IR4662; IR4663

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
IR119	International Relations in Southern Asia Mr. M. Yahuda	10/M	IR4662
IR120	International Politics of Africa Mr. J. B. L. Mayall	10/ML	IR4663; IR4755
IR121	The Great Powers and the Middle East Mr. P. Windsor and Professor F. Halliday	16/ML	IR4663
IR122	The Politics of Western European Integration Dr. P. G. Taylor	10/M	IR3771; IR4631; IR4751
IR123	The External Relations of the European Community Dr. C. J. Hill	5/L	IR4631; IR4751; IR3771
IR124	International Business in the International System Mr. L. Turner	10/M	IR4641
IR125	Money in the International System Dr. G. Bird and Mr. R. Tooze	15/ML	IR4642
IR135	The International Legal Order Dr. I. Delupis	10/M	IR3750; IR4632
IR136	The Ethics of War Mr. M. D. Donelan	10/M	IR3755
IR137	The Politics of International Economic Relations Mr. M. D. Donelan and Mr. J. B. L. Mayall	10/M	IR3752; IR4640; IR4641; IR3784; IR4643
IR138	Strategic Aspects of International Relations Dr. H. Macdonald	20/ML	IR3754; IR4650; IR3782
IR139	Disarmament and Arms Limitation Mr. N. A. Sims	13/ML	IR139
IR140	International Verification Mr. N. A. Sims	5/L	IR140
IR141	Concepts and Issues in War Studies (post-1945) Professor L. Freedman and others (King's College, Dept. of War Studies)	17/MLS	IR141
IR142	Current Issues in International Relations Seminar Mr. P. Windsor	10/L	IR142
IR151	International Politics — Lecture (M.Sc. IR course) Mr. M. D. Donelan	10/M	IR4600

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
IR152	International Politics — Seminar groups (M.Sc. IR course) Various teachers	10/M	IR4600
IR153	Foreign Policy Analysis — Seminar (M.Sc. IR course) Dr. C. J. Hill and Dr. C. Coker	15/LS	IR4610
IR154	International Political Economy Workshop Dr. G. Sen and Mr. R. Tooze	10/ML	IR154
IR155	Western International Politics — Seminars (i) Western Powers Dr. H. Macdonald and Mr. P. Windsor	15/LS	IR4660
	(ii) Western Europe Dr. H. Macdonald	15/LS	IR4750
IR156	International Politics: the Communist Powers — Seminar (Not available 1986-87) Mr. G. H. Stern	8/LS	IR4661
IR157	Asia and the Pacific in International Relations — Seminar Mr. M. Yahuda	16/LS	IR4662
IR158	Foreign Relations of African States — Seminar Mr. J. B. L. Mayall	15/LS	IR4663; IR4755
IR159	International Relations of the Middle East — Seminar Mr. P. Windsor and Professor F. Halliday	10/LS	IR4663
IR160	International Institutions — Seminar (M.Sc. IR course) Mr. N. A. Sims	13/LS	IR4630
IR161	European Institutions — Seminar (M.Sc. IR course) Dr. P. G. Taylor	15/ML	IR4631
IR162	External Relations of the European Community — Seminar Dr. C. J. Hill	5/L	IR4631; IR4751; IR4750; IR4660
IR164	Concepts and Methods of International Relations — Seminar Mr. M. H. Banks	15/LS	IR4621
IR166	The Politics of International Economic Relations — Seminar (M.Sc. IR course) Mr. M. D. Donelan and Mr. J. B. L. Mayall	10/L	IR4640
IR167	Money in the International System — Seminar Dr. G. Bird and Mr. R. Tooze	15/ML	IR4642

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
IR168	International Business in the International System — Seminar Mr. Louis Turner	15/LS	IR4641
IR169	The International Legal Order — Seminar (M.Sc. IR course) Dr. I. Delupis	10/L	IR4632
IR170	Strategic Studies — Seminar (M.Sc. IR course) Mr. P. Windsor and Dr. H. Macdonald	25/MLS	IR4650
IR171	Disarmament and Verification — Seminar Mr. N. A. Sims	6/S	IR171
IR172	Contemporary Strategic Issues — Seminar Professor L. Freedman, Dr. B. A. Paskins and Dr. W. Mendl (King's College, Dept. of War Studies)	10/ML	IR172
IR173	International Law and Organisation in Latin America and the Caribbean Dr. F. Parkinson	25/MLS	IR4633
IR174	World Politics — Seminar (Diploma course) Professor F. Halliday and Mr. M. H. Banks	25/ML	IR4700
IR175	Politics of International Trade — Seminar (M.Sc. PWE course) Mr. J. B. L. Mayall and Dr. G. Sen	15/ML	IR4643
IR176	International Political Economy — Lecture (M.Sc. PWE course) Professor P. J. D. Wiles	25/ML	IR4639
IR177	International Political Economy — Seminar (M.Sc. PWE course) Professor P. J. D. Wiles, Dr. G. Sen and Mr. R. Tooze	20/ML	IR4639
IR178	Revolutions and the International System Professor F. Halliday	10/L	IR4645
IR179	Revolutions and the International System — Seminar Professor F. Halliday	10/L	IR4645
IR180	International Relations — General Seminar Professor F. Halliday	19/ML	IR180
IR181	International Relations Research Methods Seminar Dr. C. Coker	10/M	IR181
IR182	International Political Theory — Seminar Mr. M. D. Donelan	20/ML	IR182

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
IR183	Interacting Aspects of Security Policy Workshop Dr. C. Coker, Dr. H. Macdonald and Mr. P. Windsor	15/MLS	IR183
IR184	Political Questions in a Philosophical Context — Seminar Mr. A. Smith and Mr. P. Windsor	20/LS	IR184
IR185	Foreign Policy Issues Workshop Dr. C. Coker and Dr. C. J. Hill	15/MLS	IR185
IR186	The History of the Cold War Professor H. Gelber	10/L	IR186
IR187	International Political Economy of Energy Professor P. Odell and Dr. R. Steenblick	12/M	IR4644
IR190	International Organisation Research Seminar Mr. N. A. Sims	8/LS	IR190
IR188	Ocean Politics: Theories and Issues Dr. F. Laursen	10/M	IR4646
IR188	Ocean Politics: Theories and Issues — Seminar Dr. F. Laursen	10/ML	IR4646
IR191	Africa Research Workshop Mr. J. Mayall	15/LS	IR191

Study Guides

Foreign Policies of the Powers

Teacher Responsible: Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for 2nd year B.Sc. (Econ.) International Relations students taking **Foreign Policy Analysis** (IR3702) as a compulsory paper; M.Sc. International Relations students taking the **Foreign Policy Analysis** (IR4610) option; Beaver College (one-term) and other interested students.

Scope: The foreign policies and foreign policy processes of selected major states since 1945, depending on examination requirements and teachers available.

Syllabus: An analysis of the foreign policies of a selected group of major States, with due regard to their respective national interests, external commitments, traditional values and other relevant factors. The role of internal group interests and electoral considerations. Constitutional machinery for the formulation of foreign policy. Diplomatic services and techniques. Illustrative material will be drawn mainly from the post-1945 period.

This year there will be lectures on Britain, the United States, the Soviet Union, France, West Germany, Indonesia, Japan and India.

Pre-Requisites: None.

Teaching Arrangements: A number of individuals from the International Relations and International History Departments, as well as guest lecturers participate in the series, which takes place on Mondays and Fridays at 11 a.m. in the Lent and early Summer Terms. There will be at least twenty-eight lectures in all.

Written Work: See below — **Examination Arrangements**

Reading List:

(a) **The United States:** Stanley Hoffman, *Primacy of World Order*; C. J. Bartlett, *The Rise and Fall of the Pax Americana*; Barry Hughes, *The Domestic Context of American Foreign Policy*; Roger Hilsman, *The Politics of Policy Making in Defense and Foreign Affairs*; Henry Kissinger, *The White House Years*; I. Destler, *Presidents, Bureaucrats and Foreign Policy*; Ernest R. May, *Lessons of the Past; the Use and Misuse of History in American Foreign Policy*.

(b) **The United Kingdom:** F. S. Northedge, *Descent from Power: British Foreign Policy, 1945-1973*; Roy E. Jones, *The Changing Structure of British Foreign Policy*; David Dilks (Ed.), *Retreat from Power* (2 Vols.); F. S. Northedge, *The Troubled Giant*; M. Leifer (Ed.), *Constraints and Adjustments in British Foreign Policy*; R. Boardman and A. J. R. Groom (Eds.), *The Management of Britain's External Relations*; E. Barker, *Britain in a Divided Europe*; U. Kitzinger, *Diplomacy and Persuasion*; A. J. Pierre, *Nuclear Politics*; S. Strange, *Sterling and British Policy*; Paul Kennedy, *The Realities behind Diplomacy. Background Influences on British External Policy, 1865-1980*; W. Wallace, *The Foreign Policy Process in Britain*; N. Henderson, *The Private Office*.

(c) **The Soviet Union:** J. Steele, *World Power*; R. Edmonds, *Soviet Foreign Policy: the Brezhnev Years*;

G. Arbatov & W. Oltmans, *Cold War or Detente: the Soviet viewpoint*; J. F. Triska and D. D. Finley, *Soviet Foreign Policy*; A. B. Ulam, *Expansion and Co-existence*; W. Welch, *American Images of Soviet Foreign Policy*; E. Hoffman and F. Fleron (Eds.), *The Conduct of Soviet Foreign Policy*.

(d) **France:** Edward A. Kolodziej, *French International Policy under de Gaulle and Pompidou*; Herbert Tint, *French Foreign Policy since the Second World War*; Philip Cerny, *The Politics of Grandeur. Ideological Aspects of de Gaulle's Foreign Policy*; W. Wallace and W. Paterson (Eds.), *Foreign Policy-Making in Western Europe*; Jack Hayward, *The One and Indivisible French Republic*; Vincent Wright, *The Government and Politics of France*; Martin Schain and Philip Cerny (Eds.), *French Politics and Public Policy*.

(e) **West Germany:** H. Speier (Ed.), *West German Leadership and Foreign Policy*; A. Grosser, *Germany in our Time*; K. Kaiser and R. Morgan (Eds.), *Great Britain and West Germany: Changing Societies and the Future of Foreign Policy*; R. Morgan, *West Germany's Foreign Policy Agenda*; K. Deutsch and L. Edinger, *Germany Rejoins the Powers*; H. Plessner, *Die verspätete Nation*.

(f) **Indonesia: (not available 1986-87)** G. McT. Kahin, *Nationalism and Revolution in Indonesia*; A. M. Taylor, *Indonesian Independence and the U.N.*; L. H. Palmier, *Indonesia and the Dutch*; J. A. C. Mackie, *Konfrontasi. The Indonesia-Malaysia Dispute, 1963-1966*; Sukarno's Indonesian Revolution; F. B. Weinstein, *Indonesia Abandons Confrontation; Indonesian Foreign Policy and the Dilemma of Dependence*; M. Leifer, *Malacca, Singapore and Indonesia (Vol. II, International Straits of the World)*; M. Leifer, *Indonesia's Foreign Policy*.

(g) **Japan:** E. Wilkinson, *Misunderstanding: Europe vs Japan*; D. C. Hellman, *Japan and East Asia: The New International Order*, F. C. Langdon, *Japan's Foreign Policy*; D. H. Mendel, *The Japanese People and Foreign Policy*; L. Olson, *Japan in Postwar Asia*; J. A. Stockwin, *The Japanese Socialist Party and Neutralism*; M. E. Weinstein, *Japan's Postwar Defence Policy, 1947-1968*.

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** course (IR3702) and the Diploma **Foreign Policy Analysis** course (IR3781) and important background information for Section A in both courses, as well as the whole of the M.Sc. **Foreign Policy Analysis** 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. J. Hill, (Room A232) and Dr. C. Coker, Room A119 (Secretary, Elizabeth Leslie, A229)

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 International

and Comparative Politics, or M.Sc. in International Relations.

Scope: The aim of the course of lectures is to provide case studies of seven major decisions in foreign policy, with particular reference to questions of bureaucratic politics, long-range planning, and behaviour in crisis. **Syllabus:** 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: The British Decision for War, 1939; US Involvement in Vietnam 1956-63; The Camp David Agreement 1978-9; Britain's withdrawal from East of Suez, 1956-74; The Soviet Invasion of Czechoslovakia, 1968; The Making of the Marshall Plan, 1947-8; The American involvement in the Korean War, 1950-1; The Cuban Missile Crisis, 1962; Soviet Intervention in Angola, 1974-6. Conclusions: Comparisons, contrasts, common factors, the utility of foreign policy theory.

Teaching Arrangements: a course of 8 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:** M. Brecher, *Decisions in Crisis*; G. Parry, *Political Elites*; I. Janis, *Victims of Groupthink*; S. Aster, 1939; M. Howard, *The Continental Commitment*; S. Newman, *March 1939: The British Guarantee to Poland*; Z. Brzezinski, *Power and Principle*; J. Carter, *Keeping Faith*; I. Fahmy, *Negotiating for Peace in the Middle East*; P. Darby, *British Defence Policy East of Suez, 1947-1968*; P. Gordon Walker, *The Cabinet* (Revised edn.); H. Wilson, *The Labour Government, 1964-70*; P. Windsor and E. A. Roberts, *Czechoslovakia, 1968*; J. Valenta, *Soviet Intervention in Czechoslovakia, 1968*; J. Maram, *The Angolan Revolution* (Vol. 2); A. Klinghoffer, *The Soviet Union and Angola*; Glenn Paige, *The Korean Decision*; Robert Kennedy, *The Thirteen Days*; Graham Allison, *Essence of Decision*; Phil Williams, *Crisis Management*; Joseph Jones, *The Fifteen Weeks*; J. Gimbel, *The Origins of the Marshall Plan*.

IR117

The External Relations of the People's Republic of China

Teacher Responsible: Mr. M. B. Yahuda, Room A230 (Secretary, Room A229)

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students.

Syllabus: An analysis of the various explanations of the mainsprings of China's foreign policy. Interactions between domestic and external factors. Relations with the Great Powers, the Third World, neighbours and the region. Continuity and discontinuity.

Teaching Arrangements: Ten lectures in the Lent Term (IR117).

Reading List: Recommended reading will be given at the beginning of the course.

IR118

New States in World Politics

Teacher Responsible: Dr. Peter Lyon Institute of Commonwealth Studies (Secretary, Mrs. P. Carpenter 01 580 5876)

Course Intended Primarily for B.Sc. (Econ.) Part II, M.Sc., Dip. Int. & Comp. Pols. & other graduate students.

Scope: 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.

Syllabus: Comparative evaluation of the ways in which new states emerge into independence, 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.

Pre-Requisites: None.

Teaching Arrangements: One lecture course of one lecture a week taught in the Michaelmas Term.

Written Work is not normally required, except for those making special examination arrangements with the teacher responsible (see below).

Basic Reading: Benedict Anderson, *Imagined Communities. Reflections on the Origin and Spread of Nationalism*; D. Apter, *The Politics of Modernisation*; C. E. Black, *The Dynamics of Modernisation*; Hedley Bull (Ed.), *The Expansion of International Society*; P. Calvocoressi, *New States and World Order*; K. W. Deutsch and W. Foltz (Eds.), *Nation-Building*; S. N. Eisenstadt, *Tradition, Change and Modernity*; S. E. Finer, *The Man on Horseback*; C. Geertz (Ed.), *Old Societies and New States*; S. Huntington, *Political Order in Changing Societies*; A. James (Ed.), *The Bases of International Order*; G. H. Jansen, *Afro-Asia and Non-alignment*; E. Kedourie, *Nationalism*; E. Kedourie, *Nationalism in Asia and Africa*; P. Lyon, *Neutralism*; R. Mortimer, *Third World Coalition in International Politics*; D. Rustow, *A World of Nations*; Dudley Seers, *The Political Economy of Nationalism*; E. Shils, *Political Development in the New States*; E. Shils, *Center and Periphery: Essays in Macrosociology*; H. Seton-Watson, *States and Nations*.

Further reading can be provided as the course proceeds.

Examination Arrangements: Normally there is no examination, but special arrangements for one three-hour formal written examination (three questions to be answered out of ten) or for a general essay may be made by agreement with the teacher responsible.

IR123

External Relations of the European Community

Teacher Responsible: Dr. C. Hill, Room A232 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for M.Sc. European Studies students taking The Politics of West European Institutions or International Politics of Western Europe

papers. M.Sc. International Relations students taking International Politics: the Western Powers; also any M.Sc. and B.Sc. students taking European Institutions; and all other interested students.

Teaching Arrangements: There will be five lectures in the first five weeks of the Lent Term, followed by five seminars. These lectures and seminars (IR162) are designed to provide part of the coursework for the examination papers mentioned above, and are only examinable as part of such courses. They are not available as a self-contained course for General Course students.

Scope: The aim of the course is to cover the external activities of the European Communities and their member states since 1957. This includes both activities deriving from the Treaties and traditional, informal methods of national diplomacy, in a steadily more collaborative framework.

Syllabus: 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.

Written Work: In line with the above remarks about the subordination of these lectures and seminars to broader courses, there will be no required written work. However, students may discuss their particular needs with Dr. Hill.

Basic Reading List: R. C. Hine, *The Political Economy of European Trade*, Brighton, Wheatsheaf, 1985; J. Lodge (Ed.), *Institutions and Policies of the European Community*, (Part III), London, Frances Pinter, 1983; Loukas Tsoukalis (Ed.), *The European Community: Past, Present and Future*, Basil Blackwell, 1983 (reprinted from the *Journal of Common Market Studies*); Kenneth Twitchett (Ed.), *Europe and the World: The External Relations of the Common Market*, Europa, 1976; David Allen, Reinhard Rummel & Wolfgang Wessels, *European Political Cooperation*, London, Butterworths, 1982; Christopher Hill (Ed.), *National Foreign Policies and European Political Cooperation*, London, George Allen & Unwin, 1983.

Examination Arrangements: There is no specific examination arising out of these lectures and seminars but the material is examined in parts of the courses mentioned above.

IR139

Disarmament and Arms Limitation

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for all students interested.

Scope: These lectures seek to identify and explore the essential problems of disarmament and arms limitation, and the patterns of diplomacy and discourse they have generated; and to show how they relate to the central concerns of International Relations.

Syllabus: Sequences of diplomacy, functions of the United Nations and contributions of treaties in the international discourse of disarmament. Changing conceptions of disarmament and arms limitation; the history and effect of negotiations in these matters; global and regional approaches; confidence- and security-building measures; unilateral, bilateral and multilateral modes and their interaction; the control of nuclear testing and nuclear proliferation; agreements on seabed arms control and on chemical and biological weapons. The review conference as a feature of treaty régimes. Negotiations and proposals for new treaties. The political, economic, legal, institutional and intellectual context of disarmament and arms limitation. Prohibitions and restraints in the conduct of war; relationships between assimilation of weapons, modes of warfare, international humanitarian law of armed conflict, and the diplomacy of disarmament. Deterrence and the ethics of conditional intention. 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: 13 lectures, Michaelmas and Lent Terms, starting 3rd week (20 October 1986).

Written Work: None.

Reading List: S. D. Bailey, *Prohibitions and Restraints in War*; F. Barnaby and G. P. Thomas (Eds.), *The Nuclear Arms Race: Control or Catastrophe?*; L. Beaton, *The Reform of Power*; A. Beker, *Disarmament Without Order: The Politics of Disarmament at the United Nations*; G. Best, *Humanity in Warfare*; C. D. Blacker and G. Duffy (Eds.) for the Stanford Arms Control Group, *International Arms Control* (2nd edn); H. G. Brauch & D. L. Clarke (Eds.), *Decisionmaking for Arms Limitation*; H. Bull, *The Control of the Arms Race*; A. Carter (Ed.), *Unilateral Disarmament*; D. L. Clarke, *The Politics of Arms Control*; J. Dahliz, *Nuclear Arms Control*; W. Epstein, *The Last Chance: Nuclear Proliferation and Arms Control*; G. Fischer, *The Non-Proliferation of Nuclear Weapons*; L. Freedman, *Arms Control in Europe*; J. Garnett (Ed.), *Theories of Peace and Security*; J. Goldblat (For SIPRI), *Agreements for Arms Control*; G. L. Goodwin (Ed.), *Ethics and Nuclear Deterrence*; A. Gottlieb, *Disarmament and International Law*; J. T. Johnson, *Can Modern War Be Just?*; W. H. Kincaid and J. D. Porro (Eds.), *Negotiating Security: An Arms Control Reader*; E. Luard (Ed.), *First Steps to Disarmament*; E. C. Luck (Ed.), *Arms Control: The Multilateral Alternative*; A. McKnight and K. Suter, *The Forgotten Treaties*; S. de Madariaga, *Disarmament*; M. Meselson (Ed.), *Chemical Weapons and Chemical Arms Control*; J. F. Murphy, *The United Nations and the Control of International Violence: A Legal and Political Analysis*; A. Myrdal, *The Game of Disarmament*; R. Neild, *How to Make Up Your Mind About the Bomb*; P. J. Noel-Baker, *The Arms Race*; J. O'Connor Howe (Ed.), *Armed Peace*; C. E. Osgood, *An Alternative to War or Surrender*; A. J. Pierre, *The Global Politics of Arms Sales*; A. Roberts and R. K. Guelff, *Documents on the Laws of War*; M. Sheehan, *The Arms Race*; N.

A. Sims, *Approaches to Disarmament* (rev. edn.); N. A. Sims, *The Diplomacy of Biological Disarmament*; Stockholm International Peace Research Institute, *SIPRI Yearbook of World Armaments and Disarmament*; R. W. Terchek, *The Making of the Test Ban Treaty*; P. Wallenstein (Ed.), *Experiences in Disarmament*; Sir Michael Wright, *Disarm and Verify*; E. Young, *A Farewell to Arms Control?*; in addition certain journalistic accounts may be warmly recommended as filling gaps in the scholarly literature: recent examples are S. Talbot, *Deadly Gambits: The Reagan Administration and the Deadlock in Nuclear Arms Control*; R. Harris and J. Paxman, *A Higher Form of Killing: The Secret Story of Germ Warfare*. 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 Library's Offprint Collection, 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

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for all students interested.

Scope: 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.

Syllabus: The nature of international verification and related concepts, including control, detection, inspection, investigation, safeguards and supervision. The relationship between confidence, credibility and arrangements for verification of compliance with treaty obligations. The social and legal bases of compliance. Problems of the Domestic Analogy in International Relations, applied to the conceptual vocabulary of verification. The changing debate over verification of disarmament and arms control agreements: certainty and probability; recent developments in complaint and consultation procedures; national and international controls. Concepts of compliance diplomacy: the adversarial and co-operative modes contrasted. Disarmament and arms control verification compared with verification arrangements in selected sectors of the United Nations system: the experience of Specialised Agencies and other inter-governmental organisations. 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 over the preceding term and a half. Some familiarity

with the elements of international organisation, in particular the United Nations system, is also expected.

Teaching Arrangements: 5 lectures, Lent Term, starting 6th week (16 February 1987).

Written Work: None.

Reading List: J. Alford, *The Future of Arms Control, Part III: Confidence-Building Measures*; R. J. Barnett and R. A. Falk (Eds.), *Security in Disarmament*; I. Bellamy & C. D. Blacker (Eds.), *The Verification of Arms Control Agreements*; L. Freedman, *US Intelligence and the Soviet Strategic Threat*; A. Karkoszka (for SIPRI), *Strategic Disarmament, Verification, and National Security*; E. A. Landy, *The Effectiveness of International Supervision*; A. McKnight, *Atomic Safeguards: a Study in International Verification*; S. Melman (Ed.), *Inspection for Disarmament*; J. P. Perry Robinson, *Chemical Warfare Arms Control*; W. C. Potter (Ed.), *Verification and SALT: The Challenge of Strategic Deception*; N. A. Sims, *The Diplomacy of Biological Disarmament*; Stockholm International Peace Research Institute, *Chemical Disarmament: Some Problems of Verification*; Sir Michael Wright, *Disarm and Verify*; O. R. Young, *Compliance and Public Authority*; W. Young, *Existing Mechanisms of Arms Control*.

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)

Teachers Responsible: Professor Freedman, Dr. Mendl, and Dr. Paskins.

Course Intended Primarily for M.Sc.

Syllabus: Basic strategic, ethical and civil-military relations concepts. Issues in the Nuremberg 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. Disarmament, defensive strategies and other unorthodoxies.

Teaching Arrangements: 22 lectures (IR141), Sessional at King's College.

IR142

Current Issues in International Relations (Seminar)

Teacher Responsible: Mr. P. Windsor, Room A120 (Secretary, Anna Morgan, A229)

Course Intended for M.Sc. and B.Sc. students specialising in International Relations as well as students taking the Diploma in International and Comparative Politics.

Scope: 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.

IR154

International Political Economy Workshop

Teachers Responsible: Dr. Gautam Sen and Mr. Roger Tooze (Secretary, A139)

Course Intended for research students only.

IR171

Disarmament and Verification Seminar

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for all students interested.

Scope: 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.

Syllabus: None.

Pre-Requisites: The seminar is intended to complement the lecture series IR139 and IR140, which students will find it an advantage to have attended over the two preceding terms.

Teaching Arrangements: 6 Summer Term.

Written Work: None.

Reading List: None.

IR172

Contemporary Strategic Issues

Teachers Responsible: Professor Freedman, Dr. Paskins and Dr. Mendl.

Course Intended Primarily for research students.

Teaching Arrangements: Seminars (IR172) fortnightly, Michaelmas and Lent Terms at King's College. Availability to L.S.E. students subject to sufficient space on the course. Students should apply direct to the Department of War Studies, King's College.

IR180

General International Relations Seminar

Course Intended Primarily for research students.

Teaching Arrangements: Programme of discussions to be announced.

IR181

International Relations Research Seminar

Teacher Responsible: Dr. Christopher Coker, Room A119 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for first-year research students.

IR182

International Political Theory

Teacher Responsible: Mr. M. D. Donelan, Room A135 (Secretary, Anna Morgan, A229)

Course Intended Primarily for staff and for interested research and Master's students by invitation.

Teaching Arrangements: Seminars (IR182), weekly, Michaelmas and Lent Terms.

IR183

Interacting Aspects of Security Policy – Workshop

Teachers Responsible: Dr. Christopher Coker, Room A119, Dr. Hugh Macdonald, Room A236 and Philip Windsor, Room A120 (Secretary, Anna Morgan, A229)

Course Intended Primarily for research students. The workshop will meet either weekly or fortnightly by arrangement during Lent and Summer Terms, 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.

IR184

Political Questions in a Philosophical Context

Teachers Responsible: Mr. Andrew Smith, and Mr. Philip Windsor, Room A120 (Secretary, Anna Morgan, A229)

Course Intended Primarily for members of staff and graduate students by invitation.

Teaching Arrangements: Seminars (IR187) Lent and Summer Terms.

IR185

Foreign Policy Issues Workshop

Teachers Responsible: Dr. Christopher Coker, Room A119 and Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A229)

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.

IR190

International Organisation Research Seminar

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for academic staff and research students.

Scope: The purpose of this Research Seminar is to enable research students and staff with interests in International Organisation, whether global or regional, to share their ideas and findings and gain mutual encouragement through regular meetings.

Syllabus: None.

Pre-Requisites: None.

Teaching Arrangements: Fortnightly meetings, 5 Lent Term, 3 Summer Term.

Written Work: None.

Reading List: None.

IR191

Africa Research Workshop

Teacher Responsible: Mr. J. B. L. Mayall, Room A234 (Secretary Anna Morgan, A229)

Course Intended Primarily for interested research students and staff.

IR3600

The Structure of International Society

Teacher Responsible: Dr. P. Taylor, Room A129 (Secretary, Anna Morgan, A229)

Course Intended Primarily for B.Sc. (Econ.) Part I

Scope: The aim of the course is to introduce students to the nature of a society of states distinguished by the absence of a common government.

Syllabus: Justification for the use of the term 'society' to describe the collectivity of states. Sovereignty as the basis of international society. International law and diplomacy as pre-requisites for the conduct of orderly relations between states.

The significance of the concept of national interest.

The nature of international politics – the balance of power; the threat and use of force in contemporary international relations. Other ways in which foreign policy is executed.

Neutrality as an option for states. The current importance of nationalism and imperialism. International communism. The impact of underdevelopment on international politics. Disarmament and the pacific settlement of disputes. The search for security: attempts at integration and the role of the U.N.

Teaching Arrangements: There is one lecture course accompanied by a class.

Lectures – IR101, *The Structure of International Society*, 20 Michaelmas and Lent Terms.

Classes: IR101a beginning early Michaelmas – with members of the International Relations Department.

Written Work: Each student is required to write four essays of approximately 1,500 words which will be set and marked by class teachers.

Introductory Reading List: A fuller course description and extensive reading guide will be made available to all interested students.

Joseph Frankel, *International Relations in a Changing World*; P. A. Reynolds, *An Introduction to International Relations*; F. S. Northedge, *The International Political System*; J. W. Burton, *World Society*; P. Calvocoressi, *World Politics since 1945*.

Examination Arrangements: There is one three-hour formal written examination in the Summer Term. The paper contains twelve questions of which four are to be

answered. All questions count equally; there is no course work component. Copies of previous years papers are included in the fuller course description.

IR3700

International Politics

Teacher Responsible: Professor Fred Halliday, Room A136 (Secretary, Room A139)

Course Intended Primarily for B.Sc. (Econ.) Part II International Relations specialists; B.A./B.Sc. c.u. The lectures (IR102) are also appropriate for those M.Sc. and Diploma students who wish to strengthen their background in this field.

Scope: This is the core field for specialists in international relations, combining an emphasis on political aspects of the subject with a general survey of international relations as a whole.

Syllabus: Ways of theorising international relations.

The emergence and organisation of the modern system of sovereign states. The political process in the international community and contemporary thought on its character and functioning. The means of pressure and forms of political relationship between states. The dynamic aspect: revolutionary movements, the external projection of political values and the changing distribution of power and leadership. War, mechanisms for ensuring stability, and agencies for directed change.

Pre-Requisites: None, although B.Sc. (Econ.) specialists are encouraged to have taken *Structure of International Society* at Part I of their degree.

Teaching Arrangements: There are twenty lectures (IR102 and IR104) given by Professor Halliday in the Michaelmas and Mr. Banks in the Lent Term. For B.Sc. (Econ.) and General Course students, there are also fifteen classes, beginning in the first week of the Michaelmas Term (IR102a).

Written Work: B.Sc. (Econ.) and General Course students will each be assigned three essays to be discussed with their class teacher. Diploma students will be assigned written work within their seminar groups.

Readings: M. Smith *et alii*, (Eds.), *Perspectives on World Politics*; H. Bull, *The Anarchical Society*; K. J. Holsti, *International Politics* (4th edn., 1983); P. Calvocoressi, *World Politics Since 1945* (4th edn.).

Supplementary Materials: At the first lecture, a course package will be provided, covering detailed reading guidance, sample examination questions, suggested essay titles, topics for class discussion and topics for class discussion and topics for each lecture.

Examination Arrangements: There will be a 3-hour examination paper in late May or early June which requires that four questions be answered out of twelve.

IR3702

Foreign Policy Analysis

Teacher Responsible: Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for B.Sc. (Econ.) 3rd Year I.R. specialists.

Scope: 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.

Syllabus: 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 the 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: I.R. students can only take this course in their 3rd year. General Course students do not need any special advance knowledge to choose this as an optional course, but should be aware that B.Sc. (Econ.) students normally spread the various lecture courses over two years (see below).

Teaching Arrangements: All students are advised to attend lecture series IR106 *Foreign Policy Analysis* and IR107 *Decisions in Foreign Policy* which are given by Dr. Hill and Dr. Coker consecutively during Michaelmas and Lent Terms. 3rd year undergraduates should have attended in their second year as many of IR105 *The Foreign Policies of the Powers* (various lectures) as possible. Other relevant lectures will be announced from time to time. Separate classes (IR106a), with around 12 students in each, will be arranged with the participation of other members of the department.

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. Marking arrangements are as follows: Hand in your essays on the appointed dates to your class teachers who will mark and return them. Other essays to be done either for your tutor, or class teacher, by mutual agreement.

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* (5th edn.), Prentice Hall, 1976; 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.), *An Introduction to Foreign Policy Analysis*, Hesketh, 1981. Also highly recommended are: Stephen Ambrose, *Rise to Globalism* (2nd edn.), Penguin, 1979; Kal Holsti, *International Politics: A Framework for Analysis* (4th edn.), Prentice Hall, 1983; Paul Kennedy, *The Realities behind Diplomacy: Background Influences on British External Policy, 1865-1980*, Fontana, 1981; J. L. Noguee & R. H. Donaldson, *Soviet Foreign Policy Since World War II*, Pergamon, 1981; James Rosenau, *The Scientific Study of Foreign Policy* (2nd edn.), Frances Pinter, 1980; James Barber and Michael Smith (Eds.), *The Nature of Foreign Policy: A Reader*, Holmes MacDougall and Open University Press, 1974. **Examination Arrangements:** A 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 U.K., U.S.A., and U.S.S.R.). One question must be answered from each section. All students have to answer 4 questions in all. Copies of previous years' papers, together with lecture and class topics, deadlines, and further references, are provided in a separate handout.

IR3703

International Institutions

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for B.Sc. (Econ.) Part II, compulsory for IR Specialists, optional for others.

Scope: Elements of international organisation: its theory and practice studied through the experience of selected international institutions. (Note: *European Institutions* are studied as a separate course, IR3771.)

Syllabus: International organisation as a dimension of international relations, and as a higher stage of conference diplomacy. Patterns of international organisation and types of international institutions: global, regional and other. Institutions as arenas of conflict, frameworks for co-operation, and putative actors on the international stage. Constitutions, procedures and institutional dynamics, with particular reference to the structure and functioning of the League of Nations, organisations of the United Nations and Commonwealth systems, and selected regional (including military alliance) organisations.

Supranational and universalist aspirations, versus the persistence of intergovernmentalism in the tradition of conference diplomacy. Secretariats and Executive Heads: the special problems of international public administration, and the politics of institutional influence. Notions of collective security, global resource management, common heritage, regime-building, sovereign equality, development, justice and world order as alternative organising principles of international institutions. The impact of the international political system on international institutions; the place of those institutions in the foreign policies of states; the interaction of institutions and law in international society. The proliferation of institutions and the growth of multilateral diplomacy. The intellectual challenges of international organisation. The impact of international organisation on the practice of diplomacy and on the structure and texture of international relations.

Pre-Requisites: IR students take this course in their second year, though the examination can be taken in either 2nd or 3rd year.

Teaching Arrangements: Lecture series (IR108), Classes (IR108a). There will be 20 lectures, starting in the Michaelmas Term and 15 classes, starting in week 6 of the Michaelmas Term continuing to the end of the Lent Term.

Written Work: Students are expected to write 3 essays on subjects which may be chosen from the list provided. Class teachers will set and mark the essays, and provide additional bibliography.

Reading List: See entry under IR4639, which will be supplemented as necessary in the course literature, in recognition of the wider syllabus for IR3703.

Examination Arrangements: There will be a three-hour written examination in the Summer Term: four questions chosen from twelve. Copies of previous examination papers are provided in a separate handout.

IR3750 IR4632

The International Legal Order

Teacher Responsible: Dr. I. Delupis, Room A235 (Secretary, Anna Morgan, A229)

Course Intended Primarily for B.Sc. (Econ.) Part II and M.Sc. International Relations.

Scope: The aim of the course is to introduce students to the nature and function of international law in the international community.

Syllabus: The distinctive nature of international law; its impact in foreign relations; the basis of legal obligation; ideology in international law; unequal treaties, enforcement and sanctions; the United Nations in international law; law making by international organisations; law of war and armed conflict; liberation movements and guerilla warfare. Certain disorders: terrorism, hi-jacking, espionage; the international.

Pre-Requisites: No previous knowledge required.

Teaching Arrangements: There is one course (IR135) of ten lectures in the Michaelmas Term and 10 classes (IR135a) for undergraduates in the Lent Term and 10 seminars (IR169) for graduates in the Lent Term.

Reading List: 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*; Delupis, *International Law and the Independent State*; Detter, *Law Making by International Organizations*; Higgins, *Conflict of Interests: International Law in a Divided World*; Bin Cheng (Ed.), *International Law: Teaching & Practice*. **Examination Arrangements:** One three-hour written examination paper in the Summer Term.

IR3752

The Politics of International Economic Relations

Teachers Responsible: Mr. M. D. Donelan, Room A135 and Mr. J. B. L. Mayall, Room A234 (Secretary, Anna Morgan, A229)

Course Intended Primarily for B.Sc. (Econ.) Part II 3rd year.

Syllabus: The syllabus for the course is:

(i) The economic factor in foreign policy. The economic ambitions of states. Economic causes of war. Peace-making and peace-keeping. Economic resources for foreign policy. Economic instruments.

(ii) The development of thought about the relationship between international politics and the international economy. Mercantilism, Laissez-faire and economic nationalism. 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: J. Spero, *The Politics of International Economic Relations*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; R. L. Heilbroner, *The Worldly Philosophers*.

A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, four questions chosen from twelve. Past examination papers may be seen in the Teaching Library.

IR3754 IR3782 IR4650

Strategic Aspects of International Relations

Strategic Studies

Teacher Responsible: Dr. Hugh Macdonald, Room A236 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for B.Sc. (Econ.) XIII International Relations 3rd Year (Papers 5 & 6 (e)). Diploma in International and Comparative Politics. M.Sc. International Relations (Papers 2 & 3 (f)).

Scope: 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.

Syllabus: 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 of nuclear 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) (20 Michaelmas and Lent Terms) is followed by classes for B.Sc. (Econ.) 3rd year (138a), (15 Lent and Summer Terms), and by seminars for Diploma in International and Comparative Politics, (17 Lent and Summer Terms). For M.Sc. students a seminar (IR170), (25 Sessional) is held weekly through most of the year. Classes are taught by Mr. Philip Windsor, (Room A120), Dr. Macdonald, (Room A236) and others. The M.Sc. seminar is run jointly by Mr. Windsor and Dr. Macdonald. Topics covered in classes and seminars will vary according to the level of

teaching. The scope of teaching for each examination will be coordinated among individual teachers, who will make their own arrangements for informing students at the beginning of classes or seminars. In practice the majority of taught topics will be on strategic aspects of postwar international relations and examination papers will reflect this. Related lectures and seminar courses (IR139, IR140, IR171) on **Disarmament and Arms Limitation** and on **International Verification** are run by **Mr. Nicholas Sims** (Room A231). 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 class and 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.

H. Adomeit, *Soviet Risk Taking and Crisis Behaviour*; R. Aron, *Clausewitz: Philosopher of War; Peace and War*; G. Best, *War and Society in Revolutionary Europe*; B. Brodie, *Strategy in the Missile Age; War and Politics*; S. Brown, *Faces of Power (2nd edn.)*; H. Bull (Ed.), *Intervention in World Politics*; H. Bull, *The Control of the Arms Race*; C. M. Clausewitz, *On War* (Ed. by M. Howard & P. Paret); A. W. De Porte, *Europe between the Superpowers*, L. Freedman, *The Evolution of Nuclear Strategy*, J. L. Gaddis, *Strategies of Containment*; A. Grosser, *The Western Alliance*, M. H. Halperin, *Limited War in the Nuclear Age*; P. Hanson, *Trade and Technology in Soviet-Western Relations*; P. Hanson & K. Dawisha (Eds.), *Soviet-East European Dilemmas*; D. Holloway, *The Soviet Union and the Arms Race*; D. Holloway & J. Sharp (Eds.), *The Warsaw Pact: Alliance in Transition*; M. E. Howard, *Clausewitz: War and the Liberal Conscience; War in European History*; G. Kennedy, *Defense Economics*; D. Leebaert (Ed.), *Soviet Military Thinking*; W. H. McNeill, *Pursuit of Power*; F. M. Osanka, *Modern Guerrilla Warfare*; R. E. Osgood, *Limited War Revisited*; M. Pearton, *The Knowledgeable State*; A. J. Pierre, *The Global Politics of Arms Sales*; T. C. Schelling, *Arms and Influence*; *S. Talbot, *Deadly Gambits*; A. Ulam, *Dangerous Relations*; P. Windsor, *Germany and the Management of Detente*.

Examination Arrangements: For all students (except General Course students, who may elect) there are three-hour formal examinations held in Summer Term. For B.Sc. (Econ.) four questions must be answered from twelve or more. For M.Sc. and Diploma in International and Comparative Politics, three questions must be answered from twelve or more. Examples of recent past examination papers will be appended to the reading list.

The Ethics of War

Teacher Responsible: Mr. M. D. Donelan, Room A135 (Secretary, Anna Morgan, A229)

Course Intended Primarily for B.Sc. (Econ.) Part II 3rd year.

Syllabus: The beginnings of the ethical tradition: the right to go to war. Conditions governing the right. The pacifist challenge to the ethics of war. The realist challenge. Political control and economy of force as a substitute for ethics. The development of rules of warfare, Geneva and the Hague. The basis of the rules: innocence and guilt, humanity and necessity. Ethical principles of warfare; discrimination, proportion, minimum force. Guerrilla warfare. The ethics of nuclear deterrence. Terrorism. The justification of the arms trade. World armaments and world poverty.

Teaching Arrangements and Written Work: Lectures, IR136; Classes, IR136a. Students deliver class papers and write essays for the class teacher on topics notified at the beginning of the session.

Reading List: The basic books are: G. Best, *Humanity in Warfare*; G. Goodwin (Ed.), *Ethics and Nuclear Deterrence*; M. Howard (Ed.), *Restraints on War*.

A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, four questions chosen from twelve.

IR3755

IR3770

IR4661

International Communism

International Politics: The Communist Powers

(Not available 1986-87)

Teacher Responsible: Geoffrey Stern, Room A140 (Secretary, Anna Morgan, A229)

Course Intended Primarily for M.Sc. students specialising in the *Communist Powers*, but it is also designed for B.Sc. students intending to take **International Communism** as an approved subject.

Scope: 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 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 lecture begins with a brief examination of relevant theories.

Syllabus: International implications of the Bolshevik Revolution of 1917. The development of Communist parties, factions and fronts in Europe, Asia, the Middle East, Latin America and elsewhere: their inter-relationships and their degree of sensitivity to changes in Soviet domestic and foreign policies. The institutional structure of the Comintern, Cominform, Comecon and the Warsaw Pact: the effectiveness of those organisations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

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 of the **Communist Powers** 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 start in the second half of the Michaelmas Term and continue into Lent and Summer. Additionally, students may find it useful to attend seminars on **Soviet & East European Politics** which are held throughout the Michaelmas and Lent terms on Tuesdays in Room A40. These are under the aegis of the Government Department and students may contact Anne Kennedy in Room L301 for details.

A programme of 8 seminars on the **Communist Powers** (IR156) dealing exclusively with ruling parties will be held in the Lent and Summer Terms. These will meet fortnightly in the Lent Term and weekly in the Summer Term.

No class paper or other written work is involved, but students may submit essays on relevant topics to their supervisor.

Lecture Topics:

1. *The subsystem.* 'International Communism' defined, following an analysis of what 'Communism' means in theory and how Marxist-Leninist states operate in practice. Political, economic and social structures in the Communist-ruled states. An analysis of inter-Communist conflicts and their implications.

2. *The Marxist foundation.* A brief examination of the key concepts of Marx and Engels. Diverse trends in Marxist thought and organisation prior to the first world war and their relevance to an understanding of inter-Communist relations.

3. *The Leninist edifice.* Menshevism and Bolshevism examined in context. Lenin's concept of the Vanguard party and of 'democratic centralism'. His adaptation and transformation of Marxism in attempting to apply it to a predominately peasant, under-capitalised society.

4. *The revolution ebbs.* The political, social and economic consequences of attempting to implement a Socialist programme in a country lacking many of the prerequisites and at a time when revolutionary hopes in Germany, Hungary, Austria and the 'colonies' and 'semicolony' are fading. The notion of 'peaceful coexistence'.

5. *Socialism in one country.* An assessment of the political and ideological implications of the policy both for the Soviet Union and the members of the Comintern. The restructuring of the Comintern including the 'bolshevisation' of the Sections and the policies they are called upon to pursue. The United Front in China, Britain and elsewhere and the repercussions on international Communism of the 'class against class' policy.

6. *From 'class against class' to the Popular Front.* Implications of the Comintern's changes of line on the Communist movement in general and on the Soviet, German, Chinese, French and Spanish parties in particular.

7. *The Nazi-Soviet pact.* Analysis of the origins, aftermath and implications of the pact. Communist policy in the occupied and unoccupied territories.

8. *'Socialist patriotism'.* From Great Patriotic War – Communist tribulations and triumphs to the creation of a 'Socialist zone' in Eastern Europe and East Asia. The Cominform and the disappearance of the short-lived concept of 'the national road to Socialism'. The notion of 'proletarian/Socialist internationalism'.

9. *The Communist monolith and the 'weak link'.* A case by case study of the economic and political impact of Stalinism in Eastern Europe and beyond. The implications of Yugoslavia's break with Moscow and of the victory of the Chinese Communist Party.

10. *Destalinisation and revolt.* The death of Stalin and its impact in Russia, Eastern Europe and the wider Communist fraternity. The process of destalinisation and the unsettling effect in Eastern Europe, China and beyond of Khrushchev's attack on Stalin and his revisions of accepted doctrine. The turmoil in Poland and Hungary compared and contrasted. The significance of the use in East Germany and Hungary of the Red Army.

11/12. *Eastern Europe since 1956.* Case studies illustrating the polycentric character of the area and the reasons for diversity.

13. *COMECON.* History, problems and prospects.

14. *The Warsaw Pact.* History, problems and prospects.

15. *Mao and the Chinese road to Socialism.* The Maoist contribution to revolutionary theory and practice 1927–1954. China 'leans to one side'. The repercussions of the Korean War.

16. *The Sino-Soviet dispute.* The multifaceted nature of the conflict – historical, territorial, geopolitical, ideological, etc. The balance of power and the American dimension. The repercussions of the dispute in polarising Communist sympathies in Indochina, Mongolia and elsewhere.

17. *Cuba.* The rise and decline of a distinctive Socialist model. Cuba as a centre of Afro-American and of Hispanic Marxism-Leninism. Havana's role in Africa and relations with Moscow.

18. *Marxism-Leninism. Nationalist or Internationalist?* Ruling and non-ruling parties: their priorities and preoccupations. The challenge of 'Eurocommunism' and of 'the New Left'. The absence of an agreed centre or of a universal inter-Communist organisation. Theoretical and practical problems. Prospects.

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 & P. Hanson (Eds.), *Soviet-East European Dilemmas*; E. Fejto, *A History of the People's Democracies*; K. Grzybowski, *The Socialist Commonwealth of Nations*; C. Jacobsen, *Sino-Soviet Relations since Mao*; M. McCauley (Ed.), *Communist Power in Europe 1944–49*; O. Narkiewicz, *Marxism and the Reality of Power*; T. Rakowska-Harmstone (Ed.), *Communism in Eastern Europe*; H.

Schwartz, *Tsars, Mandarins and Commissars*; B. Szajkowski, *Marxist Governments*; R. Tucker, *The Marxian Revolutionary Idea*; M. Waller, *The Language of Communism*; P. Wiles (Ed.), *The New Communist Third World*.

Examination Arrangements: For M.Sc. students taking the Communist Powers option 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 material arising out of the lecture course and seminar.

IR3771
IR4631
IR4751

European Institutions

Teacher Responsible: Dr. P. G. Taylor, Room A129 (Secretary, Anna Morgan, A229)

Course Intended Primarily for B.Sc. (Econ.) Part II; M.Sc. International Relations and M.Sc. European Studies; optional for Diploma in International and Comparative Politics.

Scope: The lecture course focuses upon the progress and problems of regional integration in Western Europe since 1945.

Syllabus: The emergence of the European Communities: the European idea; the dynamics of integration. The institutions: structure and policy-making processes (O.E.E.C.-O.E.C.D., Council of Europe, the E.E.C. and E.C.S.C.). The impact of the institutions upon state policy. Theoretical aspects: the notion of supranationality. The Federalist, the Confederalist and the Functionalist 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: IR students may take this course in their 3rd or 2nd year, depending upon timetabling constraints. 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 the lectures (IR122) seven classes (IR122a) for undergraduates are arranged for the Lent Term. For postgraduate students there are 15 meetings of a Seminar (IR161) for International Relations and European Studies specialists and other postgraduate students, in Michaelmas and Lent Terms, for which there is a separate hand-out. M.Sc. students also attend lectures and seminars (IR123) and (IR162).

Written Work: Four undergraduate essays are allocated in class. For postgraduate subjects 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, 1984; Hugh Arbuthnot & Geoffrey Edwards, *A Common Man's Guide to the Common Market*, Macmillan, 1978; Juliet Lodge (Ed.), *Institutions and Policies in the European Community*, Pinter, 1983; W. Wallace, H. Wallace & Carole Webb, *Policy Making in the European Community*, Wiley, 2nd edn., 1983.

Examination Arrangements: There will be a three hour written examination for undergraduates in late May or early June. The paper for postgraduates will be in June, and is called European Institutions for M.Sc. International Relations and The Politics of Western European Integration for European Studies M.Sc. students and others.

IR3781

Foreign Policy Analysis

Teacher Responsible: Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for Diploma in International and Comparative Politics.

Scope: 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.

Syllabus: 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 the 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 Dr. 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), with around 12 students in each, will be arranged with the participation of other members of the department.

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 set 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, (5th edn.) 1976; 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.), *An Introduction to Foreign Policy Analysis*, Hesketh, 1981.

Also highly recommended are Stephen Ambrose, *Rise to Globalism*, Penguin (2nd edn.), 1979; Robin Edmonds, *Soviet Foreign Policy: The Brezhnev Years*, OUP, 1983; Kal Holsti, *International Politics: A Framework for Analysis*, Prentice Hall (4th edn.), 1983; Paul Kennedy, *The Realities behind Diplomacy: Background Influences on British External Policy, 1865-1980*, Fontana, 1981; 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 Studies

See **Strategic Aspects of International Relations** IR3754

IR3783

International Institutions

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Elizabeth Leslie, A229)

Course Intended for Diploma Students

Scope: (as for IR3703)

Syllabus: (as for IR3703)

Pre-Requisites: None.

Teaching Arrangements: (as for IR3703).

Reading List: (as for IR3703).

Examination Arrangements: There will be a three-hour written examination in the Summer Term.

IR3784

The Politics of International Economic Relations

Teachers Responsible: Mr. M. D. Donelan, Room A135 and Mr. J. B. L. Mayall, Room A234 (Secretary, Anna Morgan, A229)

Course Intended Primarily for Diploma in International and Comparative Politics.

Syllabus: The syllabus for the course is:

(i) The economic factor in foreign policy. The economic ambitions of states. Economic causes of war. Peace-making and peace-keeping. Economic resources for foreign policy. Economic instruments.

(ii) The development of thought about the relationship between international politics and the international economy. Mercantilism, Laissez-faire and economic nationalism. 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: J. Spero, *The Politics of International Economic Relations*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; W. Barber, *A History of Economic Thought*; R. L. Heilbroner, *The Worldly Philosophers*.

A detailed reading list is distributed at the beginning of the Session.

Examination Arrangements: Summer Term, formal, three hours, four questions chosen from twelve. Past examination papers may be seen in the Teaching Library.

IR3799

Essay Option

B.Sc. (Econ.) Part II

The regulations for this degree allow candidates in the special subject International Relations to offer as one of their options "an essay of not more than 10,000 words to be written during the course of study on a subject to be approved by the candidate's Tutor and by the Department teaching the subject concerned."

This option is governed by the following provisions:

1. The object of the essay option is to give candidates an alternative opportunity to demonstrate the quality of their unaided work, and Examiners to assess it. The essay should be an independent examination of an issue in which the candidate already has an interest. It should constitute a coherent body of argument expressing the candidate's own understanding of a particular subject; plagiarism must be avoided. It may rely entirely on books and journal articles. No special credit will be given for original material such as unpublished documents, newspapers, files or personal interviews.
2. The essay may be submitted as an alternative to any one of papers 5, 6, 7 and 8. It should normally be on a subject which lies within the field of International Relations as taught at this School. Candidates must secure the approval of their Tutor for the title of their essay, but the Tutor should not be expected to suggest a subject. The Tutor will in turn seek the appropriate Department's approval and inform the candidate when this has been given or the title referred back for further consideration. Approval should therefore be sought in good time, normally before the end of the candidate's second year, but in any case no later than the end of the first term of their final year.
3. Examiners in assessing the essay will look not only for factual accuracy but also for evidence of skill in analysis and logical reasoning and in organisation and relevance of material. The text should be satisfactory as to literary presentation and be accurate in point of spelling, grammar and punctuation.
4. An indication of the sources used in the preparation of the essay should be provided in the form of a bibliography, but it need not be extensive.
5. The number of footnotes should normally be kept to a minimum, but they should be inserted in support of

the more particularist or contentious statements. Direct quotations from any published or unpublished work must be accurately cited in the text or by means of footnotes, and normal scholarly practice should be followed in acknowledging the contribution of the ideas of other scholars.

6. The essay option is equal in value to each of the seven papers taken at Part II by the conventional examination method, and it is marked out of the same maximum (100).

7. Tutors may give the candidate general guidance only. Thus, they may discuss the broad subject of the essay at the time of its submission for approval and suggest source material. They may also give general advice on points of difficulty which arise during its preparation, including such matters as footnoting and bibliography. But Tutors and any other teachers must not read a draft of the essay or any part of it. Candidates must not, therefore, invite their Tutors or any other teachers to comment on any draft of the essay.

8. **The essay must not exceed 10,000 words in length.** It should be typed in double spacing on one side of the paper only and with a wide margin. The pages should be numbered consecutively and adequately secured. The essay must not bear the candidate's name. Instead, the candidate's number (which will be received in good time from the Examinations Office) should be inscribed on the title page together with this rubric:

B.Sc. (Econ.) Part II 1987 [or 1988] (Special Subject: International Relations). Essay submitted in partial fulfilment of the requirements for the degree.

9. The essay must be handed in to the Examinations Office not later than 1 May in the candidate's first or second year of study for Part II of the B.Sc. (Econ.) degree, the latter remaining the normal expectation but the former being allowed at the discretion of candidates and their Tutors. (The essay will not be returned: the candidate is advised, therefore, to retain a duplicate copy.)

10. Candidates may be called for an oral examination in which the Examiners may, among other things, wish to satisfy themselves that the essay is the candidate's own work. Any such examination will, of necessity, be arranged at short notice and will probably be held in the last week of June or in the first week of July. Candidates should, therefore, inform the Departmental Secretary as to where they may be contacted during that time if they will not be at the termtime address held in the Registry.

This revised statement was approved at the Departmental Meeting held on 7 May 1982.

Enquiries to the Chairman of Examiners in International Relations (currently **Mr. N. A. Sims**, A231), who is responsible for the administration of this Essay Option on behalf of the Department.

IR4600

International Politics

Teacher Responsible: Mr. M. D. Donelan, Room A135 (Secretary, Anna Morgan, A229)

Course Intended Primarily for M.Sc.

Syllabus: The course focuses on conflict between states. The following aspects are studied:

(i) Contending views of the history of the modern states-system, explanations of the causes of conflict between states, and ways of handling it.

(ii) Alliances as a custom of international society and their role in inter-state conflict.

(iii) Intervention by states in the internal conflicts of others.

(iv) Attitudes to war and warfare.

(v) Conflict about the distribution of wealth in the world economy.

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.

Reading List: The basic books are: C. Beitz, *Political Theory and International Relations*; J. Mayall (Ed.), *The Community of States*; M. Smith & others, *Perspectives on World Politics*. 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.

IR4610

Foreign Policy Analysis

Teacher Responsible: Dr. C. J. Hill, Room A232 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for M.Sc. students (International Relations) as an option. M.Sc. students in other departments or other postgraduate students, may follow the course by special permission.

Scope: The M.Sc. course in Foreign Policy Analysis differs from that for the B.Sc. largely in level and approach. Relatively little time will be spent on outlining the basic constraints on, and processes of, foreign policy-making. Instead, particular problems will be dealt with which arise out of the basic subdivisions of the subject, but which are not necessarily to be found in neatly encapsulated chapters of your text book. Case-studies will be used in the seminar, but neither they nor individual countries will be examined directly. Rather, 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.

Syllabus: 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, and rationality are treated extensively, as are contemporary criticisms of the concept of a separate 'foreign' policy. The geo-politics of foreign policy is high-lighted.

Pre-Requisites: Students need not have studied Foreign Policy Analysis before, but a basic familiarity with modern international history will be an advantage as in any International Relations course. 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**, and IR107 **Decisions in Foreign Policy** which are given by **Dr. Hill** and **Dr. Coker** during Michaelmas and Lent Terms and IR118 **New States in World Politics** by **Dr. Lyon** in the Michaelmas Term. It is also important to attend as many of the lectures in the series IR105 **The Foreign Policies of the Powers**, as possible. These start in the second half of the Michaelmas Term and continue into Lent and Summer. A seminar programme (IR153) will run from the beginning of the Lent Term until two or three weeks before the Summer examinations.

Written Work: Students taking this option will be able in many cases to write essays in the subject for their supervisors. Otherwise they can arrange to submit work to **Dr. Hill** and **Dr. Coker** 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, *Victims of Groupthink*, Houghton Mifflin, 1972; 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; Jiri Valenta, *Soviet Intervention in Czechoslovakia, 1968: Anatomy of a Decision*, John Hopkins University Press, 1979; William Wallace, *The Foreign Policy Process in Britain*, Royal Institute of International Affairs, 1976; Paul Lauren (Ed.), *Diplomacy: New Approaches in History, Theory and Policy*, Free Press, New York, 1979; R. Ned Lebow, *Between Peace and War*, John Hopkins University Press, 1984; D. Baldwin, *Economic Statecraft*, Princeton University Press, 1985.

Examination Arrangements: A three hour examination will be taken in the Summer Term, consisting of questions of a comparative and theoretical nature. Students will be expected to use analytical and historical knowledge of major foreign policy issues in answering these questions, of which three have to be completed in the time available.

Copies of previous years' papers, together with lecture and seminar programmes are provided in a separate handout.

IR4621

Concepts and Methods of International Relations

Teacher Responsible: Michael Banks, Room A138 (Secretary, A139)

Course Intended Primarily for M.Sc. International Relations, as an optional field for examination. The

course is also designed as general background for students taking the Diploma in Comparative and International Politics; B.Sc. (Econ.) in International Relations, 3rd year; and the Dartmouth College one-term exchange programme.

Scope: A critical examination of the nature, assumptions and implications of the contemporary literature of international relations.

Syllabus: Evolution and characteristics of the international relations discipline and associated fields. Schools of thought: traditionalist, behaviouralist and contemporary. State-centric, pluralist and structuralist paradigms. Conflict analysis, peace theory and future studies. 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, and to General Course and B.Sc. (Econ.) students by specific permission.

Approximate lecture topics, IR104: History of thought; Behaviouralism; Contemporary Theory I; Contemporary Theory II.

Paradigms; The World Society; Conflict: causes, properties; Conflict: dynamics; management, resolution; Peace.

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. Edward E. Azar (Ed.), *The Theory and Practice of International Conflict Resolution*, Wheatsheaf, Brighton, 1986; Michael Banks (Ed.), *Conflict in World Society*, Wheatsheaf, Brighton, 1984; John W. Burton, *Global Conflict*, Wheatsheaf, Brighton, 1984; James E. Dougherty & Robert L. Pfaltzgraff, Jr., *Contending Theories of International Relations – A Comprehensive Survey* (2nd edn.), Harper & Row, New York & London, 1981, pb; Johan Galtung, *The True Worlds: A Transnational Perspective*, The Free Press, New York, 1980; K. J. Holsti, *The Dividing Discipline*, Allen & Unwin, London, 1985; Patrick M. Morgan, *Theories and Approaches to International Politics: What are We to Think?* (3rd edn.), Transaction Books, New Brunswick, New Jersey & London, 1981; Ralph Pettman, *State and Class: A Sociology of International Affairs*, Croom Helm, London, 1979, pb; Michael P. Sullivan, *International Relations: Theories and Evidence*, Prentice-Hall International, London, 1976; Trevor Taylor (Ed.), *Approaches and Theory in International Relations*, Longman, London, 1978, pb; John Vasquez, *The Power of Power Politics*, Frances Pinter, London, 1983.

Examination Arrangements: The M.Sc. examination in Concepts and Methods consists of a 3-hour paper taken in mid-June, with three questions out of twelve to be answered. Sample question papers from the previous three years are attached to the supplementary reading list which is distributed during the lectures.

IR4630**International Institutions**

Teacher Responsible: Mr. N. A. Sims, Room A231 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for International Institutions as an option within the M.Sc. in International Relations and cognate Master's degrees. (Study Guides IR3703 and IR3783 respectively deal with **International Institutions** courses for undergraduate and Diploma students.)

Scope: The short duration of this course obliges us to be highly selective. We focus principally on the Covenant and Charter, and subsequent practice in the League and United Nations experiences, in order to illustrate some of the major ideas and issues of international organisation.

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.

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 throughout the Lent Term and the first three weeks of the Summer Term (IR160). Students and teacher 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 presupposes 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* (3rd edn.), Prentice-Hall, 1984, 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. Four of the most convenient introductions to the League and UN, in addition to Bennett, Armstrong, and Claude, are Ruth B. Henig (Ed.), *The League of Nations*, Oliver & Boyd, 1973; and George Scott, *The Rise and Fall of the League of Nations*, Hutchinson, 1973; Evan Luard, *The United Nations: How it Works and What it Does*, Macmillan, 1979; and H. G. Nicholas, *The United Nations as a Political Institution* (5th edn.), Oxford University Press, 1975. Other books particularly recommended are Clive Archer, *International Organizations*, Allen & Unwin, 1983; Leland M. Goodrich, *The United Nations in a Changing World*, Columbia University Press, 1974; Richard Hoggart, *An Idea and its Servants: UNESCO from Within*, Chatto & Windus, 1978; Harold K. Jacobson, *Networks of Interdependence: International Organizations and the Global Political System* (2nd edn.), Knopf, 1984; C. Wilfred Jenks, *The World Beyond the Charter*, Allen & Unwin, 1969; Evan Luard, *A History of the United Nations, Volume One*, Macmillan, 1982; William Rappard, *International Relations as Viewed from Geneva*, Yale University Press, 1925; Paul Taylor, *International Co-operation Today*, Paul Elek, 1971; F. P. Walters, *A History of the League of Nations*, Oxford University Press, 1952; Sydney D. Bailey, *The Secretariat of the United Nations*, Pall Mall Press, 1964; Martin Hill, *The United Nations System*, Cambridge, 1978; Evan Luard, *International Agencies*, Macmillan, 1977; Roderick C. Ogley, *Internationalizing the Seabed*, Gower, 1984; Ralph Townley, *The United Nations: A View from Within*, Scribner, 1968; John F. Murphy, *The United Nations and the Control of International Violence: A Legal and Political Analysis*, Manchester University Press, 1983; General Indarjit Rikhye, *The Theory and Practice of Peacekeeping*, Hurst, 1984; G. R. Berridge & A. Jennings (Eds.), *Diplomacy at the UN*, Macmillan, 1984; Margaret P. Doxey, *Economic Sanctions and International Enforcement* (2nd edn.), Macmillan for RIIA, 1980; Alan James, *The Politics of Peacekeeping*, Chatto & Windus, 1969; Brian Urquhart, *Hammarskjöld*, The Bodley Head, 1973.

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 at the start of the course.

Office Hour: Mr. Sims is normally available to see students briefly without prior appointment during his regular "office hour" in A231 (extension 472). For longer meetings appointments may be made with his Secretary in A229.

IR4631**The Politics of Western European Integration**

See IR3771

IR4632**The International Legal Order**

See IR3750

IR4633**International Law and Organisation in Latin America and the Caribbean**

Teacher Responsible: Dr. F. Parkinson, Faculty of Laws, University College London (all enquiries to be addressed to Mrs. Hazel Aitken, Institute of Latin American Studies, 31 Tavistock Square, London, WC1H 9HA).

Course Intended Primarily for M.Sc. in International Relations and M.Sc. in International Politics. Also for LL.M. and Diploma in Comparative and International Politics.

Scope: A critical examination of (a) the place of Latin America in the international legal order; (b) the law governing (i) inter-American, (ii) intra-Latin American and (iii) Caribbean international institutions in the political, military and economic fields; and (c) the impact of universal and semi-universal international institutions on Latin America.

Syllabus: International order in nineteenth century Latin America. The origin and solution of territorial disputes in the area and in the Antarctic. The status of adjacent waters. The genesis of the Western hemisphere idea. Latin America in world society: the two world wars and the "cold war". Characteristics of the foreign policies of the major Latin American powers. The concept of collective security in the League of Nations and the United Nations, and Latin America's place in it. Patterns of military co-operation during the Second World War and after: the genesis of the Rio Treaty and its incorporation in the Organization of American States. The Latin American nuclear-free zone. The Inter-American Economic and Social Council of the Organization of American States. The United Nations Economic Commissions for Latin America and the Caribbean. Latin American theories of economic imperialism. The Alliance for Progress. The Latin American Integration Association. The Central American Common Market. The Andean Group. The River Plate and Amazon River organizations. Latin America in the world trading system. The Inter-American Development Bank. The position of individuals under international law: the status of foreigners and their property. The institution of diplomatic asylum. The American Convention of Human Rights. The status of *guerrilleros*.

Pre-Requisites: The course assumes an elementary knowledge of international relations. A reading knowledge of Spanish is an additional advantage, but not essential for an effective coverage of the course.

Teaching Arrangements: The course consists of approximately twenty-four seminars (IR173) spread over two-and-a-half Terms. A long-term programme of seminar topics will be agreed at the beginning of the course.

Written Work: While there is no legal obligation to submit essays, students are urged in their own interest (a) to write three essays per Session and (b) to prepare at least one discussion paper.

Reading List: An exposition of reading techniques appropriate to the course, as well as an indication of the location and nature of library resources will be provided at the beginning of the course. A

comprehensive reading list will be made available at the first meeting of the seminar.

Students wishing to engage in some preliminary reading will be advised to consult the following: S. Clissold, *Latin America*, 1972; F. Parkinson, *Latin America, the Cold War and the World Powers, 1945-1973*, 1975; G. Schwarzenberger, *A Manual of International Law* (1977 edn.); G. Connell-Smith, *The Inter-American System*, 1966; A. Krieger Vasena and J. Pazos, *Latin America: A Broader World Role*, 1973. **Examination Arrangements:** Three hours formal examination in the Summer Term; twelve questions set in all; three questions to be attempted.

IR4639**International Political Economy**

Teachers Responsible: Professor P. Wiles, Room S477, Dr. G. Sen and Mr. R. Tooze (Secretary, A139)

Course Intended Primarily for M.Sc. in Politics of the World Economy.

Scope: The evolution of international economic relations since the Industrial Revolution.

Syllabus: 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 knowledge in politics, economics, economic history, international relations or international history a general introduction to the main theories relevant to an understanding of the international political economy and to the evidence for and against them.

It is therefore built around three basic questions concerning the international political economy – how and why the world economy became so much more productive; how and why this new wealth came to be so unevenly distributed; and how and why the political organisation of the world into territorial states came to shape and determine the basic structures or patterns of the world economy – to wit, of production, credit, transport and knowledge – and thus to influence outcomes and even the distribution of basic values in world society.

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. The accompanying seminar will start by discussing the issues raised in the lectures, revising some of the elementary concepts of international politics and economics. It will later consider in detail, on the basis of student papers, specific problems.

Pre-Requisites: None.

Teaching Arrangements: There will be lecture courses (IR176) on **International Political Economy** given by Professor Wiles and an **International Political Economy Seminar** (IR177) given jointly by Professor Wiles, Dr. Sen and Mr. Tooze. In addition, Professor

Wiles will give a series of lectures within the International Political Economy course on **Introduction to Some Concepts in Economics**, 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 course is primarily intended for those with little or no background in international economics. **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. Heckscher, *Mercantilism*; Louis Baudin, *Free Trade and Peace*; J. Baechler, *The Origins of Capitalism*; F. Braudel, *Afterthoughts on Material Civilization and Capitalism*; Edmund Silberner, *The Problem of War in the 19th Century Economic Thought*; A. G. Kenwood and K. Loughheed, *The Growth of the International Economy, 1820-1960*; A. Milward and Saul, *Economic History of Europe*; Eugene Staley, *War and the Private Investor*; P. J. Wiles, *Communist International Economics*, Chs. 16, 17, 18; Idem, *Economic Institutions Compared*, Chs. 18, 19; D. Booth (Ed.), et al., *Beyond the Sociology of Development*; G. Palma in *World Development*, Vol. 6, 1978; "T. dos Santos" in *American Economic Review*, May 1970; 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.

IR4640

The Politics of International Economic Relations

Teachers Responsible: Mr. M. D. Donelan, Room A135 and Mr. J. B. L. Mayall, Room A234 (Secretary, Anna Morgan, A229)

Course Intended Primarily for M.Sc. International Relations.

Syllabus: The syllabus for the course is:

(i) The economic factor in foreign policy. The economic ambitions of states. Economic causes of war. Peace-making and peace-keeping. Economic resources for foreign policy. Economic instruments.

(ii) The development of thought about the relationship between international politics and the international economy. Mercantilism, Laissez-faire and economic internationalism. 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 IR124 and IR137 and Seminars IR166). Students deliver seminar papers and write essays for the seminar

teachers or their supervisors on topics notified at the beginning of the Session.

Reading List: The basic books are: J. Spero, *The Politics of International Economic Relations*; D. K. Fieldhouse, *The Theory of Capitalist Imperialism*; R. L. Heilbroner, *The Worldly Philosophers*.

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.

IR4641

International Business in the International System

Teacher Responsible: Louis Turner (Royal Institute of International Affairs) (Secretary, Room A139, LSE) **Course Intended Primarily for** M.Sc. International Relations; M.Sc. Politics of the World Economy and other interested students by permission.

Scope: The course aims at a broad introduction to the subject and the literature.

Syllabus: 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.

Pre-Requisites: None.

Teaching Arrangements: Ten lectures (IR124) will be given in the Michaelmas Term to which any interested students are welcome. The lecture course IR137 is also relevant. A seminar (IR168) built round presentations by students taking the examination will start in the Lent Term and continue into the Summer if there is the demand.

Reading List: Robert O. Keohane & Joseph Nye (Eds.), *Transnational Relations and World Politics*, 1970; Robert Gilpin, *United States Power and the Multinational Corporation*, 1976; John M. Stopford & Louis Turner, *Britain and the Multinationals*, 1985; William H. Davidson, *Global Strategic Management*, 1982; Philip Kotler et al., *The New Competition: What Theory Z Didn't Tell You About - Marketing*, 1985; Kenichi Ohmae, *Triad Power: The Coming Shape of Global Competition*, 1985; Christopher Tugendhat, *The Multinationals*, 1970; Raymond Vernon, *Storm Over the Multinationals*, 1977; Richard E. Caves, *Multinational Enterprise and Economic Analysis*, 1982; Neil Hood & Stephen Young, *The Economics of Multinational Enterprise*, 1979; Joan Edelman Spero, *The Politics of International Economic Relations*, 1982; United Nations, *Transnational Corporations in World Development*, 1983.

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

Teachers Responsible: Mr. Graham Bird and Mr. Roger Tooze (Secretary, A139)

Course Intended Primarily for M.Sc. International Relations; M.Sc. Politics of World Economy and other graduates by permission.

Scope: This course is designed as an adjunct to 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, whether graduate or undergraduate.

Syllabus: It will deal with basic concepts regarding the use, creation and management of money in society; and second, with the central issues of monetary management in the world economy: the use of national and international reserve assets; the rules of exchange rate adjustment; the operations of banks and other institutions in international money and capital markets, and the choices of monetary policy 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 especially 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. One seminar with guest speakers is held in the Lent Term. Another with student contributions is also held in the Lent Term.

Reading List: No one book covers the entire syllabus, but the following general works will provide a useful introduction: W. M. Clarke, *Inside the City*; B. Cohen, *Organising the World's Money*; R. Aliber, *The International Money Game*; S. Mendelsohn, *Money on the Move*; C. Coombs, *The Arena of International Finance*; R. Solomon, *The International Monetary System*; S. Strange, *International Monetary Relations*; J. Galbraith, *Money - whence it came and where it went*; B. Tew, *The Evolution of the International Monetary System*; E. Versluysen, *The Political Economy of International Finance*; G. Meier, *Problems of a World Monetary Order*.

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

Teacher Responsible: James Mayall, Room A234 (Secretary, Anna Morgan, A229) and Gautam Sen, Room A134 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for M.Sc. in the Politics of the World Economy.

Scope: An examination of the major political issues and controversies in international trade.

Syllabus: 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 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; the theory and practice of international commodity agreements and the problem of reciprocity and most-favoured nation status in East-West trade.

Teaching Arrangements: Lectures on the politics of international economic relations (IR137). In addition there will be a seminar (IR175) in the Michaelmas and Lent terms with both guest speakers and student presentations.

Reading List: No one book covers the syllabus but the following will provide a useful introduction. G. Myrdal, *The Political Element in the Development of Economic Theory*; Eli Heckscher, *Mercantilism*; Michael Heilperin, *Studies in Economic Nationalism*; Otto Hieronymi (Ed.), *The New Economic Nationalism*; L. N. Rangarajan, *Commodity Conflict*; G. Curzon, *International Commercial Diplomacy*, S. Pizar, *Coexistence and Commerce*.

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 Natural Resources

Teachers Responsible: Dr. J. A. Rees, Room S506A and Professor P. Odell (Secretary: Miss N. Herbert, Room S508)

Course Intended Primarily for students taking the M.Sc. in the Politics of the World Economy. Other suitably qualified and interested graduate students may take or audit the course with the permission of the teacher responsible.

Scope: Analysis of the key issues involved in the management of natural resources. The exploitation, processing, marketing and pricing of natural resources including oil; and the assessment of decision-making and policy formulation at the national and international levels.

Syllabus: The course has three major components: (a) General concepts in resource management, including such issues as the nature of resources; problems of common property resources; scarcity problems, causes and nature of declining environmental quality, and environmental perception. (b) Management of productive resources in the public and private sectors, including investment appraisal and impact analysis,

administrative needs and policy formulation. (c) In view of the importance of energy supply for the economic security of states, and in the relations between states whether producers or consumers, the course will consider the changes in the international market for oil, coal, gas and uranium in the post-war period, giving special attention to the role of the oil companies and of OPEC.

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: Students will follow the lectures and seminars given in **Resource Management and Environmental Planning** (Gy2822) in weeks 1-6 in the Michaelmas Term and will be given three lecture/seminars on the energy component in the Michaelmas and Lent Terms. Students may also attend 10 seminars/classes (Gy412).

Reading List: As for Gy2822 and for the energy component of this course the following basic reading material will be found helpful: J. M. Blair, *The Control of Oil*, Macmillan, London, 1976; T. Hoffman and B. Johnson, *The World Energy Triangle*, Ballinger, Cambridge (Mass.), 1981; P. R. Odell, *Oil and World Power*, Penguin, Harmondsworth, 7th Edition, 1983; P. R. Odell and L. Vallenilla, *The Pressures of Oil: a Strategy for Economic Revival*, Harper and Row, London, 1978; D. Park, *Oil and Gas in Comecon Countries*, Kogan Page, London, 1979; J. Davis, *Blue Gold*; M. Ince, *Sizewell Report*, Pluto, London, 1984; T. Neff, *The International Uranium Market*, Ballinger, Cambridge (Mass.), 1984; D. Abbey and C. Kolstad, "The Structure of International Steam Coal Markets", *Natural Resources Journal*, VOL. 23, No. 4, October 1983, pp.859-891; P. James, *The Future of Coal*, 2nd edn., Macmillan, London, 1984.

Examination Arrangements: One three-hour unseen examination held in June.

IR4645

Revolutions and the International System

Teacher Responsible: Professor Fred Halliday, A136 (Secretary, A139)

Course Intended Primarily for M.Sc. International Relations

Scope: An examination of the relationship between social and political revolutions and the dynamics of the inter-state system.

Syllabus: 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 and Nicaragua; the place of revolutions and the 'order-maintaining' response to them in the study of international relations.

Teaching Arrangements: Ten lectures (IR178) and ten seminars in the Lent Term. Students will deliver

seminar papers and present essays on topics arranged at the beginning of the Lent Term.

Reading List: Theda Skocpol, *States and Social Revolution*; Eric Hobsbawm, *The Age of Revolution*; Henry Kissinger, *A World Restored*; E. H. Carr, *The Bolshevik Revolution*, Vol. 3; Franz Borkenau, *World Communism*; Walter LaFeber, *Inevitable Revolutions*; Chalmers Johnson, *Peasant Nationalism and Communist Power*; Kyung-Won Kim, *Revolution and International System*; Richard Rosecrance, *Action and Reaction in World Politics*.

Examination: A three-hour examination in the Summer Term. Students have to answer three out of twelve questions.

IR4646

Ocean Politics: Theories and Issues

Teacher Responsible: Dr. Finn Laursen, Room E493 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for M.Sc. International Relations and M.Sc. in the Politics of World Economy. **Scope:** The purpose of the course will be to describe and explain the changing regimes for the use of ocean resources in the post-World War II period, including the new regimes for offshore hydrocarbon exploitation, fishing, and shipping as well as the proposed regime for deep seabed mining. This will include the politics of the Third UN Conference on the Law of the Sea, 1973-82, as well as other international negotiations within organizations like the IMO and UNCTAD.

Syllabus: Relevant IR theories in respect of international negotiations and regime formation, including interdependence, hegemony and game theories, will be applied to the specific issues. Some of the questions which will be explored include: Which structures and processes can explain the breakdown of the classical regime of the freedom of the seas? Why has the solution largely been the national enclosure of ocean resources? Will this create problems for international shipping? Who wins and who loses from the emerging new regimes? Will the developing countries succeed in getting a bigger share of ocean resources and international shipping? Why has the USA, the UK and the FRG not accepted the proposed international regime for deep seabed mining?

Teaching Arrangements: Ten lectures (IR188) and ten seminars in the Michaelmas Term. Students will deliver seminar papers and present essays on topics arranged at the beginning of the term.

Reading List: **Theories:** Stephen D. Krasner (Ed.), *International Regimes* (1983, Ithaca; Cornell University Press); Robert O. Keohane and Joseph S. Nye, *Power and Interdependence* (1977, Boston, Little, Brown); Robert O. Keohane, *After Hegemony* (1984, Princeton, Princeton University Press) and Stephen D. Krasner, *Structural Conflict* (1985, Berkeley, University of California Press).

Issues: Ross D. Eckert, *The Enclosure of Ocean Resources: Economics and the Law of the Sea* (1979, Stanford, Hoover Institution Press); Luc Cuyvers, *Ocean Uses and their Regulation* (1984, New York, Wiley); Finn Laursen (Ed.), *Toward a New International Marine Order* (1982, The Hague, Nijhoff); R. P. Barston and Patricia Birnie (Eds.), *The*

Maritime Dimension (1980, London, Allen and Unwin); Finn Laursen, *Superpower at Sea: U.S. Ocean Policy* (1983, New York, Praeger); and James K. Sebenius, *Negotiating the Law of the Sea* (1984, Cambridge, Mass., Harvard University Press).

Examination Arrangements: A three-hour examination in the Summer Term. Students have to answer three out of twelve questions.

IR4650

Strategic Studies

See **Strategic Aspects of International Relations** IR3754

IR4660

IR4750

International Politics: The Western Powers

International Politics: Western Europe

Teacher Responsible: **Western Powers:** Mr. Philip Windsor, Room A120 (Secretary, Anna Morgan, A229) **Western Europe:** Dr. Hugh Macdonald, Room A236 (Secretary, Elizabeth Leslie, A229)

Course Intended Primarily for M.Sc. International Relations (Papers 2 and 3(g)) and M.Sc. European Studies (Paper 3 (d))

Scope: **Western Powers.**

The development and contemporary structure of a 'Western' system of international relations, which aspires to be identified with a global system but faces many challenges and uncertainties, within its own framework, in East-West terms, in terms of incorporating culturally heterodox new members into established patterns of 'order'.

Syllabus: **Western Powers**

The course examines some of the theoretical and practical assumptions, claims and policies according to which a Western international order has emerged as the principal form of the international political system. This raises the following questions, which provide the focus of seminar work: What are the original and the underlying dynamics of this putative order? In terms of the present global framework of political and economic activity, what is the relevance of the orthodox concepts of sovereign nation-states? Is nationalism an integral or a contingent feature of order in such a system? What systemic relationship obtains between political and economic considerations in Western inter-state relations? How has the problem of war been dealt with in contemporary Western ideas? Is confrontation against the Soviet Union a binding force among the Western powers, and with what consequences? To what extent is the viability of the present order jeopardised by crises in the institutions and political relations established by the Western Alliance? Are there vital differences in terms of the conduct within the system between the values of "traditional" Western powers and those which have adopted the "Western" model of development? What implications does change in international political and economic relations carry for "open" societies?

Scope: Western Europe

International relations among the major states of Western Europe, with the United States, the Soviet Union, and Eastern Europe.

Syllabus: Western Europe

International relations in Europe have been dominated in recent decades by an East-West divide which has placed most of the European states in one of two opposing alliances. However the political legitimacy of that division is questioned from various points of view; its legal status has not been codified in any international treaty; in East-West and other terms a number of West European states are neutral or non-aligned; and in terms of European detente and intra-German relations, major efforts have been made to change its significance. Indeed change and stability in Eastern Europe has become an important focus of what it means for the non-Socialist states to be "Western Europe". In parallel with these tensions in the confrontation of the superpowers and military blocs, various parallel attempts to distinguish a new "West European" identity have been made, principally through the Community, but also within NATO, and in West-East security diplomacy. On the one hand therefore it may be questioned how far the Cold War has actually transformed older established patterns of international and domestic politics, rooted in historic, socio-economic and other differentiations between societies within the region. On the other hand contemporary material development and political cooperation may be inducing a compound similarity between West European states and societies, the implications of which for international relations in the region and beyond remain problematic but of the greatest significance.

Pre-Requisites: Some basic knowledge of International Relations as an academic discipline is desirable, together with some acquaintance with the general course of world politics in the twentieth century.

Teaching Arrangements: Both **Western Powers** and **Western Europe** are seminar courses. Each seminar meets during the Lent Term and for the first four or five weeks of the Summer Term. There are no specific lecture courses designed to cover the subjects. All students are advised to attend relevant lectures in the **Foreign Policies of the Powers** (IR105). Students in **Western Powers** may find an interest in **Revolutions and the International System** (IR178) and various lectures in **International Political Economy**. Students in **Western Europe** are advised to attend **The External Relations of the European Community** (IR162).

Reading List: Reading lists will be provided at the first meeting of each of the seminars.

Examination Arrangements: Examination papers in these subjects are taken in the Summer Term normally in June. The normal length of each paper is twelve questions, of which candidates are invited to answer any three.

IR4661

International Politics: The Communist Powers

(Not available 1986-87)

See **International Communism** IR3770

IR4662

International Politics: Asia and the Pacific**Teacher Responsible:** Mr. M. Yahuda, Room A230 (Secretary, A229)**Course Intended Primarily for** M.Sc. (Econ.) – International Relations and M.A. Area Studies – South East Asia.**Scope:** The international political experience of primarily post-colonial states in a region beset by recurrent conflict and external intervention.**Syllabus:** 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.**Pre-Requisites:** Desirable to possess a first degree in politics and/or history but special interest in region of prime importance.**Teaching Arrangements:** Lectures: The principal lecture course is *International Relations in Southern Asia* (IR119) – ten lectures, Michaelmas Term.A seminar on *Asia and the Pacific in International Relations* (IR157) will be held in the Lent and Summer Terms.Additional lectures on the foreign policies of some Asian states (normally Japan, China, India and Indonesia) will be given in the course, *The Foreign Policies of the Powers* (IR105), Lent and Summer Terms and *New States in World Politics* (IR118) ten lectures, Michaelmas Term is also relevant.**Written Work:** Essays will be written for supervisors and an opportunity will be provided for short papers to be presented to the seminar. Students also have the option of writing their short dissertation on a topic selected from Asia and the Pacific.**Basic Reading List:** (A full reading guide will be made available to interested students). Wayne Wilcox *et al.* (Eds.), *Asia and the International System*; Werner Levi, *The Challenge of World Politics in South and South-East Asia*; Michael Leifer, *The Foreign Relations of the New States*; Harold Hinton, *Three and a Half Powers: The New Balance in Asia*; M. Zacher & R. J. Milne (Eds.), *Conflict and Stability in Southern Asia*; Alastair Lamb, *Asian Frontiers*.**Examination Arrangements:** There is one three-hour formal written examination in the Summer Term. The paper contains ten questions, of which three are to be answered. All questions count equally; there is no course work component. Copies of previous years' papers are readily available.

IR4663

International Politics: Africa and the Middle East**(i) Africa****Teacher Responsible:** James Mayall, Room A234 (Secretary, Anna Morgan, A229)**Course Intended Primarily for** M.Sc. International Relations and M.A. Area Studies Africa.**Scope:** The relations of African states with one another and with the major external powers.**Syllabus:** 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 the West, Communist Powers and the Arab States.**Teaching Arrangements:**

(1) A course of ten lectures (IR120) is given in the Michaelmas and Lent Terms beginning in week 6 of the Michaelmas Term. The topics are as follows:

1. The Political and Diplomatic background
2. The OAU: principles and practice
- 3 and 4. Problems of regional order:

- (i) Irredentism and secession
- (ii) Accommodation and confrontation in Southern Africa

5. External intervention: The great powers in Southern Africa

6–8. Case studies in African diplomacy:

- (i) France and Africa
- (ii) Afro-Arab relations
- (iii) Chad

9. Regional Cooperation: EAC, UDEAC, ECOWAS

10. Association with the EEC.

(2) 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: Gv162 *Politics in Africa*, IR106 *Foreign Policy Analysis*, IR118 *New States in World Politics*. 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. Mr. 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.)

Mr. Mayall also supervises the work of the M.A. Area Studies students. Those taking the paper as a minor are required to write two essays during the Session on topics to be agreed with Mr. Mayall. In addition candidates taking the subject as a major are also required to write a 10,000 word dissertation which will be supervised by Mr. Mayall.**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*; D. E. Albright (Ed.), *Africa and International Communism*; *G. W. Carter & P. O'Meara (Eds.), *Southern Africa: The Continuing Crisis*, Indiana University Press, 1979 or 1982.**Examination Arrangements:** Separate three hour examination papers are set for the M.Sc. African Government and 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 subjects to be discussed with Mr. Mayall during the Michaelmas and Lent Terms.**(ii) The Middle East****Teachers Responsible:** Mr. Philip Windsor, Room A120 (Secretary, Anna Morgan, A229) and Professor Fred Halliday, A136 (Secretary, A139)**Course Intended Primarily for** M.Sc. in International Relations students.**Scope:** The course is intended to provide an analysis of the regional politics of the Middle East, and of their interaction with problems of international security, global resources and super-power policies.**Syllabus:** 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 sixteen lectures, accompanied by a seminar.

Lecture: IR121

Seminar: IR159

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: S. N. Fisher, *The Middle East: a History* and/or G. Lenczowski, *The Middle East in World Affairs*.In addition they are recommended to consult: M. Kerr, *The Arab Cold War*; M. Khadduri, *Socialist Iraq*; H. Sh. Chubin and S. Zabih, *The Foreign Relations of Iran*; W. B. Quandt, *Decade of Decisions: American Policy Towards the Arab-Israeli Conflict*; R.Freedman, *Soviet Policy Toward the Middle East since 1970*; C. F. Doran, *Myth, Oil and Politics*; B. Lewis, *The Arabs in History*; T. Asad and R. Owen (Eds.), *The Middle East*; F. Ajami, *The Arab Predicament*.**Examination Arrangements:** A three-hour formal examination in the Summer Term, based on the full syllabus of the lecture course and questions covered in the seminar.

IR4700

World Politics (Seminar)**Teacher Responsible:** Mr. Michael Banks, Room A138 (Secretary, A139)**Course Intended Primarily for** Diploma in International and Comparative Politics.**Scope:** The aim of the course is to give students a broad understanding of issues and theories in world politics.**Syllabus:**

(1) The nature of world politics. Theories of international relations. Elements of the world system. The main actors in world politics. The ends and 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 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 for 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 International and Comparative Politics are expected to have a Second Class degree not necessarily in International Relations, from a reputable university, or equivalent professional qualifications or experience. No previous knowledge of world politics except general interest in current affairs is expected.**Teaching Arrangements:** Two lecture courses on *International Politics* are available, and students with little or no background in international relations studies are recommended to attend either or both. Professor Halliday and Mr. Banks give a 20 lecture series for B.Sc. students (IR102) and Mr. Donelan a 10 lecture series for M.Sc. students (IR151). Those interested in more advanced discussion of International Relations theory should attend Mr. Banks, *Concepts and Methods* lectures. The main teaching for the *World Politics* course will be done in small seminar groups, taken by three responsible teachers beginning in the Michaelmas Term and continuing throughout the Session.**Reading List:** K. Holsti, *International Politics*; J. D. B. Miller, *The World of States*; J. Burton, *World Society*; P. Calvocoressi, *World Politics Since 1945*; H. Bull, *The Anarchical Society*; D. Blake & R. Walters, *Politics of the International Economy*; J. Spero, *Politics of International Economic Relations*.

Examination Arrangements: Students are required to write six essays at roughly three-week intervals throughout 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 12 questions.

IR4750

International Politics: Western Europe
See **International Politics: The Western Powers**
IR4660

IR4751

**The Politics of Western European
Integration (Postgraduate Seminar)**
See **European Institutions** IR3771

LANGUAGES

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
Ln100	Elementary Linguistics Ms. J. M. Aitchison	22/MLS Ln3810
Ln101	Language, Mind and Society Ms. J. M. Aitchison	22/MLS Ln3831
Ln103	Language and Communication — Intercollegiate Seminar Ms. J. M. Aitchison	MLS
Ln104	Language Change Ms. J. M. Aitchison	MLS
Ln212	French Contemporary Texts Dr. K. E. M. George	25/MLS Ln3800
Ln305	Selected 19th and 20th Century Spanish Authors Mr. A. L. Gooch	25/MLS
Ln306	The Spanish Language in the 20th Century Mr. A. L. Gooch	25/MLS
Ln600	English as a Foreign Language Professor R. Chapman	20/ML
Ln601	English Speech Professor R. Chapman	5/M
Ln602	Written English Professor R. Chapman	6/L
Ln603	Literature and Society in Britain: 1830-1900 Professor R. Chapman	25/MLS Ln3840
	1900 to the Present Day (Not available 1986-87) Professor R. Chapman	25/MLS Ln3841

Study Guides

Extra-curricular Language Courses

German Language (Beginners)

Teacher Responsible: Mrs. B. E. Hay, Room C614
Course Intended Primarily for graduate students.
Scope: A basic practical course primarily for reading purposes.
Teaching Arrangements: Sessional classes. This course includes Language Laboratory work.

German Language (Intermediate)

Teacher Responsible: Mrs. B. E. Hay, Room C614
Course Intended Primarily for graduate students.
Scope: A continuation of German Language (Beginners) above. Study and translation of modern German texts.
Teaching Arrangements: Sessional classes. This course includes Language Laboratory work.

Spanish Language

Teacher Responsible: Mr. Anthony Gooch, Room C514
Course Intended Primarily for those intending to carry out research in the Hispanic sphere.
Scope: This is an *ab initio* course. When a sufficient number of students express an interest, an intermediate course is also available.
Teaching Arrangements: Sessional classes beginning in October.
Book: H. Ramsden, *An Essential Course in Modern Spanish*, Harrap.

French Language (Beginners)

Course Intended Primarily for graduate students.
Scope: A basic course designed particularly for reading purposes.
Teaching Arrangements: Sessional classes.

French Language (Intermediate)

Course Intended Primarily for graduate students.
Scope: A continuation of French Language (Beginners) above. Study of modern French texts.
Teaching Arrangements: Sessional classes.

Russian Language (Beginners) (Classes)

Teachers Responsible: Dr. B. S. Johnson, Room C515 (Secretary, M. Tappas, C619) and Mrs. Chambers, Room C516
Course Intended Primarily for M.Sc. in Government and other graduate students but others, undergraduates, General Course students welcome. Also for B.Sc. (Econ.) Part I Russian beginners.
Scope: A basic practical course of Russian grammar and syntax for reading purposes.
Teaching Arrangements: Classes (Ln513), Sessional. This course includes Language Laboratory work.
Course book: *Penguin Russian Course*.

Ln513

Russian Language (Intermediate) (Classes)

Teachers Responsible: Dr. B. S. Johnson, Room C515 (Secretary, M. Tappas, C619) and Mrs. Chambers, Room C516
Course Intended Primarily for M.Sc. in Government and other graduate students but others welcome.
Scope: A continuation of Ln513 above. Study and translation of selected nineteenth and twentieth century texts.
Teaching Arrangements: Classes (Ln514), Sessional. This course includes Language Laboratory work.

Ln514

English as a Foreign Language

Teacher Responsible: Professor R. Chapman, Room C620 (Secretary, M. Tappas, C619)
Course Intended Primarily for students whose native language is not English.
Syllabus: Development of the English Language. Verbal constructions. Nouns and modifiers. Prepositional usage. Word-formation. Structural words. Affixes and Word-order.
Recommended Reading: R. A. Close, *A Reference Grammar for Students of English*; O. Jespersen, *Essentials of English Grammar*; C. Leech, *A Communicative Grammar of English*; S. Potter, *Our Language*; B. Strang, *Modern English Structure*; *Collins English Dictionary*.
Teaching Arrangements: Twenty lectures (Ln600), Michaelmas and Lent Terms; associated classes, Michaelmas, Lent and Summer Terms.

Ln600

English Speech

Teacher Responsible: Professor R. Chapman, Room C620 (Secretary, M. Tappas, C619)
Course Intended Primarily for students whose native language is not English, though this course may be of value to other students.
Syllabus: Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.
Recommended Reading: N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*; A. C. Gimson, *An Introduction to the Pronunciation of English*; J. W. Lewis, *A Concise Pronouncing Dictionary of British and American English*.
Teaching Arrangements: Five lectures (Ln601), Michaelmas Term.

Ln601

Written English

Teacher Responsible: Professor R. Chapman, Room C620 (Secretary, M. Tappas, C619)
Course Intended Primarily for: open to all students.
Syllabus: The basic structure of English. Choice of words. Meaning and association. Sentence-formation. Levels of communication. Punctuation. Preparation and presentation of material.

Ln602

Recommended Reading: R. Chapman, *A Short Way to Better English*; Ernest Gowers, *Plain Words*; H. W. Fowler, *The King's English*; A. Quiller-Couch, *The Art of Writing*; R. Quirk, *The Use of English*; G. H. Vallins, *Good English*.
Teaching Arrangements: Six lectures (Ln602) Lent Term.

Ln3800

French Part I B.Sc. (Econ.)

Teacher Responsible: Dr. K. George, Room C622 (Secretary, Enid Gowing, C613)
Course Intended Primarily for B.Sc. (Econ.) Part I.
Scope: Study of a range of French texts drawn from the social sciences.
Syllabus: Translation into English; Essay in French; Oral practice in French.
Pre-Requisites: A good A-level pass in French, or its equivalent, will normally be required.
Teaching Arrangements: Weekly language class (Ln212) (Sessional), supplemented by native oral tuition as available.
Written Work: Weekly language exercises.
Reading List: The course book will be: *Le français en faculté* (Hodder & Stoughton).
Examination Arrangements: One three hour written examination, which will test the ability to translate from French to English and to write an essay in French, plus a 20 minute oral examination in French.

Ln3801

German Part I

Teacher Responsible: Mrs. B. E. Hay, Room C614 (Secretary, M. Tappas, C619)
Course Intended Primarily for B.A./B.Sc. c.u.; B.Sc. (Econ.) Part I.
Scope: The aim of the course is to consolidate the student's command of written and spoken German post-'A' level.
Syllabus: Translation of modern texts. Discussion and essay work based on newspaper articles, short stories, recorded material etc.
Pre-Requisites: 'A' level German, or a good 'O' level, subject to the tutor's approval.
Teaching Arrangements: Two hours of class work (Ln400; Ln403) per week plus regular listening practice in the Language Lab.
Written Work: Weekly translations, occasional grammar exercises. Five essays.
Reading List: There are no 'set books'. For purposes of discussion, students are encouraged to use the stock of modern German books in the Teaching Library as well as to invest in some cheap paperback editions. The Language Laboratory provides German newspapers, periodicals, dictionaries and other reference books.
Examination Arrangements: A three-hour paper: 1) translation into German, 2) translation into English, 3) a general essay. Also a 15 minute oral examination of a general, conversational nature.

Ln3802

Russian Part I B.Sc. (Econ.)

Teacher Responsible: Dr. B. S. Johnson, Room C515 (Secretary, M. Tappas, C619)
Course Intended Primarily for students of B.Sc. (Econ.) Part I with specific interests in USSR and/or Eastern Europe.
Scope: Practical study of Russian language.
Syllabus: Extension of students' knowledge of Russian and Russian, translation from English into Russian and from Russian into English and oral practice in Russian.
Pre-Requisites: Normally an A-level pass in Russian or its equivalent. Applicants with O-level or less may be accepted but more intensive preparation will be required.
Teaching Arrangements: Teaching is made up of the classes Ln505, Ln506 and Ln509. Any interested students should contact Dr. Johnson, Room C515, who will then make appropriate teaching arrangements with them.
Written Work: Weekly language exercises, preparation and practice.
Reading List: Borras & Christian, *Russian Syntax*, 2nd edn., Oxford University Press; I. Pulkina, *A Shorter Russian Reference Grammar*.
Examination Arrangements: One three hour written examination comprising translation passages English-Russian and Russian-English, plus an oral examination in Russian.

Ln3803

Spanish Part I B.Sc. (Econ.)

Teacher Responsible: Mr. Anthony Gooch, Room C514 (Secretary, Enid Gowing, C613)
Course Intended Primarily for Students of Government, International Relations, International History, Economics, Sociology and Anthropology who have a strong, specific interest in Spain or any Spanish-speaking country or countries.
Scope: The aim of the course is to expand and deepen the student's knowledge of modern Spanish and Spanish affairs.
Syllabus: The student will be presented with a wide variety of texts in Spanish and English for discussion, linguistic commentary and translation. The stress will be on material of a political and sociological nature. Specific works will be prescribed for detailed study of both content and language, and the student will be expected to read extensively as an integral part of the course.
 It is essential for the student to have as basic tools a good bilingual dictionary such as those published by Larousse, Collins and Cassell and a substantial reference grammar such as Harmer & Norton's *A Manual of Modern Spanish* or Ramsey & Spaulding's *A Textbook of Modern Spanish*. In addition, the series *Problemas básicos del español*, published by Ediciones Aravaca, is strongly recommended.
Pre-Requisites: Admission to the course will normally be granted only to applicants with a good A-level qualification. However, in exceptional circumstances, others will be considered.

Teaching Arrangements and Written Work: Two classes (Ln301; Ln302) per week throughout the three terms, together with tutorials for the discussion of written work arranged in accordance with individual requirements. Normally one translation or other piece of written work will be set each week to be handed in the week following.

Reading List: The following works are recommended: R. Carr, *Spain 1808-1939*; R. Carr, *Modern Spain 1875-1980*; D. L. Shaw & G. Brown, *A Literary History of Spain - 19th and 20th Centuries*; P. Baroja, *Memorias de un hombre de acción*; A. Buero Vallejo, *Un soñador para un pueblo*; *Las meninas*; *El sueño de la razón*; S. de Madariaga, *Ingleses, franceses, españoles*; J. L. Martín Vigil, *Carta a un adolescente*; J. Ortega y Gasset, *España invertebrada*; *Meditaciones del Quijote*; *Meditación de Europa*; E. Pardo Bazan, *Los Pazos de Ulloa*; B. Pérez Galdós, *Episodios nacionales*; R. Sánchez Ferlosio, *El Jarama*; F. Umbral, *España cañí*; M. de Unamuno, *Andanzas y visiones españolas*; *En torno al casticismo*.

The student is strongly advised to read regularly a newspaper such as *El País* and/or a magazine such as *Cambio 16*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term which will consist of two passages for translation, one from Spanish into English and one from English into Spanish. At least one of the passages will be of a political or sociological nature.

Ln3810

Elementary Linguistics

Teacher Responsible: Jean Aitchison, Room C520 (Secretary, Enid Gowing, C613)

Course Intended Primarily for B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc., Soc. Psych.; B.Sc. (Econ.) Part II; B.A. French Studies; M.Sc.

Scope: An introduction to linguistics orientated towards Chomsky's transformational-generative grammar.

Syllabus: The scope of linguistics. Characteristics of language, and the search for a universal framework. Language types. The identification of basic linguistic units and sentence patterns. Chomsky's approach. Problems with Chomskyan theory. Meaning.

Pre-Requisites: None-required, though a predilection for puzzle-solving would be useful.

Teaching Arrangements: 22 one-hour lectures (Ln100) and 22 one-hour classes. Each lecture is accompanied by a linguistic puzzle, whose solution is handed out the following week. Classes 1-10: Learning the International Phonetic Alphabet, and practising transcription; 11-20: writing transformational grammars; 21-22: revision.

Written Work: Informal exercises are set in class each week. Five pieces of written work (essay/exercise) are formally marked in the course of the year.

Reading List: The course is mainly a practical one, relying on problem solving rather than reading. Selected passages from the following are likely to be recommended as back-up reading for the written assignments.

(* denotes recommended purchase):

*J. Aitchison, *Linguistics*, Hodder & Stoughton, TY books, 1983 reprint; J. Aitchison, *The Articulate Mammal*, Hutchinson, 2nd edn., 1983; M. Atkinson, D. Kilby & I. Roca, *Foundations of General Linguistics*, Allen and Unwin, 1982; *E. K. Brown, *Linguistics Today*, Fontana, 1983; B. Comrie, *Language Universals & Linguistic Typology*, Blackwells, 1981; J. Hurford & B. Heasley, *Semantics: a coursebook*, Cambridge University Press, 1983; A. Radford, *Transformational Syntax*, Cambridge University Press, 1981; P. Roach, *English Phonetics and Phonology*, Cambridge University Press, 1983; N. V. Smith & D. Wilson, *Modern Linguistics*, Penguin, 1979.

Examination Arrangements: There is a 3-hour examination at the end of the year, in which there is a choice of four out of ten questions. This counts for 75% of allotted marks. The written work described above accounts for the remaining 25%.

Ln3820

French Part II B.Sc. (Econ.)

Teacher Responsible: Dr. K. George, Room C622 (Secretary, Enid Gowing, C613)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: Language and society in Modern France.

Syllabus: Sociolinguistic study of Modern France, including the following topics: standard v. non-standard usage; linguistic elitism; jargon and slang; regional variation and the decline of dialect; lexical borrowing; the language of the media and of advertising. A variety of written sources will be used.

Pre-Requisites: A good A-level pass in French, or its equivalent, will normally be required.

Teaching Arrangements: Weekly lecture/class (Ln215-216) (Sessional), plus native oral tuition as available.

Written Work: 3 essays per term.

Reading List: The following should be purchased: C. Désirat & T. Hordé, *La langue française au XXe siècle*, Bordas; P. Guiraud, *Le français populaire, Que sais-je?*. Students should also consult: R. Etiemble, *Parlez-vous français?* Gallimard; M. Galliot, *Essai sur la langue de la réclame contemporaine*, Privat; N. Gueunier, E. Genouvrier & A. Khomsi, *Les Français devant la norme*, Champion; P. Guiraud, *L'argot, Que sais-je?* P. Rickard, *A History of the French Language*, Hutchinson; P. Trudgill, *Sociolinguistics*, Penguin.

Examination Arrangements: One three hour written examination, plus a 30 minute oral examination in French.

Ln3821

German Part II B.Sc. (Econ.)

Teacher Responsible: Mrs. B. E. Hay, Room C614 (Secretary, M. Tappas, C619)

Course Intended Primarily for B.Sc. (Econ.) Part II.

Scope: A two-year course designed for students with a sound grasp of the language who wish to gain proficiency in the skills of writing, speaking and translating at an advanced level.

Syllabus: Year 1: Translation of general and specialised modern texts. Analysis and discussion of selected writings by modern authors.

Year 2: Consolidation of linguistic skills. Study of either the work of one German writer or a chosen aspect of German history or society.

Pre-Requisites: Either Part I German or a good 'A' level pass.

Teaching Arrangements: Two hours of class work (Ln401-402; Ln404-405) per week plus regular listening practice in the Language Laboratory.

Written Work: Regular weekly translations. Preparation of reading material for discussion and occasional paper or project.

Reading List: There are no 'set books'. Students are encouraged to make full use of the resources of German books in the Library as well as of reference books, newspapers and periodicals in the Language Lab. In addition, each student receives a selected reading list geared to his or her chosen topic.

Examination Arrangements: A three-hour paper in the Summer Term of the final year, comprising the compulsory passages for translation: 1) into German, 2) into English. There is an oral examination of about 30 minutes when candidates are given an opportunity to talk on their special topic.

Ln3822

Ln3940

Russian Part II B.Sc. (Econ.)

Teacher Responsible: Dr. B. S. Johnson, Room C515 (Secretary, M. Tappas, C619)

Course Intended Primarily for students of B.Sc. (Econ.) Part II, option XXIII (Russian, Government and History), and others with specific interests in USSR and/or Eastern Europe.

Scope: Practical study of Russian language with reference to Soviet History, Government, Politics, Economy through selected texts.

Syllabus: Advancement of students' knowledge of Russian; study of texts of general and social science orientated content. Oral practice in Russian.

Pre-Requisites: Normally an A-level pass in Russian and completion of the B.Sc. (Econ.) Part I Russian course, or equivalent qualifications. Exceptionally, other applicants may be accepted but a more intensive course will be required.

Teaching Arrangements: Twice weekly language classes (Ln507-510; Ln508-511) during two sessions and weekly oral practice.

Written Work: Weekly language exercises, preparation and practice.

Reading List: Borrás & Christian, *Russian Syntax* (2nd edn.) Oxford University Press; D. Ward, *Russian Today*; H. Billington, *The Icon and the Axe*; Comrie & Stone, *The Russian Language since the Revolution*, Oxford University Press; V. Klepko, *A Practical Guide to Russian Stress*, FLPH, Moscow; A. Vilgelmina, *The Russian Verb*, FLPH, Moscow; Akad, *Naibolee upotrebitel'nyye glagoly sovremennogo russkogo Yazyka*, Nauk, USSR.

Examination Arrangements: One three hour written examination comprising translation passages English-Russian and Russian-English, plus an oral examination.

Ln3823

Spanish Part II B.Sc. (Econ.)

Teacher Responsible: Mr. Anthony Gooch, Room C514 (Secretary, Enid Gowing, C613)

Course Intended Primarily for Students of Government, International Relations, International History, Economics, Sociology and Anthropology who have a strong, specific interest in Spain or any Spanish-speaking country or countries.

Scope: The aim of the course is to bring the student's knowledge of Spanish to a high degree of refinement, especially in the areas of semantic discrimination and style, and to deepen his or her knowledge of Spanish affairs.

Syllabus: The student will be presented with a wide variety of texts in Spanish and English for discussion, linguistic commentary and translation. The stress will be on material of a political and sociological nature. Specific works will be prescribed for detailed study of both content and language, and the student will be expected to read extensively as an integral part of the course.

It is essential for the student to have as basic tools a good bilingual dictionary such as those published by Larousse, Collins and Cassell and a substantial reference grammar such as Harmer & Norton's *A Manual of Modern Spanish* or Ramsey & Spaulding's *A Textbook of Modern Spanish*. In addition, the series *Problemas básicos del español*, published by Ediciones Aravaca, is strongly recommended.

Pre-Requisites: Admission to the course will be granted only to applicants who have successfully completed Part I or who can furnish other evidence of the necessary degree of proficiency. Native speakers of Spanish who wish to take the course must furnish evidence of a satisfactory command of English.

Teaching Arrangements and Written Work: Two classes (Ln303; Ln304) per week throughout the three terms, together with tutorials for the discussion of written work arranged in accordance with individual requirements. Normally one translation or other piece of written work will be set each week to be handed in the week following.

Reading List: The following works are recommended: R. Carr & J. P. Fusi, *Spain: Dictatorship to Democracy*; D. Gilmour, *The Transformation of Spain*; M. Azaña, *La velada en Benicarló*; *Memorias políticas y de guerra*; A. Buero Vallejo, *La doble historia del doctor Valmy*; *Jueces en la noche*; J. Busquets, *Pronunciamientos y golpes de Estado en España*; C. J. Cela, *San Camilo, 1936*; Leopoldo Alas/Clarín, *La Regenta*; M. Delibes, *Cinco horas con Mario*; J. Goytisolo, *Reivindicación del Conde don Julián*; L. Martín-Santos, *Tiempo de silencio*; J. Ortega y Gasset, *Vieja y nueva política*; *Discursos políticos*; *La rebelión de las masas*; *La caza*; B. Pérez Galdós, *Fortunata y Jacinta*; C. Rojas, *Azaña*; J. Semprún, *Autobiografía de Federico Sánchez*; F. Umbral, *Crónicas postfranquistas*; Valle-Inclán, *El ruedo*

ibérico cycle; F. Vizcaino Casas, *De "camisa vieja" a chaqueta nueva; Al tercer año, resucitó.*

The series *Espejo de España* and *Textos* (Planeta). The student is strongly advised to read regularly a newspaper such as *El País* and/or a magazine such as *Cambio 16*.

Supplementary Reading List: The student will also find the following of considerable interest and value: R. Carnicer, *Sobre el lenguaje de hoy; Nuevas reflexiones sobre el lenguaje; Tradición y evolución en el lenguaje actual; E. Lorenzo, El español, lengua en ebullición.*

Examination Arrangements: There is a three-hour formal examination to be taken normally in the Summer Term of the student's final year, although, in special circumstances, it may be taken at the end of the second year. The examination will consist of two passages for translation, one from Spanish into English and one from English into Spanish. At least one of the passages will be of a political or sociological nature.

Ln3831

Language, Mind and Society

Teacher Responsible: Jean Aitchison, Room C520 (Secretary, Enid Gowing, C613)

Course Intended Primarily for B.A./B.Sc. c.u., any main field; B.Sc. (Econ.) Part II.

Scope: An introduction to psycholinguistics (language and mind) and sociolinguistics (language and society).

Syllabus:

- (1) The biological basis of language.
- (2) Word storage and retrieval.
- (3) Speech production and speech comprehension.
- (4) Child language acquisition.
- (5) Linguistic variation and its relationship to social variables such as class, sex, age.
- (6) Language change.

Pre-Requisites: None required, though students who have already done **Elementary Linguistics** might have some advantage.

Teaching Arrangements: 22 one-and-a-half hour lectures (Ln101; Ln102); 11 one-and-a-half hour classes. In the classes, students prepare (in rotation) papers which often involve practical work (experiments/questionnaires, etc.).

Written Work: Students must hand in at least three essays in the course of the year. These are normally revised versions of the papers which have been presented in class.

Reading List: Topic-by-topic reading lists are circulated for each section of the course. These include important papers and selected chapters from books. The following books are likely to feature prominently: (* denotes recommended purchase): *J. Aitchison, *The Articulate Mammal*, Hutchinson, 2nd edn., 1983; *J. Aitchison, *Language Change: Progress or Decay?*, Fontana, 1981; A. Garnham, *Psycholinguistics: Central Topics*, Methuen, 1985; E. Matthei and T. Roeper, *Understanding and Producing Speech*, Fontana, 1983; L. Milroy, *Language & Social Networks*, Blackwell, 1980; Trudgill, *Sociolinguistics*,

Penguin, 2nd edn., 1983; E. Wanner & L. R. Gleitman, *Language Acquisition: the State of the Art*, Oxford University Press, 1982.

Examination Arrangements: One three-hour examination in which four out of ten questions must be answered. This counts for 75% of the marks. The written assignments (outlined above) account for the remaining 25%.

Ln3840

Literature and Society in Britain 1830-1900

Teacher Responsible: Professor R. Chapman, Room C620 (Secretary, M. Tappas, C619)

Course Intended Primarily for B.A./B.Sc. c.u.; B.Sc. (Econ.) Part II

Syllabus: Work of selected authors, with particular attention to specified texts as indicated on the reading-list. Consideration of general critical principles arising from the literature of the period.

Pre-Requisites: No formal qualifications; A-level or equivalent in English Literature useful but not essential.

Teaching Arrangements: The class normally follows the lecture (Ln603) and is given mainly to discussion of lecture-topics.

Lectures: 25

Classes: 25

Written Work: 4 or 5 essays, each on a topic selected from a short list. Students are expected to take part in class discussions.

Reading List: The following books are recommended for purchase and general background: D. Thomson, *England in the Nineteenth Century*, Penguin; B. Ford (Ed.), *From Dickens to Hardy*, Penguin.

For information and criticism to supplement the lectures read as many as possible of the following: R. Chapman, *The Victorian Debate; The Sense of the Past in Victorian Literature*; J. H. Buckley, *The Victorian Temper*; B. Willey, *Nineteenth Century Studies*; A. Briggs, *Victorian People*; P. Gregg, *A Social and Economic History of Britain*; G. Kitson Clark, *The Making of Victorian England*; C. Brinton, *English Political Thought in the Nineteenth Century*; W. E. Houghton, *The Victorian Frame of Mind*; R. Robson, *Ideas and Institutions of Victorian Britain*; D. C. Somervell, *English Thought in the Nineteenth Century*; J. Evans, *The Victorians*.

There are no 'set books' but it may be useful to know that the following works will be considered in some detail and should be read with care and critical application; Disraeli, *Coningsby* and *Sybil*; Dickens, *Bleak House*; *Hard Times*; *Oliver Twist*; Morris, *News from Nowhere*; Eliot, *Middlemarch*; Butler, *The Way of All Flesh*; Hardy, *The Return of the Native* and *Jude the Obscure*; Brontë, *Wuthering Heights*; Thackeray, *Vanity Fair*; Tennyson, *Poems* (1842 volume) and *In Memoriam*; Browning, *Men and Women*.

Examination Arrangements: 3-hour paper in the Summer Term; 3 essay questions selected from about 15 topics.

Ln3841

Literature and Society in Britain 1900 – Present Day

(Not available 1986-87)

Teacher Responsible: Professor R. Chapman, Room C620 (Secretary, M. Tappas, C619)

Course Intended Primarily for B.A./B.Sc. c.u.; B.Sc. (Econ.) Part II

Syllabus: Work of selected authors, with particular attention to specified texts as indicated on the reading-list. Consideration of general critical principles arising from the literature of the period.

Pre-Requisites: No formal qualifications; A-level or equivalent in English Literature useful but not essential.

Teaching Arrangements: The class normally follows the lecture (Ln603) and is given mainly to discussion of lecture-topics.

Lectures: 25

Classes: 25

Written Work: 4 or 5 essays, each on a topic selected from a short list. Students are expected to take part in class discussions.

Reading List: Fiction: The following novels will be studied in connection with the wider achievement of their authors: D. H. Lawrence, *Sons and Lovers*; Virginia Woolf, *Mrs. Dalloway*; Aldous Huxley, *Brave New World*; George Orwell, *Nineteen Eighty-four*; James Joyce, *Portrait of the Artist as a Young Man*; William Golding, *Lord of the Flies*; Graham Greene, *Brighton Rock*; E. M. Forster, *A Passage to India*; Iris Murdoch, *Under the Net*; C. P. Snow, *The New Men*; John Braine, *Room at the Top*. **Poetry:** Poets of 1914-18; W. B. Yeats; T. S. Eliot; Auden and the 'New Country poets'; Dylan Thomas. **Drama:** Shaw; Beckett; Pinter; Osborne; Wesker.

Supplementary Reading List: *B. Ford (Ed.), *The Modern Age*, Pelican History of English Literature; *G. S. Fraser, *The Modern Writer and his World*; *D. Thomson, *England in the Twentieth Century*, Pelican History of England; P. Gregg, *A Social and Economic History of Britain 1760-1950*; C. B. Cox & A. E. Dyson (Eds.), *The Twentieth-Century Mind*, 3 Vols; A. J. P. Taylor, *English History 1914-1945*; C. Gillie, *Movements in English Literature 1900-1940*; W. Allen, *Tradition and Dream*; V. de S. Pinto, *Crisis in English Poetry*; F. R. Leavis, *New Bearings in English Poetry*; D. Daiches, *The Novel and the Modern World*; J. I. M. Stewart, *Oxford History of English Literature*, Vol. 12; W. Robson, *Modern English Literature*. The titles asterisked are recommended for purchase and general background.

Examination Arrangements: 3-hour paper in the Summer Term; 3 essay-questions selected from about 15 topics.

Ln3940

Russian Language
See Ln3822

Ln3941

Aspects of Russian Literature and Society Part II (B.Sc. (Econ.))

Teacher Responsible: Dr. B. S. Johnson, Room C515 (Secretary, M. Tappas, C619)

Course Intended Primarily for students of B.Sc. (Econ.) Part II, Special Subject XXII (Russian, Government and History).

Scope: Themes and problems of Russian and Soviet Society as portrayed in XIXth and XXth century Russian literature.

Syllabus: Study of two out of four recurrent themes through selected texts:

1. The Peasant Question. From Catherine the Great to the Khrushchev era.
2. Representatives of Their Times. The attitude of the thinking individual to the events and society of his times, 1825-1930.
3. Cataclysm, War and Revolution. The effects of war and violent upheaval on successive generations, 1850-1950.
4. The Tribulations and Exploits of Soviet Man. The evolution of the Soviet 'ideal pattern' individual from 1905 to the post-Stalin era.

Pre-Requisites: Normally an A-level and completion of the B.Sc. (Econ.) Part I, Russian Course, plus participation in the B.Sc. (Econ.) Part II Russian Course.

Teaching Arrangements: Weekly class (Ln512) during two sessions, plus tutorials.

Written Work: Fortnightly essay.

Reading List: 1. The Peasant Question: W. S. Vucinich, *The Peasant in Nineteenth-Century Russia*; J. Blum, *Lord and Peasant in Russia*; M. Lewin, *Russian Peasants and Soviet Power*; E. Strauss, *Soviet Agriculture in Perspective*; Radishchev, *Puteshestviye iz Peterburga v Moskvu*; Pushkin, *Derevnya*; Turgenev, *Zapiski Okhotnika Grigorovich, Derevnya; Anton Goremyka*; Nekrasov, *Moroz, krasnyy nos*; Hertsen, *Soroka-vorovka*; Reshetnikov, *Polipovtsy*; Bunin, *Derevnya*; Chekhov, *Muzhiki*; Sholokhov, *Podnyataya tselina*; Stadnyuk, *Lyudi ne angely*; Panforyov, *Otrazheniya*; Ovechkin, *Rayonnnyye budni; Trudnaya vesna*; Soloukhin, *Vladimirskiye proselki*; Abramov, *Vokrug da okolo; Putipereput'ya*; Prasl'ny; G. Upsensky, *Vlast' zemli*; Gorky, *O russkom krest'yanstve*.

2. Representatives of Their Times: Pushkin, *Yevgeniy Onegin*; Lermontov, *Geroy nashogo vremeni*; Goncharov, *Oblomov*; Turgenev, *Rudin; Otsy i deti; Nov*; Chernyshevsky, *Chto delat*; Tolstoy, *Anna Karenina*; Dostoyevsky, *Besy*; Zlatovratsky, *Osnovy*; Gorky, *Chelkash; Mat*; *Ispoved*; Zamyatin, *My*.

3. Cataclysm, War and Revolution: Tolstoy, *Sevastopolskiye rasskazy*; Garshin, *Chetyrye dnya*; Fedin, *Goroda i gody*; Leonov, *Barsuki*; Sholokhov, *Tikhiy Don*; A. Tolstoy, *Khozhdeniye po mukam*; Serafimovich, *Zheleznyy potop*; Babel, *Konarmiya*; Simonov, *Dni i nochi*; V. Nekrasov, *V okopakh Stalingrada*; Leonov, *Vztyatiye Velikoshumska*; Bek, *Volokolamskoye shosse*; Baklanov, *Yul' 1941*; Balter, *Do svidaniye, malchiki*.

4. Tribulations of Soviet Man: Ivanov, *Bronyepoezd 14-39*; Furmanov, *Chapayev*; Fadeev, *Razgrom*;

Gladkov, *Tsement*; Leonov, *Sot*; Ostrovsky, *Kak zakalyalas' stal'*; Platonov, *Kotlovan*; Ilf and Petrov, *Zolotoy telyonok*; Polevoi, *Povest' o nastoyashchem cheloveke*, Granin, *Iskateli*; Nekrasov, *V rodnom gorode*; Dudintsev, *Ne khlebom yedinym*; Kochetov, *Braty'a Yershovy*; Solzhenytsin, *Odin den' Ivana Denisovicha*.

Examination Arrangements: One three-hour written examination in the final year. Candidates will be required to answer question(s) on both their chosen themes.

LAW

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
LL100	Public Law: Elements of Government	39/ML	LL5003
	Dr. C. R. Harlow, Professor J. A. G. Griffith, Mr. R. W. Rawlings, Mr. M. Loughlin and Mr. J. M. Jacob		
LL101	Law of Contract	42/MLS	LL5001
	Mr. I. G. Karsten, Mr. P. Muchlinski and Mrs. R. G. Schuz		
LL102	Property I	44/MLS	LL5002
	Mr. W. T. Murphy, Dr. S. A. Roberts and Ms. M. E. Percival		
LL103	The Law-Making Process	10/M	LL5000; LL5020; SA6772
	Professor M. Zander		
LL104	Law and the Social Sciences	10/M	LL5000
	Dr. S. A. Roberts, Mr. W. T. Murphy and Mr. D. N. Schiff		
LL105	Courts and Litigation	26/LS	LL5000; SA6772
	Professor M. Zander		
LL106	Law of Tort	45/MLS	LL5041
	Mr. I. G. F. Karsten, Dr. J. G. H. Fulbrook, Mr. R. C. Simpson and Dr. C. R. Harlow		
LL107	Criminal Law	20/ML	LL5040
	Ms. J. Temkin and Professor L. H. Leigh		
LL108	Jurisprudence	42/MLS	LL5100
	Mr. D. N. Schiff, Mr. M. Loughlin and Mr. R. L. Nobles		
LL110	Law of Property II	45/MLS	LL5105
	Mr. W. T. Murphy, Ms. M. E. Percival and Mr. R. L. Nobles		
LL111	Law of Evidence		LL5113
	Classes only LSE.		
LL112	Public International Law	42/ML	LL5131
	Professor R. Higgins and Dr. P. W. Birnie		
LL113	Conflict of Laws	45/MLS	LL5114
	Mr. T. C. Hartley, Mr. I. G. F. Karsten and Mrs. R. G. Schuz		

Lecture/ Seminar Number		Study Guide Number
LL114	Mercantile Law Ms. H. Rogers	40/ML LL5110
LL115	Labour Law Professor Lord Wedderburn and Mr. R. C. Simpson	40/ML LL5112
LL116	Domestic Relations Mr. R. W. Rawlings and Mr. R. C. Simpson	40/ML LL5118
LL117	Law of Business Associations Mrs. J. A. Freedman and Dr. D. A. Chaikin	35/ML LL5111
LL118	Local Government Law Mr. M. Loughlin, Mr. R. W. Rawlings and Professor J. A. G. Griffith	6/M LL5117
LL119	International Protection of Human Rights Professor R. Higgins	/MLS LL5132
LL120	Basic Principles of Soviet and Yugoslav Legal Systems Professor I. Lapenna	25/MLS LL5134
LL121	Legislation – Seminar Mr. J. M. Jacob	10/M LL5116
LL122	Introduction to the Anthropology of Law Dr. S. A. Roberts	25/MLS LL5138
LL123	Introduction to European Law – Seminar Mr. T. C. Hartley	45/MLS LL5133
LL124	Legal and Social Change since 1750 – Seminar Professor W. R. Cornish	25/MLS LL5137; LL6004
LL125	Housing Law Mr. R. L. Nobles	5/L LL5119
LL126	Administrative Law Dr. C. R. Harlow and Mr. R. W. Rawlings	25/MLS LL5115
LL127	Economic Analysis of Law Dr. B. Hindley and Mr. J. R. Gould	22/ML LL5136
LL128	Women and Law – Seminar Ms. J. Temkin, Mr. R. C. Simpson, Ms. M. E. Percival and Mr. W. T. Murphy	22/MLS LL5135
LL129	The Law Relating to Civil Liberties in England and Wales Professor L. H. Leigh, Mr. A. G. L. Nicol and Mr. D. N. Schiff	20/ML LL5130
LL138	Taxation Mrs. J. A. Freedman and Mrs. R. G. Schuz	25/MLS LL5141
LL139	Land Development and Planning Law Mr. M. Loughlin	20/ML LL5140

Lecture/ Seminar Number		Study Guide Number
LL140	Sentencing and Treatment of Offenders Professor J. E. Hall Williams	10/M LL5171
LL141	Outlines of Modern Criminology Professor J. E. Hall Williams and Ms. J. Temkin	10/L LL5170
LL142	Health Care and the Law Mr. J. M. Jacob and others	10/L LL5175
LL143	Legal Services to the Community Professor M. Zander	10/M LL5176
LL144	Social Security Law I Dr. J. Fulbrook	10/M LL5172
LL145	Social Security Law II Dr. J. Fulbrook	10/L LL5173
LL146	Law of Landlord and Tenant Mr. R. L. Nobles	10/M LL5174
LL147	Race, Nationality and the Law (Not available 1986-87) Mr. A. G. L. Nicol	10/M LL5177
LL148	Sociological Theory and the Idea of Law – Seminar Mr. D. N. Schiff	10/M LL5179
LL149	Public Law and Economic Policy (Not available 1986-87)	10/L LL5178
LL160	Courts and the Trial Process Professor M. Zander	14/LS LL5020
LL161	Commercial Law Dr. D. A. Chaikin, Mrs. J. A. Freedman and Mrs. R. G. Schuz	40/ML LL5060
LL162	Elements of Labour Law Mr. R. C. Simpson	20/ML LL5062; LL6112
LL163	Elements of Labour Law Class (for Trade Union Studies course) Mr. R. C. Simpson and Dr. J. Fulbrook	25/MLS
LL164	Soviet Law Professor I. Lapenna	10/L Gv3052
LL180	Introduction to Justice Technique – Seminar (Not available 1986-87) Mr. A. G. L. Nicol	10/M
LL181	Obligations I – Seminar Mr. R. L. Nobles	10/M

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
LL182	Obligations II – Seminar (Not available 1986-87) Mr. R. W. Rawlings	15/LS	
LL183	Constitutional Theory – Seminar Mr. R. W. Rawlings	10/M	
LL184	Introduction to the British Constitution Seminar (Not available 1986-87)	15/LS	
LL185	Sociology of Law Class Mr. W. T. Murphy	10/M	
LL200	Comparative Constitutional Law I Professor L. H. Leigh and Mr. Creighton	30/MLS	LL6150
LL201	Comparative Constitutional Law II Professor Read, Dr. Slinn and Mr. L. A. Wolf-Phillips	45/MLS	LL6151
LL203	Company Law Professor Lord Wedderburn	28/MLS	LL6076
LL204	The Law of Personal Taxation Mrs. R. G. Schuz	30/MLS	LL6101
LL205	The Law of Business Taxation Mrs. J. A. Freedman	33/MLS	LL6100
LL206	The Law of Restitution Professor W. R. Cornish	30/MLS	LL6085
LL208	E.E.C. Competition Law Mr. W. D. Bishop and Dr. Korah	30/MLS	LL6031
LL209	The Principles of Civil Litigation Sir Jack Jacob and Professor M. Zander	35/MLS	LL6010
LL210	Comparative Criminal Law and Procedure Professor L. H. Leigh	30/MLS	LL6120
LL211	Soviet, East European and Mongolian Law Professor I. Lapenna and Professor Butler	30/MLS	LL6176
LL212	Comparative Family Law (Not available 1986-87) Ms. J. Temkin, Professor I. Lapenna and Mr. D. C. Bradley	28/MLS	LL6018
LL213	Law of International Institutions Professor R. Higgins and Dr. P. W. Birnie	28/MLS	LL6048
LL214	Law of European Institutions Mr. T. C. Hartley and Professor Butler	23/MLS	LL6049
LL215	European Community Law Mr. T. C. Hartley	15/LS	LL6015

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
LL216	International Law of the Sea Dr. P. W. Birnie	30/MLS	LL6060
LL217	The International Law of Natural Resources Professor R. Higgins	28/MLS	LL6057
LL218	International Economic Law Dr. D. A. Chaikin	30/MLS	LL6054
LL219	International Business Transactions Mr. T. C. Hartley, Mr. I. G. F. Karsten and Professor F. G. Jacobs	30/MLS	LL6033
LL220	Intellectual Property Professor W. R. Cornish and Mr. D. Llewellyn	30/MLS	LL6075
LL221	Theoretical Criminology Professor J. E. Hall Williams, Mrs. D. Yach and Mr. J. Freeman	30/MLS	LL6121
LL222	Applied Criminology Professor J. E. Hall Williams, Mrs. D. Yach and others	30/MLS	LL6122
LL223	Sentencing and the Penal Process Professor J. E. Hall Williams, Dr. Saeed and others	30/MLS	LL6124
LL224	Law of Management and Labour Relations Professor Lord Wedderburn	28/MLS	LL6111
LL225	Individual Employment Law Mr. R. C. Simpson and Dr. J. Fulbrook	25/MLS	LL6110
LL226	Human Rights – Seminar Professor R. Higgins and Mr. Duffy	28/MLS	LL5132; LL6052
LL227	Economic Analysis of Law (Graduate Course) Mr. W. D. Bishop	48/MLS	LL6030
LL230	Problems of Civil Litigation – Seminar Sir Jack Jacob and Professor M. Zander	8/MLS	LL6010
LL231	Problems in Taxation – Seminar Professor M. A. King and Mr. Avery-Jones	8/LS	Ec2435
LL232	Diploma in Criminal Justice Class Professor J. E. Hall Williams	6/ML	
LL233	Multinational (Transnational) Enterprise and the Law Mr. P. T. Muchlinski	28/MLS	LL6061
LL234	Marine Insurance Professor A. Diamond and Mr. P. T. Muchlinski	26/MLS	LL6142

Lecture/
Seminar
NumberStudy Guide
Number

LL235	Public Interest Law Dr. C. R. Harlow and Mr. R. W. Rawlings	30/MLS	LL6156
LL236	Carriage of Goods by Sea Professor A. L. Diamond	26/MLS	LL6140
LL237	Planning and Environmental Control Professor Jowell (U.C.) and Mr. M. Loughlin	30/MLS	LL6155
LL238	Law and Social Theory Mr. W. T. Murphy, Dr. S. A. Roberts, Mr. Cotterrell (QMC) and Mr. Nelkeu (UCL)	20/MLS	LL6003
LL239	International Environmental Law Dr. P. W. Birnie and Mr. Alan Boyle (QMC)	26/MLS	LL6063
LL240	Modern Legal History Professor W. R. Cornish, Mr. W. T. Murphy and Ms. M. E. Percival	MLS	LL6004

Study Guides

LL162

Labour Law

Teacher Responsible: Mr. R. C. Simpson, Room A461 (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for Trade Union Studies Course.

Scope: The aim of the course is to examine the law in British industrial relations concentrating on those aspects of particular interest and importance to trade unions and trade unionists.

Syllabus: Collective labour law: Trade unions 'right to organise': Legal status of trade unions; legal support for the right to organise and the right not to belong – the closed shop; time off work for union activities. Internal union management: admission and expulsion; union democracy; union political activities; inter-union relations – 'Bridlington' and the law. Collective bargaining and the law: union recognition; union rights to disclosure of information and consultation on redundancies; wages councils. Strikes, other forms of industrial action and the law: picketing and workplace occupations; civil liabilities for organising and taking part in industrial action; state emergency powers. Individual labour law: Contracts of employment and collective agreements. Employee's rights: pay; hours – time off work; sickness – sick pay, holidays. Discrimination at work on grounds of race and sex. Termination of employment: unfair dismissal; redundancy rights. Health and safety at work.

Teaching Arrangements: Lectures: LL162

Elements of Labour Law 20 Michaelmas and Lent Terms.

Classes: LL163 25 Sessional.

The lectures and classes are complementary. The classes will follow the lectures and cover the topics in the same order. Classes will normally be conducted on the basis of general discussion of a particular topic.

Reading List: The following is relevant throughout the course and is recommended for purchase: McMullen, *Rights at Work*.

Examination Arrangements: None.

LL164

Soviet Law

Teacher Responsible: Professor I. Lapenna, Room K300 (Secretary, Mrs. Pam Hodges, A369)

Course Intended Primarily for B.Sc. (Econ.) Part II, esp. XXII Russian Government, History and Language; Diploma in Int. and Comp. Politics; M.Sc.; graduate students of law and others interested.

Scope: The aim of the course is to introduce students to the essential features of Soviet law with emphasis on the relationship between politics and law in the U.S.S.R.

Syllabus: Soviet interpretations of the Marxist doctrine of State and law; unity of the legal system and the position of public international law; ideology and reality as reflected in Soviet constitutions 1918–1977 (and up to date); sovereignty: national, political, legal, state, limited (Brezhnev doctrine), as a tool of Soviet domestic and foreign policy; human rights in theory

and practice; Soviet concept of constitutionality and legality; basic principles of criminal law and procedure, political and economic crimes; legal aspects of State planning.

Pre-Requisites: Knowledge of Russian is useful, but not necessary.

Teaching Arrangements: One lecture of one hour per week, Lent Term (Professor Lapenna).

Written Work: One essay of about 2,500–3,000 words.

Reading List: *Students are advised to buy:*

I. Lapenna, *Marxism and the Soviet Constitutions*; *Soviet Penal Policy*; L. Schapiro, *The Government and Politics of the Soviet Union*.

Other books: W. E. Butler, *Soviet Law*; A. Denisov & M. Kirichenko, *Soviet State Law*; J. N. Hazard, *Communists and Their Law*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; H. J. Bermann, *Soviet Criminal Law and Procedure*; Constitution of the U.S.S.R. of 1977 (latest edition).

Supplementary Reading List: D. D. Barry & Others (Eds.), *Soviet Law After Stalin*; K. Grzybowski, *Soviet Public International Law*; H. Kelsen, *The Communist Theory of Law*; R. Sharlet, *The New Soviet Constitution of 1977*; E. B. Pashukanis, *Law and Marxism: A General Theory*.

Examination Arrangements: There is no separate examination in this subject, but the knowledge acquired during the course may help students to improve their examination answers in other subjects concerned with the course.

LL231

Problems in Taxation

Teacher Responsible: Professor M. A. King, Room R404 (Secretary, Deborah Clark, Room R411)

Course Intended Primarily for LL.M. and M.Sc. (Econ.)

Scope: The aim of the course is to discuss tax problems which are of interest to both lawyers and economists.

Syllabus: 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.

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.

LL5000

English Legal System

Teacher Responsible: Professor Michael Zander, Room A457 (Secretary, Angela White, A303)

Course Intended Primarily for Intermediate LL.B. and General Course.

Scope: The aim is to introduce students to the basic features of the legal system together with some basic concepts as to the nature of law and its connection with social science.

Syllabus:**The Law-Making Process (LL103):**

- (a) Making the Law: sources of law; custom; precedent; statutes and statutory interpretation.
 (b) Changing the Law: the machinery of law reform; codification.

Law and the Social Sciences (LL104):

Ways of looking at law; the relation of legal theory to social theory.

- (i) The problem of order; conflict and dispute processes.
 (ii) The treatment of law in social theory – the external view.

- (iii) Lawyers' theories of law – the internal view.

Courts and Litigation (LL105):

- (a) The courts: their structure, organization, jurisdiction. Tribunals.
 (b) Pre-trial: (1) Civil: interlocutory proceedings, pleadings, delay. (2) Criminal: investigation of crime by the police: police powers; arrest; bail; Police and Criminal Evidence Act 1984.
 (c) The trial: procedure in civil and criminal trials; rules of evidence. The jury. Remedies; enforcement of judgements. The appeal process. The costs of litigation; legal aid; right to counsel.
 (d) The legal profession; judges, barristers and solicitors.

Pre-Requisites: None.

Teaching Arrangements: There are three lecture courses, each accompanied by a class as follows:
 Lectures:

LL103 **The Law Making Process** (10 Michaelmas).
 LL104 **Law and the Social Sciences** (10 Michaelmas).
 LL105 **Courts and Litigation** (22 Lent and Summer).
 Classes:

For LL.B. Intermediate

LL103a (10 Michaelmas) – weekly in a large group. The lecture group will be divided into four groups by alphabetical order.

LL104a: 10 classes in the Michaelmas Term fortnightly.

LL105a: 13 classes in the Lent and Summer Terms.

Written Work: This depends on each class teacher, but students should expect to do about 4 pieces of written work during the year.

Reading List: For LL103 the basic text (which should be bought) is Michael Zander, *The Law Making Process*.

For LL104 the reading consists of materials handed out to students at the beginning of the course in mimeograph form.

For LL105 the basic text (which should be bought) is Michael Zander, *Cases and Materials on the English Legal System*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus for all three lecture courses. The paper is divided into three sections. Section A, based on LL104 has four questions and students are required to answer one. Section B, based on LL103, similarly has four questions and students are required to answer one. Section C, based on LL105, usually has seven questions of which students must answer two. It is vital to answer four questions in all and they must be from sections as indicated above. Past papers can be

obtained from the Library, from Professor Zander or from his secretary.

LL5001**Law of Contract**

Teacher Responsible: Mr. I. G. F. Karsten, Room A362 (Secretary, A302)

Course Intended Primarily for LL.B. students, first year.

Scope: The aim of the course is to introduce students to the basic principles of the law of contract and critically to review the extent to which those principles meet the needs of society.

Syllabus: Offer and acceptance; consideration; intention to create legal relations; certainty; privity; contents of a contract; exemption clauses; duress and unconscionability; misrepresentation; mistake; frustration; illegibility; remedies.

Pre-Requisites: There are no pre-requisites for the course.

Teaching Arrangements: The course is taught by means of two lectures (LL101) per week and one class (LL101a) per week. The lectures will be given by a number of different lecturers, but each class will have the same teacher throughout the year. The basic work is done through the classes, and the lectures are designed to introduce the topics on the syllabus, introduce new insights if possible, and encourage critical thinking. Class teachers will give out reading lists in advance of the classes, and these must be fully prepared by students. Lecture notes will also be given out to help students to follow the lectures. In addition, each student will receive a compilation of problems together with past examination papers.

Written Work: This will be set, marked and returned by each class teacher. Normally, a student will be expected to produce two pieces of written work in his first term and two pieces of written work in the second term. The written work will consist either of any essay or of a problem.

A mock examination is set at the beginning of the second term. It covers work up to the date of the examination, and is conducted under examination conditions, but lasts only one and a half hours (as compared to three hours for the actual examination). The purpose of the mock examination is to enable students to monitor their own progress as well as to give their class teachers an opportunity of ensuring that progress is being maintained. Each class teacher marks his own class students' papers. The marks do not in any way count towards the final assessment of the student.

Reading List: Students should follow the advice of their class teachers as to the books to be read. The books most commonly used are the latest editions of Treitel, *Law of Contract*; and Cheshire and Fifoot, *Law of Contract*; as well as Smith & Thomas, *Casebook on Contract*.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the full syllabus.

There is a resit examination in this paper in September.

LL5002**Property I**

Teacher Responsible: Mr. W. T. Murphy, Room A361 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.B. Intermediate.

Scope: To introduce students to the fundamental concepts of the English law of property with special reference to land law.

Syllabus: Real and Personal Property compared; the interaction of rights and remedies; the basic concepts of real property; the conveyancing framework; the law of leases; mortgages; easements; covenants; the family home.

Pre-Requisites: There are no pre-requisites but a knowledge of modern English social history is an advantage.

Teaching Arrangements: One lecture course (LL102) of between 40 and 44 lectures accompanied by a weekly class (LL102a).

Reading List: Megarry (Hayton Ed.), *Manual of Real Property Law* (6th edn.); and either: Gray and Symes, *Real Property and Real People*; or Murphy and Clark, *The Family Home*.

Students may find it useful to read John Scott, *The Upper Classes* (Macmillan 1982) before or upon commencing this course.

Examination Arrangements: There is a three hour formal examination in the Summer Term on which the entire assessment for the course is based.

LL5003**Public Law: Elements of Government**

Teacher Responsible: Dr. C. R. Harlow, Room A463 (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for first year LL.B. students but those studying Government, Public Administration and Social Administration may find the lectures valuable.

Scope: The course covers central and local government, Parliament, and the law relating thereto, and judicial review of administrative action.

Syllabus:

- (1) The characteristics of the British Constitution.
- (2) The institutions of government: (a) The Crown, The Prime Minister, the Cabinet, the central government departments. The civil service. (b) Local authorities. (c) Public corporations. (d) Parliament: its composition, functions and privileges. Ministerial responsibilities. (e) Representation. Elections.
- (3) The working of government. The functional relations between the institutions of government. Parliament. The legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills. Select and Standing Committees.
- (4) The Judiciary: its Constitutional position. The impact of the courts on the process of government. Administrative tribunals. Civil Liberties.

Teaching Arrangements: Lectures (LL100): Michaelmas and Lent Terms – twice weekly in Michaelmas, once weekly in Lent. Classes (LL100a):

Sessional – weekly. Teachers: Carol Harlow, Joe Jacob, Richard Rawlings and Martin Loughlin.

Written Work: will be indicated by the class tutor. At least two essays will be required to be written during each of the Michaelmas and Lent Terms.

Reading List: Students should buy: either T. C. Hartley & J. A. G. Griffith, *Government and Law* (2nd edn. 1981); or S. A. de Smith, *Constitutional and Administrative Law* (4th edn. 1981).

They will also find useful: G. Wilson, *Cases & Materials in Constitutional and Administrative Law* (2nd edn. 1976).

Supplementary Reading List: A detailed study guide with a detailed further reading list including periodical literature is contained in the study guide and available in the Library or from Dr. Harlow.

Examination Arrangements: Normal three hour written examination.

LL5020**English Legal Institutions**

Teacher Responsible: Professor Michael Zander, Room A457 (Secretary, Angela White, A303)

Course Intended Primarily for B.Sc. (Economics) Part I and II; B.A./B.Sc. Degree in the Faculties of Arts and Economics.

Scope: The aim is to introduce students to the basic features of the legal system.

Syllabus: Sources of law; case law and the theory of binding precedent; legislation and statutory interpretation; custom. Reform of the law and codification. The organisation of the courts; their jurisdiction and the types of cases with which they deal. Administrative tribunals. Civil and criminal cases, including an outline of pre-trial proceedings; police powers, evidence and procedure of trial. The personnel of the law including judges, magistrates, juries, barristers and solicitors. Legal aid and advice. Appeals. Students are not expected to have any knowledge of the substantive rules of law in contract, tort, criminal law or in the other branches of the law.

Pre-Requisites: None.

Teaching Arrangements: There are two lecture courses, each accompanied by a class, as follows:
 Lectures:

LL103 **The Law Making Process** (10M)

LL160 **Courts and the Trial Process** (14LS)

Classes:

LL103b: Weekly Michaelmas

LL160a: Weekly Lent and Summer

Written Work: Depends on class teacher, but usually three or four pieces of written work.

Reading List: For LL103 the basic text (which should be bought) is Michael Zander, *The Law Making Process*.

For LL160 the basic text (which should also be bought) is Michael Zander, *Cases and Materials on the English Legal System*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus. Students must do five questions out of ten.

LL5040

Criminal Law

Teacher Responsible: Ms. J. Temkin, Room A459 (Co-ordinating Member of Staff) (Secretary, Mrs. S. Hunt, A304)

Courses Intended Primarily for LL.B. Part I students.
Scope: The aim of the course is to provide a grounding in the general principles of criminal law and to examine the application of these principles to certain specific offences. Policy issues surrounding both principles and offences are also discussed.

Syllabus: Mens rea; actus reus; defences to crime; strict liability; parties to crime; homicide; defences to murder; infanticide; rape; incest; theft; fraud as dealt with in the Theft Acts 1968 and 1978; handling stolen property; robbery (in outline only).

Pre-Requisites: The course is compulsory for LL.B. Part I students. There are no pre-requisites for it.

Teaching Arrangements: Teaching is by weekly seminar (LL107) lasting for two hours. There will also be one weekly lecture. Detailed reading lists are provided and students are expected to be fully prepared beforehand in order to be able to participate. Seminars will be taken by Ms. Temkin, and by Professor L. H. Leigh (office number A540).

Written Work: This will be set by the teacher in charge of the seminar. A minimum of two pieces of written work will be required, usually one essay and one problem.

Reading List: Students will be expected to have read the relevant chapters on the topics set out above in one of the two major textbooks, viz. Glanville Williams, *Textbook of Criminal Law*, (2nd edn. 1983); J. C. Smith & B. Hogan, *Criminal Law* (5th edn. 1983). They will also be expected to read all cases and materials marked as primary on the detailed reading lists provided. Additional reading in the shape of cases and materials designated as secondary is also set out on the reading sheets.

Students will find it advantageous to purchase either D. W. Elliott and J. C. Wood, *Casebook on Criminal Law* (4th edn.) or C. Clarkson and H. Keating, *Criminal Law: Text and Material* (1984).

Examination Arrangements: One three-hour paper. Four questions to be answered out of nine.

LL5041

Law of Tort

Teacher Responsible: Mr. I. G. F. Karsten, Room A362 (Secretary, A302)

Course Intended Primarily for LL.B. students, 2nd year.

Scope: The aim of the course is to introduce students to the principles of English law governing civil wrongs known as torts and critically to review the extent to which those principles meet the needs of the society.
Syllabus: *Introduction:* the interests protected by law of tort; the bases of liability; the efficiency of the law of tort as a means of compensation for personal injuries; alternative schemes of compensation.

International torts causing personal injuries: trespass to the person; the relationship between trespass and negligence; assault; battery; *Wilkinson v. Downton*; defences to intentional torts.

Negligence causing personal injuries: the rise of negligence; elements of the tort; the duty of care; the standard of care; *res ipsa loquitur*; nervous shock; remoteness of damage; occupiers' liability contributory negligence; *volenti non fit injuria*; principles of assessment of damages; reform generally.

Additional functions of the law of tort: nuisance; *Rylands v. Fletcher*; fire; conspiracy; intimidation; inducing breach of contract; statements causing economic loss; deceit; injurious falsehood; negligent statements; liability for economic loss caused by negligence; false imprisonment; abuse of process and malicious prosecution; defamation.

Other topics: joint tortfeasors; vicarious liability; breach of statutory duty; abuse of rights; remedies for maladministration.

Pre-Requisites: Students must have passed the intermediate LL.B. examination.

Teaching Arrangements: The course is taught by means of two lectures (LL106) per week and one class (LL106a) per week. The basic work will be done through the classes, with the same class teacher being responsible for his class throughout the course. The lectures are intended to supplement rather than duplicate the classes; they will be given by a number of different lecturers, who will introduce particular topics forming part of the syllabus, with the intention of stimulating further thought.

It follows that the lectures will not cover the entire syllabus, although they will cover a substantial part of it. The classes will cover most of the syllabus, but there may be one or two minor topics which will only be covered in the lectures.

Written Work: This will be set by class teachers who will mark and return the work. Normally, a student will be expected to produce two pieces of written work in the first term of the course and two pieces of written work in the second term. The written work will normally consist either of an essay or of a problem.

Reading List: Students are strongly recommended to take the advice of their class teacher as to the books to be read. The books most commonly used are the latest editions of Winfield & Jolowicz, *Law of Tort*; and Salmond, *Law of Torts*; together with Atiyah, *Accidents, Compensation and the Law*; but each class teacher will give his students detailed guidance.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for the course.

There is a resit examination in this paper in September.

LL5060

Commercial Law

Teacher Responsible: Dr. D. A. Chaikin, Room A359, (Secretary, Pam Hodges, A369)

Course Intended Primarily for B.Sc. (Economics) Part II students. B.Sc. (Management Sciences) 2nd or 3rd year. Diploma in Accounting. Diploma in Business Studies.

Scope: The aim of this course is to introduce non-law students to the fundamental principles and problems of contract law, company and revenue law.

Syllabus:

(1) Contract: essentials of a valid contract; capacity; privity; content; factors of invalidation; discharge; remedies.

(2) Company Law: incorporation; constitutional documents; ultra vires doctrine; liability of the company; directors; majority rule and minority protection; maintenance of capital.

(3) Revenue Law: tax avoidance and tax evasion; income tax and corporation tax; capital gains tax and capital transfer tax.

Pre-Requisites: There is no pre-requisite law subject for this course.

Teaching Arrangements: Each week for 20 weeks there are two lectures (LL161) of one hour duration, accompanied by a class (LL161a).

Lectures:

Contract – R. Schuz

Company – D. Chaikin

Revenue – J. Freedman

Equal time will be devoted to contract, company and revenue. (7 weeks each).

Classes: selected problems and essays will be discussed in class.

Reading List: (1) Recommended: G. H. Treitel, *An Outline of the Law of Contract*; Northey & Leigh, *Introduction to Company Law*; Pinson, *Revenue Law*.

Supplementary Reading List: G. H. Treitel, *The Law of Contract*; C. D. Thomas, *Company Law for Accountants*.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the full syllabus. The paper contains eleven questions, of which four are to be answered. The examination counts for 100% of the assessment of the course.

LL5062

Elements of Labour Law

Teacher Responsible: Mr. R. C. Simpson, Room A461 (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for 2nd or 3rd year B.Sc. (Econ.) Part II & B.Sc. Management Sciences.

Scope: The aim of the course is to examine the role of the law in British industrial relations. It is divided into two parts. The first covers collective labour relations between trade unions and employers. The second is concerned with the individual labour relationship between each individual worker and his or her employer.

Syllabus: Collective 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 trade union management; admission and expulsion; members' rights; union democracy; union political activities; mergers, inter-union relations.

Collective bargaining and the law: union recognition; legal status of collective agreements; disclosure of information, "fair wages"; wages councils.

Legal regulation of strikes and other forms of industrial conflict; picketing; individual workers' rights; civil liabilities for organising industrial action; state emergency powers.

Individual labour law:

Legal nature of individual employment relationship; employees contrasted with self-employment; relationship of individual contract to collective agreements.

Individual rights during employment: pay; hours – time off work; holidays; sickness – statutory sick pay.

Discrimination in employment: women's rights – equal pay, sex discrimination, maternity; discrimination on racial grounds.

Termination of employment: different types of termination; rights of dismissed employees – wrongful dismissal, unfair dismissal, redundancy.

Health and Safety at work.

Pre-Requisites: While any previous knowledge and/or experience of the law in industrial relations is an advantage it is NOT essential.

Teaching Arrangements:

Lectures: LL162 *Elements of Labour Law* 20 Michaelmas and Lent.

Classes: LL162a 20 Michaelmas and Lent.

The lectures and classes are complementary. The lectures will cover all the above syllabus. The classes will follow the lectures and cover the topics in the same order as the lectures. Students will be required to do one piece of written work in each term. Classes will normally be conducted on the basis of general discussion of a particular topic.

Written Work: See above.

Reading List: Students are advised to purchase the following: Wedderburn, *The Worker and the Law*; Bain & Lewis (Eds.), *Labour Law in Britain*.

They should consult the following regularly:

Kahn Freund, *Labour and the Law*; Davies & Freedland, *Labour Law, Text & Materials*; Hepple & O'Higgins, *Employment Law*.

Supplementary Reading List: Lewis & Simpson, *Striking a Balance? Employment Law after the 1980 Act*; Elias, Napier & Wallington, *Labour Law, Cases and Materials*; McMullen, *Rights at Work*. 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 questions of which four have to be attempted.

LL5100

Jurisprudence

Teacher Responsible: Mr. D. N. Schiff, Room A460 (Secretary, Pam Hodges, A369)

Course Intended Primarily for 3rd year LL.B. students.

Scope: Introduction to philosophy of law and to topics in moral and political philosophy of special interest to lawyers.

Syllabus: Philosophy of Law: Theories of Aquinas, Austin, Hart, Fuller, Kelsen, Olivercrona, Dworkin. Political Theory: Theories of Mill, Marx, Bentham and Rawls.

Selected issues: Role of Courts in a democracy, theories of punishment, obligation and obedience to law, limits of the criminal law.

Pre-Requisites: None.

Teaching Arrangements: 2 lectures (LL108) each, 1 class (LL108a) each.

Written Work: Students are encouraged but not required to write one essay each term.

Reading List: Austin, *Province of Jurisprudence Determined*; Hart, *The Concept of Law*; Kelsen, *The Pure Theory of Law*; Dworkin, *Taking Rights Seriously*; Fuller, *The Morality of Law*; Mill, *On Liberty*; Bentham, *Introduction to the Principles of Morals and Legislation*; Marx, Selections in *Marx and Engels on Law*; Rawls, *A Theory of Justice*; Devlin, *The Enforcement of Morals*; Hart, *Punishment and Responsibility*.

Examination Arrangements: 3 hour formal examination in Summer Term.

LL5105

Property II

Teacher Responsible: Mr. W. T. Murphy, Room A361 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.B. Part I and II.
Scope: The aim of the course is to explore key conceptual problems and policy issues in Equity and the Law of Trusts.

Syllabus: The general principles of the law of trusts: the formation of private and charitable trusts. Discretionary and Protective Trusts. Implied constructive and resulting trusts. The administration of a trust. Duties and discretions of trustees. Breach of trust and remedies therefor. The general nature of equitable principles and remedies. Historical and contemporary social and economic functions of the trust form: the trust and wealth accumulation; the trust and tax-avoidance; the trust and pension funds.

Pre-Requisites: A knowledge of land law and the distinction between law and equity is essential.

Teaching Arrangements: One lecture course (LL110) of between 40 and 44 lectures accompanied by a weekly class (LL110a).

Reading List: D. B. Parker & A. R. Mellows, *The Modern Law of Trusts*; R. H. Maudsley & E. H. Burn, *Cases and Materials on Trusts and Trustees*; J. A. Nathan & O. R. Marshall, *Cases and Commentary on the Law of Trusts*.

Examination Arrangements: There is a three hour formal examination in the Summer Term on which the entire assessment for the course is based.

LL5110

Mercantile Law

Teacher Responsible: Heather Rogers, (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.B. students – generally in 3rd year.

Scope: A study of selected commercial law topics presently, sale of goods, agency and consumer credit.
Syllabus: *Sales:* all aspects of sale of goods, but particularly implied terms, consumer protection legislation, the passing of property in goods and transfer of title by non-owners, remedies.
Agency: the acquisition, use and loss of an agent's authority to act on behalf of a principal; rights and remedies of agents and principals between themselves and towards third parties.

Consumer Credit: common law background and Consumer Credit Act 1974 with particular emphasis on hire purchase and conditional sales.

Pre-Requisites: Knowledge of Contract essential; Tort and equity very useful.

Teaching Arrangements: There will be two lectures (LL114) a week and weekly classes (LL114a). Andrew Nicol teaches both. An outline with main topics, cases and other references is distributed at the beginning of each of the three sections. Work sheets are given out for each class.

Lectures: Rooms and times to be announced.

Classes: Rooms and times to be announced.

Written Work: Generally three pieces (problem and essays) in the course of the year will be set and discussed in classes.

Reading List 1. Introductory Reading: Ross Cranston, *Consumers and the Law* (2nd edn. 1984).

2. Textbooks: Sweet & Maxwell's, *Commercial Law Statutes*; Atiyah, *The Sale of Goods* (7th edn.); Fridman's, *Law of Agency* (5th edn.); Diamond, *Consumer and Commercial Credit*.

3. Reference: Bejamin's, *Sale of Goods* (2nd edn.); Miller & Lovell, *Product Liability*; Markesinis & Munday, *An Outline of the Law of Agency*; Bowstead on *Agency* (14th edn.); R. Powell, *The Law of Agency*; S. J. Stoljar, *The Law of Agency*; Goode, *The Consumer Credit Act, A Student's Guide*; *Commercial Law* (1982); Goode, *Commercial Law*.

This will be supplemented by reference to articles and other books in the lecture outline.

Examination Arrangements: Students have a choice of methods of assessment. They may opt either for a 3 hour examination at the end of the year; or to write 3 essays during the course of the year.

The 3 essays: are each of about 3,000 words and coincide with the three sections of the course. The title must be chosen from a list given out approximately 4 weeks after lectures on the relevant section commence. There is about a month between this time and the deadline for the submission of the essay. A short oral exam is held in mid-May.

The examination: The paper is divided into three sections, corresponding approximately to the sections of the course. Each section has both essay and problem questions. One of the three questions required must be taken from each section. Prescribed statutes can be taken into the exam.

Students wishing to write the essays must make their choice known by the beginning of November, but can change their minds and decide to take the examination up to the beginning of the Lent Term.

LL5111

Law of Business Associations

Teacher Responsible: Dr. D. A. Chaikin, Room A359 (Secretary, Pam Hodges, A369)

Course Intended Primarily for 3rd year LL.B. Part II students.

Scope: This course considers the main legal principles governing the various types of enterprises carrying on business in England. It will cover the main incidents of the law of partnership and registered corporations. It will also briefly refer to other special types of

associations such as unincorporated associations, unit trusts, insurance companies and Trustee Savings Banks.

Syllabus:

(1) *Partnership:* The nature of partnership; relation of partners externally and *inter se*; partnership property; dissolution of partnership.

(2) *Basic Company Law:* (a) Introduction to history of company law and company law reforms; company administration. (b) Types of companies and their functions; the process of incorporation; preincorporation contracts; corporate personality. (c) Constitution; the doctrine of ultra vires; the contract in the articles; the liability of the company in contract, tort and crime; the distribution of power in a company. (d) Duties of directors, fraud on the minority, class rights. (e) Company finance – classes of securities, floating charges; maintenance of capital; regulation of public offers. (f) Reconstruction, Mergers, Winding Up and Takeovers. (g) Enforcement of Company Law, Investigations.

Pre-Requisites: Some background knowledge of contract and agency principles, as well as trust law, is desirable but not essential.

Teaching Arrangements: There are 35 lectures (LL117), two lectures per week, each accompanied by a class (LL117a) as follows:

Lectures: D. Chaikin and J. Freedman

Classes: D. Chaikin and J. Freedman

Selected essay questions and problems in partnership (7 lectures) and company law (28 lectures) will be discussed in class.

Written Work: There will be two written assignments each term.

Reading List: Recommended: Northey & Leigh's, *Introduction to Company Law* (2nd edn. 1981); Gower's, *Principles of Modern Company Law* (4th edn. 1979) and Supplement (1981); J. H. Farrar, *Company Law* (1985); Underhill's, *Principles of the Law of Partnership* (11th edn. 1981); *The Company Lawyer*, (bi-monthly periodical, Oyez Longman).

Supplementary Reading List: L. S. Sealy, *Cases and Materials on Company Law* (3rd edn. 1985); H. R. Hahlo, *Casebook on Company Law* (2nd edn. 1977); CCH, *British Companies Legislation* (1985).

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the full syllabus. The paper contains 9 questions of which 4 must be answered. The paper counts for 100% of the assessment. Students are permitted to bring into the examination their own copies of the *Partnership Act 1890* and the *Companies Acts 1985*.

LL5112

Labour Law

Teacher Responsible: Professor Lord Wedderburn, Room A301, (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for LL.B. students.

Lectures are also suitable for students studying Labour Law in the M.Sc. (Id115) Diploma and Management Studies and Trade Union Studies. Students taking LL224 (LL.M., Law of Management in Labour Relations) who have inadequate knowledge of up-to-

date British labour law, should attend lectures in this course in Michaelmas Term.

Syllabus: (in outline) The contract of employment; "employees" and "workers". Formation and content of the contract. Statutory and common law regulation of obligations and rights of employer and employee. Discrimination in employment. Equal pay.

Termination of employment – redundancy; unfair dismissal; notice; remedies. Industrial tribunals.

Collective bargaining and the law. The right to organise; closed shops; recognition of unions and disclosure of information. Statutory support for collective bargaining. Collective agreements.

Trade unions, legal structure and members' rights. Industrial conflict – strikes, lock-outs etc. Trade disputes; social security; conciliation and arbitration.

Pre-Requisites: A good knowledge of the basic legal subjects (especially Contract, Tort, Property and Criminal Law). The option is open to LL.B. students in their second and third year, but most students, find it better to study this subject in their third year.

NOTE: Further information is available in the Law Department's annual *Memorandum on Options available for Parts I and II of the LL.B. Degree*.

Teaching Arrangements: Professor Lord Wedderburn, Mr. R. C. Simpson and Dr. J. Fulbrook normally teach the course. There are normally lectures and classes as follows:

LL115: 40 lectures, two each week in Michaelmas and Lent Terms.

LL115(a): 24 classes, one each week in Michaelmas and Lent Terms and 4 in Summer Term.

Reading List: Students should read a basic text book. Usually B. Hepple & P. O'Higgins, *Employment Law* is recommended or, now, K. W. Wedderburn, *The Worker and the Law* (3rd edn. 1986). They will also need either Butterworth's *Employment Law Handbook* or Sweet and Maxwell's *Labour Relations. Statutes and Materials* (plus any statutory material later in date).

Various other works will be recommended in the course, such as O. Kahn-Freund, *Labour and the Law* (ed. P. Davies & M. Freedland); P. Davies & M. Freedland, *Labour Law, Text and Materials*; R. Lewis & R. C. Simpson, *Striking a Balance? Employment Law After the 1980 Act*; Wedderburn, R. Lewis & J. Clark (Eds.), *Labour Law and Industrial Relations*; R. Lerris (Ed.), *Labour Law in Britain* (1986).

Examination Arrangements: There is a three-hour written examination. Candidates are allowed to take with them into the examination an *unmarked* copy of the statutory materials specified for the relevant year. The paper is normally in two parts and candidates are asked to answer questions in both parts. When answers are required to a certain number of questions, failure to answer that number can lead to failure in the subject even if the answers offered are above the pass level.

LL5113

Law of Evidence

This course will be taught at King's College with a weekly class at LSE.

Course Intended Primarily for LL.B. Part I or II (Whole Unit)

Scope: This course will appeal to students interested in legal practice, specially those interested in advocacy as members of the bar or solicitors or in preparing and conducting litigation. Although it can be seen as a preparation for the professional examinations it confers no exemption, and the course is more academic than the professional courses, being concerned to examine principles and concepts and to discuss reform of the law. It is not really suitable for anyone without a basic training in law as it presupposes considerable legal knowledge.

Examination Arrangements: There will be one three-hour examination.

LL5114

Conflict of Laws

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.B. degree.

Scope: This subject concerns the legal problems resulting from a situation which has contacts with more than one country: how does the English legal system deal with international cases of a private (not government-to-government) nature?

Syllabus:

General: Introduction; domicile; jurisdiction; foreign judgements; theories of choice of law; procedure and proof of foreign law; characterisation; renvoi; the incidental question; public policy.

Contact: Proper law doctrine; essential validity; interpretation, effects and discharge of contracts.

Torts: Choice of law; proper law; American doctrines; places of commission of a tort.

Family Law: Formal and essential validity of marriage; polygamy; divorce jurisdiction; recognition of foreign divorces; nullity jurisdiction; recognition of foreign nullity decrees.

Property: Movables and immovables; assignment of movables; matrimonial property.

Succession: Intestate succession; formal and essential validity of wills; construction; administration of estates.

Pre-Requisites: A good knowledge of law; students are not recommended to take this course before their third year of the LL.B. course.

Teaching Arrangements: Lecture course and seminars: Lectures: LL113 twice weekly sessional.

Seminars: LL113a - Michaelmas and Lent Terms.

Reading List: To be bought: J. H. C. Morris, *The Conflict of Laws*; Optional: J. H. C. Morris and P. M. North, *Cases and Materials on Private International Law*.

Reference: G. C. Cheshire, *Private International Law*; J. H. C. Morris, *Cases on Private International Law*; A. V. Dicey & J. H. C. Morris, *Conflict of Laws*; Sir Otto Kahn-Freund, *Principles of Private International Law*.

Full reading lists and problem sheets are provided for the seminars and students are expected to work through these in advance. Some topics dealt with in lectures and seminars are not covered in the textbooks. For this reason good attendance is important.

Examination Arrangements: Normal three hour written examination paper.

LL5115

Administrative Law

Teacher Responsible: Dr. C. Harlow, Room A463 (Coordinating Member of Staff) (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for 2nd or 3rd year LL.B. students.

Scope: The course examines the law relating to public administration and, in particular, the possibilities, limitations and desirability of legal intervention.

Syllabus: History and theories of Administrative Law; the Administrative Process and its characteristics; Administrative Tribunals; Judicial Review and the Ombudsmen; Administrative Compensation and Liability. Special studies will be made of the relationship between Administrative Law and (i) Land Use Planning; (ii) Welfare Benefits; (iii) Immigration Control.

Pre-Requisites: None.

Teaching Arrangements: (1) Seminars (LL126) held weekly. These are conducted by Dr. Harlow and Mr. R. Rawlings (Secretary, Mrs. S. Hunt, A304).

(2) Occasional seminars, conducted jointly with visiting speakers in the Lent Term.

Written Work: A minimum of two essays will be required.

Reading List: The standard text is Harlow and Rawlings, *Law and Administration* (1984) which should be bought. Further reading includes the following list. Books marked with an asterisk have two copies available in the Teaching Library. Articles will be recommended and supplied. P. Craig, *Administrative Law* (1983)*; M. Dimock, *Law and Dynamic Administration* (1980)*; K. C. Davis, *Discretionary Justice* (1969)*; G. Ganz, *Administrative Procedures* (1974)*; D. Foulkes, *Administrative Law* (1972)*; Bailey, Cross & Garner, *Cases and Materials in Administrative Law*; J. Beatson & M. H. Matthews, *Cases and Materials in Administrative Law* (1983); M. Partington & J. Jowell, *Welfare Law and Policy*; M. Adler & A. Bradley, *Justice, Discretion and Poverty*; M. Adler and R. Asquith, *Welfare Law and Discretion*; J. B. Cullingworth, *Town and Country Planning*; P. McAuslan, *Ideologies of Planning Law*; C. Jones, *Immigration and Social Policy in Britain*; L. Grant & I. Martin, *Immigration, Law and Practice*; C. Harlow, *Compensation and Government Torts* (1982); R. Gregory & P. Hutchesson, *The Parliamentary Ombudsman*; N. Lewis & B. Gateshill, *The Commission for Local Administration: A Preliminary Appraisal*; R. Wraith & P. Hutchesson, *Administrative Tribunals*; R. Wraith & G. Lamb, *Inquiries as an Instrument of Government*.

Examination Arrangements: One three hour examination. The paper will contain nine questions of which four are to be answered.

LL5116

Legislation

Teacher Responsible: Joe Jacob, Room A469 (Secretary, Mrs. S. Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II.

Scope: The examination is by extended essay on a subject of the student's choice and approved by Joe Jacob rather than by a written paper. The teaching is therefore of two types. There is a series of seminars on various aspects of the legislative process. Some of these will be given by outside speakers including, it is hoped as in previous years, Ministers, former Ministers, civil servants (or officials of Parliament). These occasions give students the opportunity to hear and discuss issues with first-hand experts in their fields.

The second aspect of the teaching relates to the essay. The essay itself should throw some new light on the legislative process. This may be done either by a case study of e.g. the passage of a Bill or by examining the operation of a legislative institution. It is to be noted that some of the most rewarding case studies have been on a basis which includes looking at Departmental files at the Public Record Office.

In approving the subject of an essay, account is taken of whether it is within the syllabus and the proposed methodology including the availability of materials. Although Joe Jacob makes every endeavour to be available to discuss or read drafts or parts of drafts of the essay, it is important to note that writing an extended essay imposes a measure of self-discipline on the student in relation to the time table for its submission and his work in other subjects. The word-processing of the essay from its first draft is encouraged.

Syllabus:

1. Sources of Legislation: Pressure Groups; Royal Commission and Committee Reports; The Law Commission; The Civil Service; Cabinet Committees.
2. Parliamentary Procedure and Scrutiny of Legislation: Standing Committees; Delegated Legislation; Private Bills; The Role of the House of Lords.
3. The Role of Private Members: (a) Government Bills and (b) Private Members Bills.
4. Ethics: Lobbying; Conflict of Interest.
5. Draftsmanship and Parliamentary Counsel.
6. Interpretation of Statutes and the Role of the Courts.
7. Statutory Instruments.
8. Access to Legislation.
9. The reform of each of the above matters.

Pre-Requisites: There are none beyond entry to Part I.

Teaching Arrangements: Seminar (LL121), two hours each week. See Scope above.

Reading List: S. Walkland, *The Legislative Process in Great Britain*; The Renton Report, *The Preparation of Legislation* Cmnd. 6053 (1975); J. A. G. Griffith, *Parliamentary Scrutiny of Government Bills*: A. Barker & M. Rush, *The Member of Parliament and his Information*; B. Crick, *The Reform of Parliament*; A. Hanson & B. Crick (Eds.), *The Commons in Transition*; D. Leonard & V. Harman (Eds.), *The Backbencher and Parliament*; P. Richards, *The Backbenchers*; M. Rush and M. Shaw, *The House of Commons: Services and Facilities*; Thornton, *Legislative Drafting*; Craies, *Statute Law*; Maxwell, *Interpretation of Statutes*; Erskine May, *Parliamentary Practice*; I. Burton & G. Drewy, *Legislation and Public Policy*.

Examination Arrangements: The essay will be about 10,000-12,000 words in length. It is preferred that it is

typed. It must be submitted by the end of the Lent Term. There will be an oral examination soon after the beginning of the Summer Term. This will test further the student's knowledge and understanding of the subject on which he has written his essay and the syllabus in general. In assessing the final result both the essay and an oral examination will be taken into account.

LL5117

Local Government Law

Teacher Responsible: Mr. Martin Loughlin, Room A355 (Secretary, A302)

Course Intended Primarily for 2nd and 3rd year LL.B.

Syllabus: The nature of local government. The development of local government in England and Wales since 1834. The structure of local authorities. The movement for reform in Greater London and elsewhere. The financing of local government. The local government franchise. The composition of local authorities. The committee system and the position of local government officers. The administrative, legislative and judicial powers and procedures as they affect the housing, town and country planning, and education functions of local authorities. Judicial review of administrative action as it affects local authorities. The criminal, contractual and tortious liability of local authorities. The doctrine of *ultra vires*.

Teaching Arrangements: There will be a course of six 2-hourly lectures (LL118) delivered during the first three weeks of the Session. Thereafter supervision is on a one to one basis. Teachers: Martin Loughlin, John Griffith and Richard Rawlings.

Reading List: M. Loughlin, *Local Government in the Modern State*; W. O. Hart, *Introduction to the Law of Local Government and Administration* (9th edn.); R. Buxton, *Local Government* (2nd edn.); C. A. Cross, *Principles of Local Government Law* (6th edn.); J. A. G. Griffith & H. Street, *Principles of Administrative Law* (5th edn.); J. A. G. Griffith, *Central Departments and Local Authorities*; W. A. Robson, *Local Government in Crisis* (2nd edn.); J. F. Garner, *Administrative Law* (4th edn.); S. A. de Smith, *Judicial Review of Administrative Act* (3rd edn.); H. W. R. Wade, *Administrative Law* (4th edn.); P. G. Richards, *The Reformed Local Government System* (revised 3rd edn.); N. P. Hepworth, *The Finance of Local Government* (revised 4th edn.); B. Keith-Lucas & P. G. Richards, *A History of Local Government in the Twentieth Century*.

Examination Arrangements: There will be no examination paper. Instead, each student will be required to write an essay on one subject and to submit to an oral examination on the subject of the essay and its background. The essay will be about 10,000-12,000 words in length.

LL5118

Domestic Relations

Teachers Responsible: Dr. S. A. Roberts, Room A360 (Secretary, Debra Martin, A371) and R. Rawlings, Room A356 (Secretary, Susan Hunt A304)

Course Intended Primarily for LL.B. 2nd or 3rd year and LL.B. with French Law 4th year.

Scope: The aim of the course is to examine issues of contemporary importance in the law of domestic relations and to investigate the development and policy of this branch of the law.

Syllabus: (a) Introduction: the function and development of domestic relations law; scope of the protective jurisdiction; alternative to judicial regulation: contracts between spouses and between married cohabitants; procedure and institutions.

(b) Legal marriage: recognition of alternative institutions: polygamous marriages; marriage between affines, transsexual and homosexual capacity; unmarried cohabitation.

(c) Legal intervention during marriage; 'support' for marriage: youthful marriages; financial provision during marriage, assessment of maintenance in small income cases, links with public support schemes; the developing law of matrimonial property; ownership, control and occupation rights; co-ownership schemes; treatment of domestic and other violence; injunctions.

(d) Marriage breakdown: issues of divorce law reform; conciliation and reconciliation; implementation of Part I Matrimonial Causes Act 1973, financial provision and property adjustment on divorce and death; children in divorce; the concept of custody; principles and procedure for the resolution of custody disputes; children caught between two parties; access, adoption and change of name.

(e) Aspects of law relating to children; independence of children in disputes between their parents; extra-marital children; adoption; representation of children; wardship; control of local authorities.

Pre-Requisites: A willingness to exercise independent judgement and commitment to the aims of the course outlined above.

Teaching Arrangements: There is one lecture and one seminar every week.

Lectures:

LL116 Domestic Relations.

Seminar:

LL116(a)

A course outline will be distributed. This will introduce the topics covered in the course, contain case, statute, periodical and other references and will raise issues for discussion in seminars. It is intended to provide the framework for the course and examination. Students should note that some topics to be discussed in classes will not be covered in lectures and should be prepared to work independently in the first instance where this is the case.

Written Work: may be required by seminar teachers.

Reading List and Texts: The Course Outline will contain references etc. The recommended texts are either Cretney, *Principles of Family Law* (4th edn.); or Bromley, *Family Law* (6th edn.); Eekelaar, *Family Law & Social Policy* (2nd edn.); Sweet & Maxwell's *Family Law Statutes* (3rd edn.).

Examination Arrangements: Three hour examination in the Summer Term. Four questions out of at least ten should be answered. There are no compulsory questions. All questions carry equal marks. The paper is not divided into sections.

Students may use their own copy of Sweet & Maxwell's *Family Law Statutes* in the examination in accordance with School and University Regulations.

LL5119

Housing Law

Teacher Responsible: Mr. R. L. Nobles, Room A539 (Secretary, Colleen Etheridge, A502)

Course Option for Part I and II - LL.B. degree. Students taking this course also have to take LL146 **Law of Landlord and Tenant.**

Scope: This course allows students who have taken **Law of Landlord and Tenant** to look at issues in Housing Law. The seminars introduce a wider context of Housing Law and a number of topics not specifically addressed in **Law of Landlord and Tenant.** The Lent seminars, and the Landlord and Tenant option, provide the background knowledge for a supervised research essay on an area of Housing Law.

Syllabus:

1. *The Housing Context:* The history of urban housing development and the problems that are attached to such developments. Development of twin "codes" of housing law and public health law. Introduction of rent control. The rise of council housing policies. Current housing problems. Definitions of housing problems; causes of such problems. Housing finance as source of housing problems.

2. *Squatting:* An examination of the development of this self-help remedy to homelessness and the judicial and legislative response.

3. *Housing (Homeless Persons) Act 1977:* A legislative remedy for homelessness. A review of the judicial response.

4. *Council Tenancies:* The duties of local authorities; the rights of tenants; the obligation to re-house; administration of housing estate; eviction procedures.

5. *Owner-Occupation:* A review of the liabilities of mortgagors and mortgagees. Comparison with the landlord and tenant relationship. Consideration of the regulation of building societies.

Teaching Arrangements: Seminars (LL125): Five in the Lent Term.

Reading List: M. Partington, *Landlord and Tenant*; Tiplady, *Housing Welfare Law*; Hudson, *On Building Contracts*; Enid Gouldie, *Cruel Habitations*; T. Hadden, *Housing: Repairs and Improvements*; D. Hoath, *Homelessness*; S. Merrett, *Owner-Occupation in Britain*; A. Nevitt, *Housing Taxation and Subsidies*; M. Boody, *The Building Societies*; A. Pritchard, *Squatting*; Sweet & Maxwell, *Public Health Encyclopaedias*. Specialist journals, e.g. *LAG Bulletin*, *ROOF*; statutory material; Rent Acts, Housing Acts and Public Health Acts.

LL5130

The Law Relating to Civil Liberties

Teacher Responsible: Professor L. H. Leigh, Room A541 (Secretary, Mrs. S. Hunt, A304)

Course Intended Primarily for LL.B. Part I and Part II.

Scope: The aim of this course is to discuss civil liberties in England from a domestic standpoint. It accordingly deals with the following: theories of civil liberties; public order, police powers; obscenity; terrorism; contempt of court; freedom of expression; freedom of religion and bills of right.

Syllabus:

A. Theories of civil liberty.

B. Public order: (1) General and historical; (2) Breach of the peace; (3) Legislation relating to public order; (4) Picketing.

C. Police Powers: (1) Approaches to powers; (2) Ancillary powers; (3) Arrest; (4) Stop and search; (5) Powers on arrest; (6) Entry, search and seizure; (7) Disciplining the police; (8) Institutional position of the police.

D. State Security, including the Official Secrets Act and D Notices.

E. Obscenity, including obscene literature, films etc.

F. Freedom of expression, including contempt of court.

G. Freedom of religion (various manifestations).

H. Bills of Rights - should we have them and if so what model?

Pre-Requisites: There are no pre-requisites for this course, save successful completion of the Intermediate stage.

Teaching Arrangements: This is a seminar course. 20 two-hour seminars (LL129) are held in Michaelmas and Lent Terms. There are no lectures. Seminars are held on Thursday afternoon between 4-6 p.m., room to be notified.

Written Work: Term essays will be required but these do not count towards the class degree. In general two essays per term will be required. Professor Leigh and Mr. A. G. Nicol will be responsible for setting, marking and discussing work.

Reading List: Detailed reading lists are available from Mrs. Hunt. In general students might see the following: J. S. Mill, *On Liberty*; H. Street, *Freedom, The Individual and the Law*; G. Marshall, *Constitutional Theory*; P. O'Higgins, *Cases and Materials on Civil Liberties*; D. J. Harris & B. L. Jones, *Civil Liberties, Cases and Materials*; S. A. de Smith, *Constitutional and Administrative Law*; I. Brownlie, *Law of Public Order and National Security* (2nd edn. M. Supperstone, 1982); W. Laqueur & M. Rubin, *The Human Rights Reader* (1979); M. Zander, *The Police and Criminal Evidence Act 1984* (1985); L. H. Leigh, *Police Powers in England and Wales* (2nd edn. 1985). **Supplementary Reading List:** For this, please refer to Mrs. Hunt. The following are however of interest: I. Berlin, *Two Concepts of Liberty*; J. Childress, *Civil Disobedience and Political Obligation*; J. Rawls, *A Theory of Justice*.

Examination Arrangements: This course is examined by a three hour written examination in the Summer Term. In general ten questions are set of which four are to be answered. Any student seriously considering this course should secure the detailed reading list from Mrs. Hunt.

LL5131

Public International Law

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II; B.Sc. (Econ.) Parts I and II; B.Sc. c.u.

Scope: The aim of the course is to introduce students to the nature, role and content of public international law.

Syllabus: Theoretical questions concerning the nature and basis of international law, the basis of obligation, methods of development. Sources. Relationship with national law. Participants in the international legal system: how international law affects states, governments, corporations, individuals. The concept of recognition. Title to territory. Nationality. Aliens and international law: state responsibility, duties owed to aliens; human rights. Jurisdiction: the authority to assert competence over persons, property and events. Immunity from jurisdiction. The law of treaties; international claims; dispute settlement. The use of force: permitted and impermissible uses of force; self-defence; intervention; an introduction to the relevant provisions of the UN Charter.

Teaching Arrangements: Lectures: The lecture course is given by Professor Higgins, Dr. Birnie and Dr. Shaw, and consists of two hours for 10 weeks in Michaelmas and Lent Terms and for one week in the Summer Term. LL112. Classes: Students receive one hour of classes per week for 10 weeks in Michaelmas and Lent Terms; and one hour for 4 weeks in Summer Term. LL112(a). Weekly teaching of one hour in Michaelmas, Lent and Summer Terms. LL112(b).

Reading List: Students are advised to buy Harris, *Cases and Materials on International Law*. LL.B. students will find it useful to refer to Brownlie, *Principle of Public International Law* (3rd edn.). All students will need Brownlie *Basic Documents on International Law* (2nd edn.). Reading of book extracts from these and other books, along with articles and cases, is assigned on a weekly basis.

Examination Arrangements: There is a three hour formal examination in the Summer Term, based on the entire syllabus. There are usually 10 questions, of which 4 are to be answered. The paper comprises both essays and problem questions. Class teachers also require essays in the Michaelmas and Lent Terms.

LL5132

International Protection of Human Rights

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II; B.Sc. (Econ.) Part II.

Scope: Introduction to the rapidly developing international law of human rights, both at a universal and regional level.

Syllabus: *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. Also various non-institutional methods for promoting human rights, including treaty making and the question of the incorporation of international rights into domestic law.

The European Convention on Human Rights: about one third of the course is devoted to a study of the institutions of the European Convention and the case law on particular rights (drawing in large measure on European Convention case law). Among the rights examined through the case law are freedom of expression; access to courts; fair trial; freedom from torture; and others.

Pre-Requisites: Students need to have already taken a course in **Public International Law** or in **Civil Liberties Law**.

Teaching Arrangements: This course is taught by 1½ hour weekly seminars (LL226) 10 in Michaelmas Term, 10 in Lent Term; supplemented by writing requirements and consultation on these.

Reading List: All students should purchase Brownlie, *Basic Documents on Human Rights*, (3rd edn.) and Van Dijk and Van Hoof, *Theory and Practice of the European Convention on Human Rights*. Required reading of extracts from books, articles, journals 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 Summer Term, based on the syllabus in the Michaelmas and Lent Terms. There are usually 8 questions, of which 4 are to be answered. The paper comprises both essay and problem questions.

LL5133

Introduction to European Law

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.B. degree.

Scope: An introductory course on the law of the E.E.C. **Syllabus:** *Introduction:* the institutions of the Community; their structure and functions.

Constitutional and Administrative Law of the Communities: nature and sources of Community law; Community law and the national law of Member States; preliminary rulings by the European Court; judicial remedies against Member States; judicial review of Community action (and failure to act); contractual and non-contractual liability of the Community. *Community Law and the Business Enterprise:* Basic principles of competition law; free movement of goods and industrial property rights. *Community Law and the Individual:* Free movement of workers; freedom to provide services; freedom from discrimination.

Pre-Requisites: A reasonable knowledge of law. This course is recommended for second and third year LL.B. students.

Teaching Arrangements: There are two seminars (LL123) a week, Sessional.

The seminars will be by Mr. Hartley. Reading lists and class sheets are provided and students are advised to cover the items on them: they should not rely on the textbook alone.

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.*; Valentine Korah, *An Introductory Guide to EEC Competition Law and Practice*; Derrick Wyatt and Alan Dashwood, *The Substantive Law of the EEC*; T. C. Hartley, *EEC Immigration Law Legislations*; Bernard Rudden & Derrick Wyatt, *Basic Community Laws*.

Students should buy Rudden and Wyatt and either Hartley's *Foundations* or Schermers' book.

Examination Arrangements: Normal three-hour written examination paper. Unmarked copies of Rudden and Wyatt, *Basic Community Laws* or Sweet and Maxwell's *European Community Treaties* may be taken into the examination.

Note: No knowledge of a foreign language is necessary.

LL5134

Basic Principles of Soviet and Yugoslav Legal Systems

Teacher Responsible: Professor I. Lapenna, Room K300 (Secretary, Mrs. Pam Hodges, A369)

Course Intended Primarily for LL.B. Parts I and II 2nd and 3rd year.

Scope: The aim of the course is to introduce students to the constitutional structure and the fundamental legal principles of the two countries, but some attention is paid to the law of other East European countries with a Soviet type of government.

Syllabus: *Introduction:* impact of Marxist ideology, Roman law, legal traditions and local customs; system (branches and institutions) and sources (statutes, codes, decrees, etc); hierarchy of legal enactments and the concept of "socialist legality".

Constitutional law: State ("social") property as basis of the economic structure; national and state sovereignty; federalism; soviets-councils and the Yugoslav commune; human rights in theory and practice; constitutional courts in Yugoslavia.

Legal aspects of economic relations: forms of ownership; legal personality and importance of juristic persons; contracts and torts; state economic plans in the USSR and "social" plan in Yugoslavia.

Criminal Law and procedure: crime as social phenomenon; material and formal definition of crime; liability; types of crimes; esp. crimes against the state, official and economic crimes; rights of the accused; system of punishments; educational measures.

Settling disputes: courts, state and departmental arbitrazh, economic courts, comrades' courts and other judicial bodies; the legal profession.

Pre-Requisites: No knowledge of Russian or any East European language is required.

Teaching Arrangements: One lecture (LL120) of 1½ hours and one class (LL120a) of 1 hour as follows:

Lectures: Sessional (Professor Lapenna)

Classes: Sessional (Professor Lapenna)

Written Work: 2-3 short essays of 600-1,200 words on questions within the course.

Professor Lapenna is responsible for setting, marking and discussing the essays.

Reading List: Students are advised to buy: W. E. Butler, *Soviet Law*; I. Lapenna, *Soviet Penal Policy*.

Other Books: A. P. Mendel, *Essential Works of Marxism*; I. Lapenna, *State and Law: Soviet and*

Yugoslav Theory; A. Denisov and M. Kirichenko, *Soviet State Law*; R. Sharlett, *The New Soviet Constitution of 1977*; I. Lapenna, *Marxism and the Soviet Constitutions*; *Constitutions of the U.S.S.R. and Constitution of the SFR Yugoslavia* (latest editions); H. J. Bermann, *Soviet Criminal Law and Procedure*; A. G. Chloros, *Yugoslav Civil Law*; A. K. R. Kiralfi, *The Civil Code and the Code of Civil Procedures of the RSFSR*.

Supplementary Reading List: D. D. Barry & others (Eds.), *Soviet Law After Stalin* Vol. I, II and III; J. N. Hazard, *Communists and Their Law*; *Settling Disputes in Soviet Society*.

Examination Arrangements: A three-hour written examination in the Summer Term, based on the full syllabus. The paper consists of four sections. A. Theory of State and Law (3 questions), B. Constitutional Law (3 questions), C. Criminal Law and Procedure (4 questions), D. Legal Aspects of Economic Relations (4 questions). Candidates are required to answer four questions, one from each of the four sections. One quarter of the marks are awarded for each of the four answers. Copies of previous years' papers are available.

LL5135

Women and the Law

Teacher Responsible: Jennifer Temkin, Room A459 (Co-ordinating Member of Staff). (Secretary, Mrs. S. Hunt, A304)

Course Intended Primarily for 2nd and 3rd year LL.B. students.

Scope: The course looks at the position of women in society; discrimination and inequality; and the possibilities and limitations of legal intervention.

Syllabus: Specific topics: abortion; violence against women; prostitution; pornography; women and employment - inequality at work; women and family - home and work; reproduction and sexuality; property.

Pre-Requisites: None.

Teaching Arrangements: One two-hour seminar (LL128) held weekly. Seminars are conducted by Ms. Temkin, Mr. Nicol (office number A456), Mr. Murphy (office number A361) and Ms. M. Percival (office number A539).

Written Work: Two essays will be required.

Reading List: No one book covers the entire syllabus. Either materials or detailed reading lists are provided on all topics dealt with.

Background reading: J. S. Mill, *On the Subjection of Women*; Susan Brownmiller, *Against Our Will*; Susan Griffin, *Pornography and Silence*. Hoggett and Atkins, *Women and the Law* (not a course textbook); C. Cockburn, *Brothers*; K. O'Donovan, *Sexual Divisions and Law*.

Examination Arrangements: Those taking the course have a choice of being assessed either by a three-hour examination or on the basis of an essay on an approved topic, of about 12,000 words in length in conjunction with the oral examination required by the London University regulations. Students opting for assessment by examination will be required to answer three

questions, one at least from each of two sections. Students opting for assessment on the basis of an essay must notify the responsible teachers of their decision by the end of the Michaelmas Term.

LL5136

Economic Analysis of Law

Teachers Responsible: Dr. B. V. Hindley, Room S583 (Secretary, Miss S. M. Kirkbride, S85) and Mr. J. R. Gould, Room S676 (Secretary, Mrs. E. M. L. Gowing, S187).

Course Intended Primarily for LL.B. 2nd & 3rd year, B.Sc. (Econ.) 2nd & 3rd year.

Scope: An introduction to applications of elementary microeconomics to law.

Syllabus: 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:

Lectures (LL127): 1 a week.

Classes (LL127a): 1 a week.

Written Work: Students are encouraged but not required to write one short paper each term.

Reading List: Posner, *Economic Analysis of Law* (2nd edn.), Burrows & Veljanovski (Eds.), *The Economic Approach to Law*; Ackerman (Ed.), *Economic Foundations of Property Law*; Kronman & 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*, *International Review of Law and Economics*, *Yale Law Journal*, *Univ. of Chicago Law Review*.

Examination Arrangements: Three-hour formal exam, Summer Term, 12 questions, four to be attempted.

LL5137

Legal and Social Change Since 1750

Teacher Responsible: Professor W. R. Cornish, Room A455 (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.B. Parts I and II and B.Sc. Econ Part II.

Scope: The course aims to present aspects of the historical development of English law in their social, political and economic context during the period 1750-1950.

Syllabus: The relationship of legal and social change in England from 1750 to the present day. The history of the following will be considered.

1. Changes in methods of law-making, administration of the law and dispute adjudication. The influence of ideas and of interest groups upon such changes.

2. Reforms in one or more of the following areas of substantive law: (a) Land law: settlements, inheritance and land reform; conveyancing reform; tenancies; controls over land use and housing. (b) Commercial law: theories of contract and property; credit and its legal regulation; sale of goods and consumer protection. (c) The law governing the formation of capital; the legal control of market dominance and anti-competitive combination. (d) The legal regulation of labour. (e) The prevention of, and compensation for, accidents. (f) The legal foundations of systems of social welfare and education, public and private. (g) Family law: marriage and divorce; family property; children. (h) Criminal Law: its substance, enforcement, and penal consequences.

Pre-Requisites: The course assumes a basic knowledge of the political and economic history of modern Britain. Students who lack this background should obtain the preliminary reading guide for the course, which is available from Professor Cornish's secretary. This is sent to any student who has opted for the course before the summer vacation.

Teaching Arrangements: The course has two meetings, one for two hours (LL124), the other for one hour. The two-hour sessions last throughout the first two terms and continue into the Summer Term. These deal with the substantive topics selected for the year's study. What these will be is to some extent determined by the interests of the students. They are dealt with partly by lecture and partly by discussion of reading that is set in advance. The one-hour sessions (LL124a) deal with aspects of intellectual history and its influence upon law reform. They also involve a mixture of lecture and discussion. They finish in the middle of the second term.

Written Work: Students are expected to complete two essays on particular aspects of the course, one at the end of the first term, the other at the end of the second.

Reading List: There is no one book which covers the whole scope. Students may get a useful introduction particularly to the development of the legal system from A. H. Manchester, *Modern Legal History of England and Wales* (Butterworths, 1980). Other reading will be given in the guides issued for each section of the course.

Examination Arrangements: A three-hour formal examination in the Summer Term is based on all the material dealt with in the course during the year. Three questions have to be answered.

LL5138

Introduction to the Anthropology of Law

Teacher Responsible: Dr. S. A. Roberts, Room A360 (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.B. 2nd or 3rd year students, B.Sc. Anthropology, Sociology, Course Unit.

Scope: The aim of the course is to introduce students to the study of order and conflict in those small-scale

societies which have traditionally been the concern of social anthropologists.

Syllabus:

(1) *The Problem of Order.* An introduction to the development of research into primitive law; theories of order; normative systems; law in relation to political systems and kinship organisation.

(2) *Conflict.* Forms of Conflict. Disputes: Institutions and processes.

(3) *Legal Change.* The development of legal rules and legal systems.

(4) *Pluralism.* Plural normative systems. The relationship of governmental institutions in small-scale societies to those of the state.

(5) *Special Topics.* This year the special topics will be the three following:

(a) *Marriage* – the nature of marriage in preliterate societies; formation of marriage; prestations associated with marriage; termination of marriage. (b) *Inheritance* – the nature of inheritance, rules about devolution; administration of estates. (c) *Land tenure* – the kinds of interest in land recognised in small-scale societies; methods of transfer of such interests.

Pre-Requisites: No special background knowledge is required. The course is particularly appropriate for law students who wish to see their own legal ideas and institutions in a broader context and for anthropology or sociology students who have a special interest in conflict.

Teaching Arrangements: There is a lecture course with supporting classes as follows:

Lectures: LL122 25 Sessional.

Classes: LL122a 24 Sessional (rooms to be announced).

The lectures cover the whole foregoing syllabus. The form the classes take is flexible; topics for discussion and recommended readings are announced weekly in advance in the lectures. Each student is encouraged to pursue individual interests within the framework of the syllabus and to prepare a short paper for class discussion in the Lent or Summer Term.

Written Work: As above.

Reading List: No one book matches the syllabus exactly, but students are advised to buy one of the following which cover a large part of it:

E. A. Hoebel, *The Law of Primitive Man* (Harvard, 1954); L. Pospisil, *Anthropology of Law* (Harper and Row, 1971); P. J. Bohannan (Ed.), *Law and Warfare* (University of Texas, 1967), (A set of readings).

Students may wish to look at S. A. Roberts, *Order and Dispute: An Introduction to Legal Anthropology* (Penguin Books, 1979) in advance, to get the general flavour of the subject.

Further Reading List: Gluckman, *Politics, Law and Ritual in Tribal Society*, Oxford, 1965; Gulliver, *Social Control in an African Society*, London, 1963; Gulliver, *Disputes and Negotiations*, New York, 1979; Bohannan, *Justice and Judgement among the Tiv*, London, 1957; Evans-Pritchard, *The Nuer*, Oxford, 1940; Fallers, *Law without Precedent*, Chicago, 1969; Gluckman, *The Judicial Process among the Barotse*, Manchester, 1955; Fox, *Kinship and Marriage*, London, 1967; Llewellyn and Hoebel, *The Cheyenne Way*, Norman, 1941; Malinowski, *Crime and*

Custom in Savage Society, London, 1926; Nader (Ed.), *Law in Culture and Society*, Chicago, 1969; Schapera, *Tribal Legislation among the Tswana of the Bechuanaland Protectorate*, London, 1943; Turner, *Schism and Continuity in an African Society*, Manchester, 1957; Koch, *War and Peace in Jalemo*, Cambridge, Mass., 1974; Colson, *Tradition and Contract*, London, 1975; Moore, *Law as Process*, London, 1978; Epstein (Ed.), *Contention and Dispute*, Canberra, 1974; Comaroff and Roberts, *Rules and Processes*, Chicago, 1981; Nader and Todd, *The Disputing Process*, New York, 1978.

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

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for the lecture course, but related to the particular interests pursued in that year. The paper contains some 12 or more questions, of which three have to be answered; the paper is not divided into sections. One third of the marks are awarded for each of the three answers. Assessment is entirely based on the formal examination. Copies of previous years papers are available.

LL5140

Land Development and Planning Law

Teacher Responsible: Mr. Martin Loughlin, Room A355 (Secretary, A302)

Course Intended Primarily for LL.B. Parts I and II.

Syllabus:

1. *Urbanisation, planning and land development.* Historical introduction: industrialisation, urbanisation and the emergence of the statutory codes relating to public health, housing and town planning. Land value question. Overview of contemporary legal framework and contemporary planning issues.

2. *The Planning Framework.* Intergovernmental relations in the planning system. The legal framework for forward planning: structure plans, local plans, unitary development plans and the status of supplementary planning guidance.

3. *Land Development and the Financing and Taxation of Development.* The property development process. Legal concept of development. Sources and methods of financing development.

4. *The Regulation of Development by Private Bodies.* Applications for planning permission: procedures, outline planning permission, material considerations, conditions, agreements, appeals and call-in powers. Role of the courts. Enforcement of planning control.

5. *Development by Public Bodies.* Public sector landholdings. Land development functions of public bodies. Consent procedures for development by public bodies. Sales of public sector land. Compulsory purchase and compensation. Legal procedures for highway and trunk road development, electricity production, and the redevelopment of inner-city land.

6. *Environmental Degradation.* Legal framework relating to noise, water and atmospheric pollution and the disposal of solid waste.

Teaching Arrangements: 20 seminars (LL139) Sessional.

Reading List: M. Grant, *Urban Planning Law*; D. Heap, *An Outline of Planning Law*; A. Telling, *Planning Law and Procedure*; P. McAuslan, *Land, Law and Planning*; M. Purdue, *Cases and Materials on Planning Law*; M. Grant, *Planning Law Handbook*; N. Roberts, *The Reform of Planning Law*; K. Davies, *Law of Compulsory Purchase and Compensation*; J. Alder, *Development Control*; P. McAuslan, *The Ideologies of Planning Law*; M. Grant (Ed.), *Encyclopaedia of Planning Law and Practice*; H. J. Brown (Ed.), *Encyclopaedia of Compulsory Purchase and Compensation*; A. J. Harrison, *Economics and Land Use Planning*; G. Hallett, *Urban Land Economics*; P. Balchin & J. Kieve, *Urban Land Economics*; J. B. Walker, *Welfare Economics and Urban Problems*; A. Scott, *Urban Land Nexus and the State*; M. Dear and A. Scott (Eds.), *Urbanisation and Urban Planning in Capitalist Society*; P. Hall, *Urban and Regional Planning*; J. B. Cullingworth, *Town and Country Planning in Britain*; D. McKay and A. Cox, *The Politics of Urban Change*; P. Saunders, *Urban Politics*; G. Cherry, *The Politics of Town Planning*; R. Davies & P. Hall (Eds.), *Issues in Urban Society*; R. Pahl, *Whose City?*; M. Ball, *Housing Policy and Economic Power*; A. Ravetz, *Remaking Cities*; J. Ratcliffe, *Land Policy*; J. Ratcliffe, *An Introduction to Urban Land Administration*; D. Massey and A. Catalano, *Capital and Land*; O. Marriott, *The Property Boom*; P. Ambrose and B. Colenutt, *The Property Machine*; D. Cadman and L. Austin-Crowe, *Property Development*; F. Schaffer, *The New Town Story*; D. Starkie, *The Motorway Age*; International Bar Association, *Planning Law for Industry*; B. Wynne, *Rationality and Ritual*; R. Macrory (Ed.), *Commercial Nuclear Power: Legal and Constitutional Issues*; P. Hall (Ed.), *The Inner City in Context*.

LL5141

Taxation

Teachers Responsible: Judith Freedman, Room A540 and Rhona Schuz, Room A358 (Secretaries, A302 or A304)

Course Intended Primarily for LL.B. Part I and II.

Scope: The aim of the course is to examine the U.K. tax system against a background of tax law principles and to study selected policy problems as they arise during the course of this examination.

Syllabus

1. General principles of taxation, objectives of a tax system, types of taxation, income and expenditure taxes, capital and revenue, local taxation. Structure and administration; powers of the Inland Revenue. Outline of British tax system.

2. Application and interpretation of tax legislation by the Courts; evasion and avoidance and methods of controlling them.

3. *Employment income* (Sch.E) – application of income tax and national insurance contributions.

4. *Business income* (Sch.D, Cases I, II & VI) – income taxation of profits of unincorporated businesses, national insurance contributions and value added tax.

5. *Expenditure* – examination and comparison of deductions available from income in respect of capital

and revenue expenditure of different types. (Capital allowances, Sch.D Cases I & II and Sch.E deductions).
 6. *Land and other property* – income tax treatment.
 7. *Tax treatment of capital accretions*. Annual wealth tax and taxes on the transfer of wealth – objectives and effectiveness. Capital gains tax and inheritance tax.
 8. *The individual's tax position* Personal allowances and assessment of total income, the choice of unit of taxation for income and capital taxes (taxation of the family, married couples or individuals?), relationship between tax and social security system and proposals for integration.
 9. *Corporations* Reasons for taxing corporations, corporation tax, integration with taxation of individuals, distributions to shareholders, comparison between incorporated and unincorporated businesses, close companies and groups.

Pre-Requisites: LL.B. Intermediate.

Teaching Arrangements: One 2-hour seminar, weekly. Sessional.

Written Work: Will form an integral part of the course although it will not be assessed for degree mark purposes.

Recommended Reading: Detailed reading lists will be distributed during the course.

Basic Texts: Butterworths, *UK Tax Guide*; Whitehouse & Stuart-Buttle, *Revenue Law*; Easson, *Cases and Materials*; Kay & King, *The British Tax System*.
Legislation: Butterworths, *Orange Tax Guide*; *Yellow Tax Guide*; Sweet & Maxwell, *Tax Statutes*; or CCH, *British Tax Legislation*.

Reference Works will include: Meade Committee, *The Structure and Reform of Direct Taxation*; Prest & Barr, *Public Finance*; Robinson & Sandford, *Tax Policy Making in the UK*; Sandford, Pond & Walker, *Taxation and Social Policy*; Monroe, *Intolerable Inquisition?; Reflections on the Law of Tax*; *Report of the Royal Commission on the Taxation of Profits and Income* (1955, Cmnd. 9474); *Report of the Committee on Taxation of Trading Profits* (1951, Cmnd. 8189); *Reports of the Royal Commission on the Distribution of Income and Wealth*; Treasury and Civil Service Committee 1982-83, *The Structure of Personal Income Taxation and Income Support*; OECD, *The Treatment of Family Units*; OECD, *Company Tax Systems*; *Taxation of Husband and Wife* (Green Paper, 1980); *Proposals for a Tax-Credit System* (Green Paper 1972, Cmnd. 5116); *Corporation Tax* (Green Paper 1982); *Layfield Report* (1976 Cmnd. 6453); *British Tax Encyclopaedia*; Simon, *Taxes*; Whiteman & Wheatcroft, *Income Tax*; *Capital Gains Tax*; McCutcheon, *Capital Transfer Tax*; Bramwell, Ivory & Brannan, *Taxation of Companies and Company Reconstruction*; Booth, *Social Security Contributions*; Williams, *Social Security Taxation*. Inland Revenue booklets, statements of practice and consultative documents.

Periodicals: *British Tax Review*; *Fiscal Studies*; *Taxation*.

Reports: Law Reports on Tax Cases; Simon, *Tax Cases*; and non-specialist series.

Examination Arrangements: One 3-hour paper. Copies of any books listed under "Legislation" above may be taken (unmarked) into the examination room.

LL5170

Outlines of Modern Criminology

Teacher Responsible: Professor Hall Williams, Room A360 (Secretary, A371)

Course Intended Primarily for LL.B. Part I and II (Half Option).

Scope: This course, which is a half unit course for the purpose of the LL.B., lasts one term. It is suitable for general course students, and a limited number may be admitted on application to Professor Hall Williams. The course is highly selective and every effort is made to hold the reading requirements within reasonable limits. It provides an introduction to modern criminology.

Syllabus:

1. The significance of criminal statistics.
2. Genetic and bio-chemical factors in crime.
3. Psychological explanations.
4. Psychoanalytical theories about Crime.
5. The Sociological Approach to Deviance.

Pre-Requisites: None, but some familiarity with sociological or psychological literature would be an advantage.

Teaching Arrangements: A weekly two-hour seminar and no class, in the Lent Term. Ms. Temkin and Professor Hall Williams each give seminars on subjects of interest to them. Also several visiting speakers. Seminars LL141 10 Lent Term.

Written Work: Essays or past examination questions will be set from time to time.

Reading List: H. Prins, *Criminal Behaviour* (1973); H. Prins, *Offenders, Deviants or Patients?* (1980); M. D. Rutter, *Maternal Deprivation Reassessed* (1972); H. J. Eysenck, *Crime and Personality* (1977); I. Taylor, P. Walton & J. Young, *The New Criminology* (1973); A. K. Bottomley and C. Coleman, *Understanding Crime Rates* (1981); A. K. Bottomley, *Criminology in Focus* (1979); J. E. Hall Williams, *Criminology and Criminal Justice* (1982); D. J. West, *Delinquency, Its Roots, Careers and Prospects* (1982).

Examination Arrangements: There will be one two-hour examination.

LL5171

Sentencing and Treatment of Offenders

Teacher Responsible: Professor Hall Williams, Room A360 (Secretary, A371)

Course Intended Primarily for LL.B. Part I or II (Half Unit Option).

Scope: 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, and the information received by courts in the exercise of their sentencing function. It goes on to examine the various custodial and non-custodial measures available, and their effectiveness.

Syllabus:

1. Aims and Justifications of Punishment.
2. Sentencing Function of the Courts.
3. Custodial Methods in Dealing with Adults.
4. Custodial Methods for Offenders under 21.
5. Non-custodial Methods.

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 really suitable for General Course students.

Teaching Arrangements: A weekly two-hour seminar and no class, in the Michaelmas Term. Professor Hall Williams presents an outline of the subject and distributes hand-outs during the first hour. The second hour is devoted to discussion. In the Lent Term the students meet Professor Hall Williams again for two meetings at which papers are presented which they have prepared in the intervening months. Copies of these papers are made available to other students. The choice of subjects is made after discussion with Professor Hall Williams at the end of the Michaelmas Term. Students may embark on joint projects, and some original research is encouraged. Lectures: LL140 10 Michaelmas Term.

Written Work: None except for the above papers.

Reading List: 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

Teacher Responsible: Dr. Julian Fulbrook, Room A368 (Secretary, Colleen Etheridge, A502, Ext. 2271)

Course Intended Primarily for LL.B. – Parts I and II
Scope: SS I aims to survey the basic legal theory of the subject. SS II is an advanced practical course on lawyering technique.

Syllabus:

(1) *Social Security I:* General Introduction to National Insurance and Supplementary Benefits 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. Social Security and strikes.

(2) *Social Security II:* Interviewing. Audio Visual practice. Negotiating. The administrative process. Tribunal advocacy: cross-examination and final submissions. Tribunal hearing. 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: Ogus & Barendt, *The Law of Social Security* (Butterworths, 1982); 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).

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.

LL5174

Law of Landlord and Tenant

Teacher Responsible: Mr. R. L. Nobles, Room A539 (Secretary, Colleen Etheridge, A502)

Course Option for Part I and II – LL.B. degree.

Scope: This course will examine the law of the landlord-tenant relationship from the specific perspective of housing and housing problems in this country. We shall ask not only what the law is but how successful it is in protecting those for whom it was passed, i.e. the effect of housing legislation on the quality, quantity and price (rental) of private sector accommodation. The role of the state in regulating the provision of private sector accommodation will be contrasted with its role as landlord in the public sector and the lack of state regulation of owner occupiers.

Syllabus:*Private Sector*

(1) *Rent Regulation:* Fair rents are examined to see the extent to which they do, or should, reflect market values. A member of the Economics Department will conduct one class devoted to considering the impact of rent regulation on the supply of rented accommodation.

(2) *Security of Tenure:* Do the grounds for possession make tenants' security of tenure a matter of judicial discretion? Tenants' security will be compared with that given to owner/occupiers and council tenants.

(3) *Categories of Property Subject to Control:* The need for unregulated lettings and the problems of 'Evasion': holiday lets, student lets, board and attendance, residential landlords and the lease-license distinction.

Public Sector

(4) *Access to Public Sector housing:* We examine the Housing (Homeless Persons) Act 1977 and consider whether this statute creates a "right" to public sector housing.

(5) *Security of Tenure and Rent Control within the Council Sector:* Is it possible to have security of tenure without rent control? We look at the effect of recent local government legislation on council house rents.

(6) *Right to Buy:* We examine the procedure for council tenants to purchase their homes and consider the likely effect of this policy on the availability of rented public sector housing.

General

(7) *Repairs:* Can the law guarantee minimum standards of amenity and repair in residential accommodation?

Pre-Requisites: Property I.

Teaching Arrangements: Seminars (LL146): (Michaelmas Term only).

Reading List: Martin Partington, *Cases & Materials on Landlord & Tenant*; Rent Act 1977; Housing Act 1980; David Hughes, "Public Sector Housing"; Steven Merritt, *State Housing in Britain*; David Hoath, *Council Housing*.

Further reading will be given during the course.

Examination Arrangements: Normal three-hour written examination paper.

LL5175

Health Care and the Law

Teacher Responsible: Joe Jacob, Room A469 (Secretary, Susan Hunt, A304)

Course Intended Primarily for LL.B. Parts I and II.

Scope: The course is designed to apply, in a unified context, knowledge, techniques and approaches which students will have met elsewhere in the LL.B. The context is, of course, the health care system. Among the other courses from which themes are taken are: **Public Law, Law and the Social Sciences, Courts and Litigation and the Law of Torts.** The course has two purposes. First, by applying themes from other courses, to show their interrelationship and the relationship between theory and practice. Second, by looking at the health care system, to understand it for its own sake and for the contribution law makes to it and as the working of an important profession and an important aspect of the welfare state.

Syllabus: Section (A) will be taught every year and selected topics from section (B) 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 health services, the Mental Health Review Tribunals, and the current proposals for reform.
2. Medical research, including issues of consent, and in outline only the scheme of the Medicines Act 1968 relating to new medicines.
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 1½ to 2 hour sessions once a week in the Lent 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: Mason & McCall Smith, *Law and Medical Ethics*; I. Kennedy, *The Unmasking of Medicine*; E. Cassell, *The Healer's Art*; J. Glover, *Causing Death and Saving Lives*; I. Illich, *Limits to Medicine, Medical Nemesis: The Expropriation of Health*; R. Yezzi, *Medical Ethics: Thinking about Unavoidable Questions*; F. Cartwright, *A Social History of Medicine*; Speller's, *Law Relating to Hospitals and Kindred Institutions* (6th edn. J. Jacob); C. W. Martin, *Law Relating to Medical Practice* (2nd edn.); N. Leahy Taylor, *The Doctor and the Law and Medical Malpractice*; J. Leigh Taylor, *Doctors and the Law*; Klein, *The Politics of the National Health Service*; L. Gostin, *A Human Condition* Parts 1 and 2; L. Gostin & E. Rassaby, *Representing the Mentally Ill and Handicapped*; E. Pellegrino & D. Thomasma, *A Philosophical Basis of Medical Practice*; H. W. Chaplin, *Health Care in the United Kingdom*. Periodical literature will be drawn from, *inter alia*, the following journals: *The British Medical Journal*, *The Hospital and Health Service Review*, *The Journal of Medical Ethics*, *The Journal of the Royal Society of Medicine*, *The Lancet* and *The Practitioner*.

Other reading will include some Parliamentary Papers, publications of the DHSS, the British Medical Association (including the *Handbook of Medical Ethics*) and the Annual Reports of the Medical Defence Union and other publications.

Additional reading may 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.

LL5176

Legal Services to the Community

Teacher Responsible: Professor Michael Zander, Room A457 (Secretary, Angela White, A303)

Course Intended Primarily for LL.B. Parts I and II. Half unit option.

Scope: To consider in some detail the problems of providing legal services and of the legal profession.

Syllabus: The role of the private profession; the legal aid system; the public sector in legal services, especially law centres; costs, methods of paying for legal services, and controls on costs and fees; small claims; monopolies and restrictive practices; the unmet need for legal services, its nature and extent; the quality of legal services, negligence liability of lawyers, complaints, the role of disciplinary proceedings; management of the profession and external participation; alternatives to lawyers.

Pre-Requisites: None.

Teaching Arrangements: There is one two-hour session (LL143) per week in the Michaelmas Term. Students will be assigned reading for each succeeding week's session. The class consists of a seminar with discussion rather than a lecture.

Written Work: No written work is set, but students will be expected to come to each week's session prepared to discuss the topics assigned on the basis of the readings.

Reading List: The main text is Michael Zander, *Legal Services for the Community* together with the *Report of the Royal Commission on Legal Services*, 1979, Cmnd. 7648. In addition reading lists will be supplied with references to other sources.

Examination Arrangements: The examination is a short dissertation of 6,000 to 8,000 words on a topic selected by the student with advice from Professor Zander. The paper must be handed in by the last day of the Lent Term. The first draft should normally be written during the Christmas vacation and then discussed and re-written during the Lent Term.

LL5177

Race, Nationality and the Law

(Not available 1986-87)

Teacher Responsible: Andrew Nicol, Room A456 (Secretary, A371)

Course Intended Primarily for LL.B. students – 2nd or 3rd year.

Scope: The focus will be on immigration and nationality.

Syllabus:

- (a) Attitudes to aliens, race and religion – early attempts to control immigration – contemporaneous social and economic problems.
- (b) Concept of nationality – consequences of citizenship – effect of Empire and Commonwealth.
- (c) International obligations – Conventions on Human Rights, Refugees, Stateless persons and Establishment.
- (d) Political and Economic background to Commonwealth immigration – legislation of 1962-65, 1968 and 1971.
- (e) Current restrictions on entering and remaining in the U.K. including special provisions for EEC nationals.
- (f) Expulsions – deportation and removal from the U.K.
- (g) Administration of control – by the Home Office and by other government agencies, the relevance of nationality and immigration status to social security and other state provided services or benefits.

(h) Review of controls – by Immigration Appeals authorities, by the courts, by Parliament.

(i) Acquisition and Loss of British nationality.

Except as they are relevant to these topics, race discrimination and the Race Relations Act 1976 will not be given detailed treatment.

Pre-Requisites: None.

Teaching Arrangements: The course (LL147) will be given in the Michaelmas Term. There will be 10 × 2 hour seminars. Worksheets will be distributed for each seminar.

Reading List: Text Book: John Evans, *Immigration Law* (1983); **Reference:** MacDonald, *Immigration Law and Practice* (1983); MacDonald & Blake, *The New Nationality Law* (1982); Grant & Martin, *Immigration Law and Practice* (1982); Plender, *International Migration Law* (1972).

Introductory Reading: Ann Dummett, *Citizenship and Nationality* (Runnymede Trust 1976); Paul Foot, *Immigration and Race in British Politics* (1965); Garner, *The Alien Invasion* (1972); Garrard, *The English and Immigration 1880-1914* (1973); Peter Fryer, *Staying Power: The History of Black People in Britain* (1984).

Examination Arrangements: Two-hour examination. Students may take in copies of the Immigration Act 1971, British Nationality Acts 1948 and 1981 and the current Immigration Rules.

LL5178

Public Law and Economic Policy

(This course will not be offered in 1986-87)

Course Intended Primarily for LL.B. Parts I and II.

Scope: British Governments have been dominated since the last war by a perceived need to guarantee economic "success", and towards that end a variety of institutional structures and methods have been established or extended. Yet until the last few years public lawyers have had virtually nothing to say about these topics, to such an extent that economic policy has been pursued in a legal and constitutional void. There may be good reason for this – economic problems may not be susceptible to legal or constitutional analysis or control, – alternatively, this void may allow economic policy to be framed by a benign, questionably competent and uncontrollable State. This course attempts to provide some resolution of the dichotomy above, and to do so by probing particular areas of economic policy.

Syllabus: Section (a) will be taught every year, and selected topics from sections (b) – (h) taught from year to year.

- (a) *Introduction:* The particular nature of constitutional problems and the economy; the tension between flexibility and accountability. Formal and informal methods of policy formulation and realisation. The characteristics of the possible accountability agencies and methods in the field (courts, Parliamentary Committees, the PCA, financial control, self-regulation, licensing bodies, etc). A brief history of governmental intervention in Britain, concentrating in particular on the experience of World War II and the White Paper on Employment Policy in 1944.

(b) *Governmental Regulation of the Market*: The administration (though not the legal or economic detail) of anti-trust in relation to both mergers and competition, the problem of justiciability; licensing and approved self-regulation.

(c) *The Government as Market Actor*: The economic and constitutional significance of Government contracts; the legal regime of contracting; contracting as a policy instrument and its control.

(d) *The Government as Monopolist*: The aims and methods of nationalisation. The relationship between the NIs and the Government the accountability of the NIs to courts and Parliament. Consumers and equity shareholders and the NIs. The legal regime of employee/NI relationships. The legal regime of competition between the NIs and the private sector of industry.

(e) *The Government and Selective Intervention in the Market*: The history of intervention; support schemes to individual industries. Intervention in the 1960s; the IRC. The 1970s; the Industry Acts 1972, 1975 and 1980; the NEB. The choice of intervention agency and the accountability of paragonovernmental agencies. Disengagement. The legal problems of the public/private firm and the tension between accountability to the representatives of the public, to employees and to shareholders. The legal problems of discretionary intervention.

(f) *The Government and Finance*: The constitutional position of the central bank, with a comparison of foreign models. The Bank of England Act 1946; the relationships between the Bank and other bankers. 'Moral suasion' and formal law. The Banking Act 1979 and its administration. Governmental relations with the Stock Market, the discount houses and the institutional investors. The PSBR and the National Loans Act 1968. The constitutional basis of monetary policy and the formulation, authority and policing of monetary targets.

(g) *Budgetary and Expenditure Policy*: The constitutional basis of taxation. Parliament and the budgetary process. Judicial review of review decisions. The legal, constitutional and economic aspects of public expenditure. Formulation and control of same. Parliamentary Committees, the Exchequer and Audit Acts, the Comptroller and Auditor General.

(h) *Europe*: The influence of accession to the EEC on certain of the above topics, in particular (c), (d) and (e). The making and control of the Community Budget.

Pre-Requisites: A wide range of material will be recommended, but very little of it will be technical and – emphatically – no prior knowledge of economics is required. An interest in modern politics and government – and better still, economic policy, will, however be a distinct advantage.

Teaching Arrangements: 10, 1½-hour sessions (LL149), Lent Term, evenings from 6.30-8.00 p.m.

Reading List: Tivey, *Nationalism in British Industries: Nationalism in the 1960s*; Ganz, *Government and Industry*; Stevens & Yamey, *The Restrictive Practices Courts*; Daintith, *The Economic Law of the United Kingdom*; Turpin, *Government Contracts*; Young & Lowe, *Intervention in the Mixed Economy*; Chorley,

(Parts of) *Modern Banking Law*; Robinson, *Parliament and Public Expenditure*.

Periodical literature will be drawn from, *inter alia*, the following journals: *Journal of Business Law*; *Modern Law Review*; *British Tax Review*; *Common Market Law Review*; *Public Law*; *British Journal of Law and Society*; *Political Studies*; *Government and Opposition*; *Parliamentary Affairs*; *The Parliamentarian* and *Public Administration*. Plus numerous official and Parliamentary papers.

Examination Arrangements: The assessment method for this course will be a two-hour exam worth 40% and a long paper worth 60%.

LL5179

Sociological Theory and the Idea of Law

Teacher Responsible: Mr. D. N. Schiff, Room A460 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.B. Part I and II.

Scope: (1) To introduce sociological theory as attempts to express knowledge about special phenomena.

(2) To introduce and evaluate ideas about law not written by those who, as lawyers have an interest in the validation of the law in some form or other, but those who, external to the workings of the legal system, have proffered significantly different and often extreme views of law in the context of their theories of society as a whole.

(3) To develop an understanding of what is meant by the social impact and the social context of law.

(4) To allow students to specialize in an area of particular interest.

This is a course in sociological theory and is not designed (i) as an applied social science course (the empirical findings of those who have studied the functioning of law will only be considered by the way) (ii) as an introduction to research methods.

Syllabus:

Areas of Study:

1. Theory in the Sociology of Law
2. Mechanical sociology and the idea of law
3. Social behaviour and the law
4. Social control and law
5. Social change and law
6. Law as an index of social change
7. Law and development
8. Law and symbolisation
9. The limits of law
10. Socialization and law

Teaching Arrangements: 4 weekly two-hour seminars (LL148) will be held in the Michaelmas Term, thereafter seminars will be arranged to allow students to present papers on their individual pieces of research.

Suggested Reading: will be given at the beginning of the course. Some use will be made of R. Cotterrell, *The Sociology of Law*; R. Tomasic, *The Sociology of Law*.

Background Reading: R. Aron, *Main Currents in Sociological Thought I and II*; P. Winch, *The Idea of a Social Science*; P. L. Berger & T. Luckman, *The Social Construction of Reality*.

Examination Arrangements: By dissertation of 6,000-8,000 words.

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 (currently Professor Rosalyn Higgins).

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.

LL6003

Law and Social Theory

Teacher Responsible: Mr. W. T. Murphy, Room A361 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.M.

Scope: This course is designed to introduce students to the study of law through the perspective of modern social theory.

Syllabus: The course consists of two unequal segments.

I. The Core Seminars

1. The Problem of Order in Social Theory

- (a) Classical perspectives: Durkheim and Weber.
- (b) The problem of positivism in the study of society.
- (c) The perspective of modernity: traditional modern and postmodern in social theory.
- (d) Contemporary syntheses: Lukes and Giddens.
- (e) The distinctiveness of the vision of social theory.

2. Domination and Social Theory

- (a) Legitimation.
- (b) Ideology.
- (c) Ritual.

3. The State in Social Theory

II Special Topic

Each student will be required to study one of the special topics prescribed in any given year.

Teaching Arrangements:

I. An initial "core" segment of 20 two-hour seminars (LL238) which all students will attend.

II. One special topic in law and social theory to be chosen from those on offer in a particular session. Teaching arrangements for each topic will depend on the numbers choosing it in any particular year.

The seminars will be conducted by Mr. Murphy, Dr. Roberts, Mr. Cotterell (QMC) and Dr. Nelken (UCL).

Examination Arrangements:

I. The core segment is assessed by means of ONE three-hour examination. The marks obtained count for two-thirds of the composite mark for the course.

II. The special topic will be assessed by an essay of 5,000 words *maximum*. The marks obtained counts for one-third of the composite mark for the course.

LL6004

Modern Legal History

Teacher Responsible: Professor W. R. Cornish, Room A455 (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.M. students.

Scope: 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.

Syllabus: 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 two-hour teaching session (partly in conjunction with LL124) weekly throughout the year on Mondays 11-1. One one-hour seminar weekly (time to be arranged).

Reading List: W. R. Cornish and G. de N. Clark, *Law and Society in England 1750-1950* (forthcoming); A. H. Manchester, *Modern Legal History of England and Wales*. Much other reading will be given during the course.

Written Work: No formal written work is prescribed but students will be expected to make presentations to the seminar.

Examination Arrangements: One three-hour paper, requiring 3 questions to be answered from a considerable range of choice.

Principles of Civil Litigation

Teacher Responsible: Professor Michael Zander, Room A457 (Secretary, Angela White, A303) with Professor Sir Jack Jacob at University College.

Course Intended Primarily for LL.M. students.

Scope: 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.

Scope: The general principles and practice of civil litigation, including: the organisation, jurisdiction and functions of the various Courts and Tribunals and of the legal profession. The remedies afforded by civil proceedings (both interlocutory and final) including enforcements 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; the extent to which these procedures enable the courts to arrive at correct and reasonably speedy decisions both on facts and substantive law (knowledge of the law of evidence will not be required, except so far as it affects the general procedure). The organisation and function of Tribunals (in outline only) and the general procedures adopted by Tribunals and arbitrators; comparisons will be made between those procedures and those adopted by the Courts. The social and economic effects and value of the present system of civil litigation; including some comparison with foreign systems.

Pre-Requisites: None.

Teaching Arrangements: There is one lecture per week (LL209) on a Monday at University College at 4.45 or 5 p.m. to 6 p.m. (however, there will also be lectures on Tuesdays at 6 p.m. to 7.30 p.m. at the London School of Economics when that time is not used for the seminar). There are six to eight seminars on **Problems in Civil Litigation** (LL230). These take place on Tuesdays in the Michaelmas and Lent Terms from about the middle of November. The seminars are at the London School of Economics from 6 to 7.30 p.m. The group normally has between 40 and 60 students.

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. There is also a handout consisting of a set of lecture notes. 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 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.

LL6010

There are normally ten or eleven questions out of which the candidate is expected to answer four.

European Community Law

Note: This course will be offered only if a sufficient number of students select it.

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. students and Diploma in International Law.

Scope: This course is concerned with selected areas of substantive EEC law. Students are required to take two special subjects from a list which can be found in the University of London Regulations for internal students. The following special subject is taught at the school.

Social Policy Mr. Hartley.

Syllabus:

Freedom of movement: employees, self-employed persons, providers and receivers of services; discrimination of grounds of nationality and residence; recognition of qualifications to practice a trade or profession; sex discrimination.

Pre-Requisites: Candidates offering **European Community Law** 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: Social Policy: Fifteen seminars (LL215), Michaelmas and Lent Terms given by Mr. Hartley.

Reading List: Social Policy: T. C. Hartley, *E.E.C. Immigration Law*; Derrick Wyatt & Alan Dashwood, *The Substantive Law of the E.E.C.*; H. Smit & P. Herzog, *The Law of the European Economic Community*; B. Sundberg-Weitman, *Discrimination on Grounds of Nationality*; Philippa Watson, *Social Security Law of the European Communities*; F. G. Jacobs (Ed.), *European Law and the Individual*; G. Lyon-Caen, *Droit Social International et Européen*; Bernard Rudden & Derrick Wyatt, *Basic Community Laws*.

Students should buy Rudden & Wyatt.

Examination Arrangements: Normal three hour written examination paper. Unmarked copies of Rudden & Wyatt (or Sweet & Maxwell's *European Community Treaties*) may be taken into the examination.

LL6018

Comparative Family Law

(Not available 1986-87)

Teacher Responsible: Ms. J. Temkin, Room A459 (Coordinating Member of Staff) (Secretary, Mrs. S. Hunt, A304) and Mr. D. Bradley, Room A462 (Secretary, Mrs. D. Murphy, A302)

Course Intended Primarily for LL.M. students.

Scope: The aim of the course is to examine from a comparative standpoint contemporary issues in family law.

Syllabus: The issues to be discussed will be selected from the following: aspects of capacity; domestic violence, matrimonial property, divorce, reallocation of

LL6015

property on divorce, maintenance on divorce, custody of children, unmarried cohabitation, illegitimacy, adoption, children in trouble with the law. Jurisdictions discussed will include: England, Canada, Australia, West Germany, Sweden, U.S.A., U.S.S.R.

Pre-Requisites: Some knowledge of English family law desirable though not essential.

Teaching Arrangements: One weekly seminar (LL212) lasting from 1½-2 hours to be taken by Ms. Temkin in the Michaelmas Term Mr. Bradley (office number A462) in the Lent Term and Professor Lapenna (office number K300) in the Summer Term. Full materials or reading lists are provided and students are expected to be fully prepared beforehand so that topics may be discussed rather than formally taught.

Written Work: Two full length essays on set topics must be submitted (approximate length: 10 sides of A4).

Reading List: Sets of materials are provided in the Michaelmas Term and detailed reading lists in the Lent and Summer Terms.

General Reading: Foote, Levy & Sander, *Cases and Materials on Family Law*; M. A. Glendon, *State, Law and Family*; J. Eekelaar, *Family Law and Social Policy*; Glendon, *The New Family and the New Property*; O. Stone, *Family Law*.

Examination Arrangements: One three hour paper which is divided into three sections corresponding to the subjects covered by Ms. Temkin, Mr. Bradley and Professor Lapenna. Four questions must be answered, at least one from each section. There will be a choice of questions in each section and not more than one from the third section covering topics covered by Professor Lapenna.

LL6030

Economic Analysis of Law

Teacher Responsible: Mr. W. D. Bishop (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. degree.

Scope: First to introduce students to the economics of law and second to build from this to deal in depth with some important policy problems.

Syllabus: 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*, *International Review 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. W. D. Bishop, Room A503 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. students.

Scope: EEC Competition Law with some attention to economic analysis.

Syllabus: The competition rules and practice of the EEC: Articles 85-90 of the Treaty of Rome, the implementing regulations and other relevant provisions. Price-fixing and market sharing agreement; boycotts and discrimination; exemptable forms of collaboration; abuse of dominant position; free movement of goods and industrial property rights. The relationship between Community and national anti-trust laws.

Pre-Requisites: Candidates will be expected to have or to acquire adequate knowledge of the institutions of the European Communities.

Teaching Arrangements: One seminar (LL208) (three hours) each week.

Written Work: None.

Reading List: Bellamy & Child, *European Community Competition Law*; Kerse, *EEC Antitrust Procedure*; Korah, *Competition Law in Britain and the Common Market*.

Examination Arrangements: Three hour formal exam, September. Eight questions, four to be attempted.

LL6033

International Business Transactions

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

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 Mr. 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.

Scope: Legal problems relating to international business transactions by private firms (not state trading).

Syllabus: The following topics will be dealt with from the point of view of the law of Britain, the Commonwealth, the United States and the EEC:

1. Judicial jurisdiction in cases involving international business transactions, especially:
 - (a) jurisdiction over companies (the "doing business" test);
 - (b) products liability;
 - (c) branches and agents;
 - (d) constitutional requirements in the U.S.A.;
 - (e) choice-of-court clauses;
 - (f) forum non conveniens;
 - (g) *lis alibi pendens*;
 - (h) provisional remedies and procedure.
2. Enforcement of foreign judgements in commercial matters.
3. International arbitration.
4. Applicable law for international commercial contracts, especially the application of legislation dealing with:
 - (a) boycotts and embargoes;
 - (b) consumer protection;
 - (c) labour law; and
 - (d) exchange controls.
 The effect of international uniform-law conventions will also be considered.
5. Conflict of laws regarding agency.
6. Recognition of foreign governmental acts affecting property, especially financial assets.
7. The extra-territorial application of American anti-trust laws and the reaction of other countries.
8. The extra-territorial application of EEC competition rules.

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: (LL219) Sessional

Teachers: **Mr. Hartley**, **Mr. I. G. F. Karsten** (Room A362) and **Professor Jacobs** (King's College). Extensive case materials are provided by the School for sale to students, these should be read before each seminar.

Reading List: (Students are not expected to buy any of these books): Georges R. Delaume, *Transnational Contracts: Applicable Law and Settlement of Disputes*; Dicey & Morris, *The Conflict of Laws*; Cheshire & North, *Private International Law*; Robert A. Leflar, *American Conflicts Law*; Russell J. Weintraub, *Commentary on the Conflict of Laws*; P. E. Nygh, *Conflict of Laws in Australia*; J.-G. Castel, *Canadian Conflict of Laws*; C. Schmitthoff (Ed.), *International Commercial Arbitration*; Douglas E. Rosenthal & William M. Knighton, *National and International Commerce*; C. Canenbley, *Enforcing Anti-Trust Against Foreign Enterprises*; Barry E. Hawk, *United States, Common Market and International Anti-Trust*; Boaz Barack, *The Application of the Competition Rules of the E.E.C. to Enterprises and Arrangement External to the Common Market*.

Examination Arrangements: Normal three hour written examinations.

LL6048

Law of International Institutions

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.M. and Diploma in International Law students.

Scope: 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.

Syllabus: 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. Securing compliance with obligations: suspension, expulsion, sanctions, UN peacekeeping and dispute settlement. 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 Dr. P. Birnie, with 1½ hours per week being offered for 10 weeks in the Michaelmas and Lent Terms and for 6 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

Law of European Institutions

Teacher Responsible: Mr. T. C. Hartley, Room A467 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. degree. Diploma in International Law.

Scope: The course is concerned with the law relating to the institutions of the European Community and Comecon (constitutional and administrative law).

Syllabus:

Part I: 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 II: Comparison with Integration in Eastern Europe.

Basic Concepts of Socialist Economic Integration and contrast with EEC - COMECON - International financial institutions - Production-Branch Organisations - Multi-national Enterprises - Association and Co-operation Agreements - Dispute Settlement - Harmonisation and Unification of Law - Comprehensive Programme for Socialist Economic Integration - Long-term Special-purpose co-operation arrangements - Relations with Third Countries, International Institutions, and the EEC.

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.

Teaching Arrangements:

The European Community seminar/seminars (LL214) twice weekly by Mr. Hartley (Michaelmas Term only) and weekly at King's College by Professor Jacobs.

COMECON: (Summer Term)

Seminars at University College by Professor Butler. Materials will be provided.

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 and Sweet & Maxwell's *European Community Treaties* may be taken into the examination.

LL6052

International Protection of Human Rights

Teacher Responsible: Professor R. Higgins, Room A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.M. and Diploma in International Law students.

Scope: Introduction to the rapidly developing international law of human rights, both at a universal and regional level.

Syllabus:

Conceptual Issues: definitions of human rights; distinguishing features from international law generally; the individual and the state; the relevance of difference 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.

Various non-institutional methods for promoting human rights, including treaty making and the question of the incorporation of international rights into domestic law.

The European Convention on Human Rights: about half of the course is devoted to a study of the institutions of the European Convention and to case law on particular rights (drawing in large measure on European Convention case law). 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; and others.

Pre-Requisites: Some knowledge of public international law.

Teaching Arrangements: This course (LL226) is taught by 1½ hour weekly seminars (10 in Michaelmas, 10 in Lent, 8 in Summer).

Reading List: All students should purchase Brownlie, *Basic Documents on Human Rights*, (3rd edn.) and Van Dijk and Van Hoof, *Theory and Practice of the European Convention on Human Rights*. Required readings of extracts from books, articles, journals, 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. There are usually 9 questions, of which 4 are to be answered.

LL6054

International Economic Law

Teacher Responsible: Dr. D. A. Chaikin, Room A359 (Secretary, Pam Hodges, A369)

Course Intended Primarily for LL.M. students at London University.

Scope: The aim of the course is to study in detail those aspects of public international law which are concerned with the ownership of natural resources, the production and distribution of goods, invisible international transactions, currency and finance, related services and the organisation of the entities in such activities.

Syllabus:

I. *Fundamentals*. The province, sources, history and sociology of international economic law.

II. *The principles of international economic law*. Economic sovereignty and the co-existence of sovereign and heterogenous economies. Extraterritorial effects of economic legislation. Immunities from economic sovereignty. Limitations of economic sovereignty (including freedom of commerce, freedom of land and air communications, freedom of inland navigation, freedom of access to the sea and maritime ports, and freedom of the seas). The problem of international economic public policy.

III. *The standards of international economic law*. Function and types, including the minimum standard of international law, the most-favoured-nation standard, the standard of preferential treatment, the standard of reciprocal treatment, the standard of the open door and the standard of national treatment. The standards of international economic law on the level of international institutions, including the standard of economic good neighbourliness.

IV. *International economic transactions*. General principles. Treaties of friendship, commerce and navigation. Other economic agreements, including double-taxation agreements, development aid agreements, and agreements for technological co-operation. Unilateral economic acts. International economic torts, with special reference to the protection of foreign investments. The problem of an international economic law of crime.

V. *The law of economic warfare*. Economic reprisals. Economic warfare, with special reference to the position of enemy and neutral property in land and sea warfare. Economic war crimes. War indemnities, reparation and restitution. Collective economic sanctions.

VI. *Patterns of international economic organization*.

A. On the level of partly organized international society; the representation and protection of economic interests abroad, with special reference to relevant aspects of diplomatic and consular relations. International adjudication of economic claims. Economic and financial unions (e.g. monetary unions, customs unions, free trade areas and common markets).

B. On higher levels of international integration: the economic framework of the United Nations. Universalist institutions (e.g. the Bretton Woods institutions and GATT). Regional institutions (e.g. the regional Economic Commissions of the United Nations). Sectional institutions (e.g. international commodity agencies). Supra-national institutions (e.g. the European Communities).

Pre-Requisites: Knowledge of public international law is essential.

Teaching Arrangements: There is a seminar (LL218) of two hours duration each week, accompanied by classes as required. Seminar: Sessional.

Reading List: Recommended: K. W. Dam, *The GATT, Law and International Economic Organisations*; J. Gold, *Legal and Institutional Aspects of the International Monetary System*; J. Jackson, *World Trade and the Law of GATT*; 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*.

Supplementary Reading List: G. Schwarzenberger, *Frontiers of International Law* (ch. 9); A. Rozenhal, *The Charter of Economic Rights and Duties of States in the New International Economic Order*; K. Hossain, *Legal Aspects of the New International Economic Order*; F. Atling von Geusau, *The Lome Convention and a New International Economic Order*; R. Kemper, *The Tokyo Round: Results and Implications for Developing Countries*; B. Gosovic, *UNCTAD - Conflict and Compromise*; J. Fawcett, *Law and International Resource Conflicts*; D. Shea, *The Calvo Clause*; N. Horn, *Legal Problems of Codes of Conduct for Multinational Enterprises*; G. P. Verbit, *International Monetary Reform and the Developing Countries*; G. Goodwin & J. Mayall, *A New International Commodity Regime*; A. Hazlewood, 'The End of the East African Community: What are the lessons for Regional Integration Schemes', in *Journal of Common Market Studies*, Vol. 18, No. 1, p. 40, (1979); U.N. Charter Chs IX and X (1945); Havana Charter (1948); Vienna Convention on the Law of Treaties (1969); U.N. Charter on Economic Rights and Duties of States (1974).

Examination Arrangements: There is a three-hour formal examination in September, based on the full syllabus. 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 A372 (Secretary, Mrs. Susan Hunt, A304)

Course Intended Primarily for LL.M.

Scope: 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.

Syllabus: 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. Codes of conduct for multinationals. 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; 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 10

weeks in the Michaelmas and Lent Terms; and for 6 weeks in the Summer Term.

Reading List: Schachter, *Sharing the World's Resources*; Hossain (Ed.), *Legal Aspects of the New International Economic Order*; Weston, Falk, & D'Amato, *International Law and World Order*; White, *Nationalization of Foreign Property*; Lillich, *The Protection of Foreign Investments*; Fawcett & Parry, *International Law and Natural Resources*; Daintith & Willoughby, *United Kingdom Oil and Gas Law* (1984).

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 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. P. W. Birnie, Room A270 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. degree also for: M.Sc. Sea-Use Law, Economics and Policy-Making, Diploma in International Law.

Scope: Resources and Uses of the Sea, and applicable international principles, customs and treaties.

Syllabus:

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. Regional Developments.

Pre-Requisites: Some knowledge of basic concepts of International Law.

Teaching Arrangements: One seminar (LL216) 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* (3rd 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 (1985); 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. I-XV; Law of the Sea Convention.

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 to be issued to participants.

Examination Arrangements: 3 hour written examination in September; 9 questions, 4 to be answered.

LL6061**Multinational (Transnational) Enterprises and the Law**

Teacher Responsible: Mr. P. T. Muchlinski, Room L107 (Secretary, Mrs. Pam Hodges, A369)

Course Intended Primarily for LL.M. students.

Scope: An interdisciplinary analysis of the legal control of multinational business enterprises, both in national and international law.

Syllabus:

1. *Introduction:* The MNE 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 the MNE:* 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 the MNE:* The political and economic impact of the MNE on home and host states and upon international relations; the regulation of the MNE: 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, the control of relocation and disinvestment from the home jurisdiction.
6. *Regulation by the Host Country*
 - (a) *Specific issues:* Restrictions on entry and establishment, control of capital flows and transfer pricing, control through company law (disclosure, mergers, securities regulation), labour relations, control of disinvestment (covering threats by disinvestment by the company, and the threat of expropriation by the state); technology transfer.
 - (b) *Differing National Approaches:* Control of MNEs in developed and developing countries (with individual case studies from selected countries).

7. *Regional Regulation*: Regulation of MNEs by the following organisations will be studied: EEC, ANCOM, ASEAN, OECD, CMEA.

8. *International Regulation*: The work of the UN, UNCTAD, UNCITRAL. The World Bank Convention for the Settlement of Investment Disputes. The ICC Court of Arbitration.

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), (10 Michaelmas, 10 Lent and 8 Summer Term respectively).

Reading List: Recommended Text: Wallace, *The Legal Control of Multinational Enterprise*.

Further Reading: Tindall, *Multinational Enterprises* (1975); Hellmann, *Transnational Control of Multinational Corporations* (1977); Tugendhat, *The Multinationals* (1977); Brook & Remmers, *The Strategy of Multinational Enterprise* (1978); United Nations, *Multinational Corporations and World Development*; Channon and Jalland, *Multinational Strategic Planning* (1979); Hood and Young, *The Economics of Multinational Enterprise* (1979); Robinson, *Multinationals and Political Control* (1983); Tricker, *Corporate Governance* (1984); Hadden, *The Control of Corporate Groups* (1983).

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.

LL6063

International Environmental Law

Teacher Responsible: Dr. P. W. Birnie, Room A270 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M. students.

Scope: 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.

Syllabus:

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 1½ hours seminars held at the IALS for 10 weeks in the Michaelmas and Lent Terms and six weeks in the Summer Term. Seminars are given by Dr. P. Birnie (LSE) and Mr. A. Boyle (QMC).

Reading List: J. Schneider, *World Public Order of the Environment: Towards an Ecological Law and Organization*; 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*.

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 on a weekly basis is 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.

LL6075

Industrial and Intellectual Property

Teacher Responsible: Professor W. R. Cornish, Room A455 (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.M.

Scope: The course provides a review of the major topics in this rapidly developing field: patents, copyright, confidential information, industrial designs, trade marks and names.

Syllabus:

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 second 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* (Sweet & Maxwell, 1981). Materials may be found in W. R. Cornish, *Cases on Patents and Confidential Information; Cases on Copyright and Designs; Cases on Trade Marks and Names* (ESC Publishing, 1985). 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. Students are entitled to take into the examination *unmarked* copies of the Patents Act 1977, Copyright Act 1956, Design Copyright Act 1968, Trade Marks Act 1938 and either the *Treaty of Rome* or Sweet & Maxwell's *European Community Treaties*.

LL6076

Company Law

Teacher Responsible: Professor Lord Wedderburn, Room A301 Ext. 390 (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for LL.M. students.

Scope: The object of the course is to examine the operation of British Company law (winding-up only in outline) in greater depth than can be attained in a first-degree course.

Syllabus: 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 good knowledge of legal techniques, preferably in a common law system. But most LL.M. students who have a close 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.) 10 in Michaelmas, 10 in Lent; 6 to 8 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 a higher level (e.g. M.Phil. or Ph.D.)

Reading List: L.C.B. Gower *Modern Company Law* (and Supplement) and J. H. Farrar, *Company Law* (1985) plus any company law statutes later in date. (Considerable further reading will be recommended in seminars.) A useful work is Butterworth's *Company Law Handbook*. Students who have no previous knowledge of English Company Law are recommended to read Northey & Leigh, *Company Law* or Boyle & Birds, *Company Law* or Butterworth's, *Company Law Guide* (1986).

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.

LL6085

Law of Restitution

Teacher Responsible: Professor W. R. Cornish, Room A455 (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.M.

Scope: 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.

Syllabus: The general principles of the law of restitution, including: theoretical basis; personal and proprietary claims. Acquisition of benefit from plaintiff: mistake; compulsion; necessity; ineffective transactions. Acquisition of benefit from third party: attornment; subrogation and related rights; intervention without right; improperly paid beneficiaries etc.; voidable preferences and dispositions in fraud of creditors; imperfect gifts. Acquisition of benefit through a wrongful act: waiver of tort; crime; breach of fiduciary relationship. Defences to restitutionary claims.

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 textbook is R. L. A. Goff and G. H. Jones, *Law and Restitution* (2nd edn., Sweet & Maxwell, 1978). See also 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.

LL6100

The Law of Business Taxation

Teacher Responsible: Mrs. J. A. Freedman, Room A540 (Secretaries, Mrs. D. Murphy and Mrs. M. McGuinness, A302)

Course Intended Primarily for LL.M. degree.

Scope: The Course examines the principles governing United Kingdom taxation of business enterprises; sole traders, partnerships and companies. The object is to study these aspects of taxation in more depth than is generally possible in a first degree course. Although it is not an international or comparative course, some aspects of the foreign element of United Kingdom taxation are covered and problems common to all or most tax systems are discussed.

Syllabus:

1. *Introduction to UK taxation of income and capital gains:* general principles of taxation, history, structure, administration, principles governing application of tax legislation by courts, approach of UK courts and legislature to tax avoidance, form and substance.
2. *Income Tax:* background examination of the definition, ascertainment and computation of this tax generally. Detailed study of income tax on income arising from businesses (Schedule D, Cases I and II).
3. *Capital Gains Tax:* background examination of the definition, ascertainment and computation of this tax generally. Detailed study of special provisions relating to business assets.
4. *Partnership Taxation.*
5. *Corporation Tax:* on income and capital gains; the imputation system; distributions; close companies; groups and consortia; company reorganisations (amalgamations, reconstructions, demergers).
6. *The Foreign Element:* Residence of partnership and companies, place of trade, Schedule D, Case V in relation to business profits, double tax relief (in outline), transfer-pricing.
7. *Anti-avoidance Legislation:* specific legislation relating to business profits and companies. The approach of the courts and legislature to avoidance in business transactions.
8. *Capital Transfer Tax* applicable to businesses (in outline only).
9. *Value Added Tax* (in outline only).
10. *Corporation Tax Policy:* Integration, incidence, inflation proposals for reform.

Note: Emphasis on topics within the above syllabus will vary from year to year depending upon such factors as recent developments. Topics not central to the course may not be covered each year.

Pre-Requisites: There is no requirement that students should have studied Tax Law previously. However, students with no previous knowledge of taxation and those unfamiliar with UK legal concepts will need to do some background reading. The course examines legal principles not methods of computation. Thus no special knowledge of mathematics is required.

Teaching Arrangements: LL205, 30 Sessional (weekly). In addition to the seminars some classes may be arranged during the Summer Term to meet demand.

Reading List: Students are advised to obtain a copy of the main text book: Butterworth's, *U.K. Tax Handbook*.

It is essential for each student to have a copy of either Butterworth's *Yellow Tax Handbook* or CCH's *British Tax Legislation*. The edition current on 1 January of the year in which the examination is held may be taken into the examination room.

During the course, students will be required to consult Simon's *Tax Cases* and the *Tax Cases* series of reports as well as the more commonly used series of *Law Reports*.

Further Reading and Reference:

Whiteman & Wheatcroft, *Income Tax*; Bramwell, *Taxation of Companies*; Whiteman & Wheatcroft, *Capital Gains Tax*; Lawton, Goldberg & Fraser, *The Law of Partnership Taxation*.

Kay & King, *The British Tax System*; Meade Report on *The Structure and Reform of Direct Taxation*; H. H. Munroe, *Intolerable Inquisition? Reflections on the Law of Tax*; Report of the Royal Commission on the Taxation of Profits and Income (1955, Cmnd. 9474); Report of the Committee on Taxation of Trading Profits (1951, Cmnd. 8189); Corporation Tax (1982, Cmnd. 8456); Ashton, *Anti-Avoidance Legislation: Sumption Taxation of Overseas Income and Gains, The British Tax Review* (Periodical).

Inland Revenue Consultative Documents and Explanatory Leaflets.

It is important to ensure that the latest edition of each of these books is used.

Further reading will be recommended during the course.

Examination Arrangements: The course is marked 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. Candidates are required to answer four questions (this is a change from previous practice). The paper is normally divided into two parts; one part essays and the other problems. Candidates will normally be required to answer a minimum number of questions from each part.

LL6101

The Law of Personal Taxation

Teacher Responsible: Mrs. R. G. Schuz, Room A358 (Secretary, Mrs. Catherine Pankhurst, A304)

Course Intended Primarily for LL.M.

Scope: The course aims to introduce students to the principles governing United Kingdom taxation of income, capital gains and capital transfers of individuals, trusts and estates.

Syllabus:

1. *Introduction to UK taxation of income, capital gains and capital transfers:* general principles of taxation, history, structure, administration, principles governing application of tax legislation by courts, tax avoidance.
2. *Income Tax – income:* The definition, ascertainment and computation of income for tax purposes (excluding Cases I and II of Schedule D and Case V in relation to business profits) and the deductions and allowances which may be set against income. Detailed study of income tax on income arising from employment (Schedule E), annual payments and interest (Schedule D, Case III).

3. *Income Tax – individuals:* The rules for applying the tax on income to individuals, the reliefs accorded to individuals (double tax in outline only), and the tax treatment of married women.

4. *Income Tax – trusts:* The rules for applying the tax on income to income from trusts and estates. The provisions relating to the tax on income in respect of pensions and pension contribution schemes (in outline only).

5. *The foreign element:* The rules as to domicile, residence and ordinary residence of individuals and trustees for tax purposes. Double tax relief (in outline only).

6. *Capital Gains Tax:* The definition, ascertainment and computation of chargeable gains and losses for Capital Gains Tax and the rules for applying Capital Gains Tax to individuals, trusts and estates.

7. *Capital Transfer Tax:* An outline of the principles of Capital Transfer Tax as it affects individuals, estates and trusts, and including the definition and computation of chargeable transfers.

Pre-Requisites: Although no previous knowledge of taxation is required, this is an advantage. As students are not required to carry out tax computation, mathematical skills are not necessary.

Teaching Arrangements: Teaching is by seminar (LL204), held weekly – Sessional. Seminars are devoted to discussion of material and problems prepared by students in advance.

All seminars will be conducted by Mrs. Schuz.

Reading List: Students are advised to obtain a copy of one of the main textbooks:

Butterworths, *U.K. Tax Guide* (Published by Butterworths); Pinson, *Revenue Law* (Published by Sweet & Maxwell).

It is essential for each student to have a copy of Butterworth's *Yellow Tax Handbook*. The edition current on 1 January of the year in which the examination is held may be taken into the examination room.

During the course, students will be required to consult Simon's *Tax Cases* and the *Tax Case* series of reports as well as the more commonly used series of *Law Reports*.

Further Reading and Reference: Whiteman & Wheatcroft, *Income Tax*; Whiteman & Wheatcroft, *Capital Gains Tax*; Simons, *Personal Income Taxation*; Kay & King, *The British Tax System*; Meade Report on *The Structure of Reform of Direct Taxation*; H. H. Munroe, *Intolerable Inquisition? Reflections on the Law of Tax*; Report of the Royal Commission on the Taxation of Profits and Income (1955, Cmnd. 9474); *Taxation of Husband and Wife*, (Green Paper, 1983, Cmnd. 8093); Ashton, *Anti-Avoidance Legislation; Sumption Taxation of Overseas Income and Gains, The British Tax Review* (Periodical). Inland Revenue Consultative Documents and Explanatory Leaflets. It is important to ensure that the latest editions of these books is used.

Further reading will be recommended during the course.

Examination Arrangements: The course is marked 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. The paper contains eight questions of which each candidate is required to answer four questions. One third of the marks is awarded for each question.

LL6110

Individual Employment Law

Teacher Responsible: Mr. R. C. Simpson, Room A461 (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for LL.M. degree.

Scope: 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. International influences on British law are part of the course as are social security rights insofar as they are related to employment.

Syllabus: The nature of the individual employment relationship; sources of rules and the significance of contract. The contract of employment: employees contrasted with the self-employed and other special groups; formation of the contract, variation of its terms; continuity of employment; express and implied terms; incorporation of collective terms, pay – guarantee pay and maternity rights; hours of work – time off work and holidays. Freedom of association and the right to work. Sex discrimination and equal pay; racial discrimination. Discipline; termination of employment – dismissal; rights on dismissal – unfair dismissal, redundancy. Social Security benefits. The international perspective.

Pre-Requisites: Knowledge of at least one system of labour law or industrial relations an advantage but it is NOT essential.

Teaching Arrangements: A weekly seminar (LL225) is held throughout the year. LL225 – 25 Sessional.

The seminars will cover each topic of the syllabus above in detail. Detailed reading for the seminars is handed out one week 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: The following is an essential purchase: Hepple and O'Higgins, *Employment Law*.

Students should also purchase either Butterworth's, *Employment Law Handbook* or Sweet & Maxwell's, *Labour Relations Statutes and Materials*. Subject to confirmation by the examiners, candidates are allowed to take an unannotated copy of one of them into the examination.

Other important works which should be purchased if possible: Davies & Freedland, *Labour Law Text and Materials*; Kahn Freund, *Labour and the Law*; Bain & Lewis (Eds.), *Labour Law in Britain*; Wedderburn, *The Worker and the Law*.

Supplementary Reading List: Lewis & Simpson, *Striking a Balance? Employment Law after the 1980 Act*; Elias, Napier & Wallington, *Labour Law Cases and Materials*; Freedland, *The Contract of Employment*; Rideout, *Principles of Labour Law*; Grunfeld, *The Law of Redundancy*; Anderman, *The Law of Unfair Dismissal*.

Examination Arrangements: There is a three-hour formal examination in September based on the syllabus above. The paper normally contains 8 questions of which four are to be attempted.

LL6111

Law of Management and Labour Relations

Teacher Responsible: Professor Lord Wedderburn, Room A301, Ext. 390 (Secretary, Catherine Pankhurst, A304)

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**).
Scope: 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.

Syllabus: (in outline) Management and recognition of unions; disclosure of information. Workers' rights and trade unions. Employers' associations. The role of 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. "Industrial Democracy". 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. Law and the labour market: training, incomes policy and job subsidies.

Pre-Requisites: This course is suitable primarily for 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 provided they are willing to catch up on background reading before, or early in, the Michaelmas Term. Students who have no knowledge of either English law or British industrial relations will find this course demanding. Students who have inadequate up-to-date knowledge of British labour law should attend lectures in **Labour Law**, Course LL115 in the Michaelmas Term.

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 Wedderburn, *The Worker and The Law* (3rd edn. forthcoming 1986) and either O. Kahn-Freund *Labour and the Law* or P. Davies and M. Freedland *Labour Law Text and Materials*; together with either Butterworth's *Employment Law Handbook* or Sweet and Maxwell's *Labour Relations Statutes and*

Materials and Supplement (plus any labour law statutes later in date than those source books).

Other books: L. C. B. Gower, *Modern Company Law*; The "Donovan Report" on *Trade Unions and Employers' Associations* (Cmd. 3623); Wedderburn, Lewis and Clark, *Labour Law and Industrial Relations* (1983); E. Herman, *Corporate Power, Corporate Control*; R. Lewis (Ed.), *Labour Law in Britain* (forthcoming 1986); Wedderburn and Murphy (Eds.), *Labour Law and the Community* (1983); S. and B. Webb, *The History of Trade Unionism*; A. Fox, *History and Heritage: The Social Origins of British Industrial Relations* (1985).

Other sources will be recommended in the seminar papers.

Examination Arrangements: There is a three-hour written paper, taken in the period August-September. Normally this is in two parts and students are asked 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.

LL6112

Labour Law

Teacher Responsible: Mr. R. C. Simpson, Room A461 (Secretary, Catherine Pankhurst, A304)

Course Intended Primarily for M.Sc. (Industrial Relations and Personnel Management).

Scope: The aim of the course is to examine the role of the law in British industrial relations. It is concentrated primarily on collective labour relations between trade unions and employers but includes some aspects of the 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.

Syllabus: 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; "fair wages"; wages councils. 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: categorization of the labour force; pay; discrimination on grounds of sex and race; unfair dismissal; redundancy.

Pre-Requisites: While any previous knowledge and/or experience of the law in industrial relations is an advantage it is NOT essential.

Teaching Arrangements:

Lectures: LL162 – **Elements of Labour Law** 20 Michaelmas and Lent Terms.

Seminars: Id115 – **Labour Law**

The lecture course is intended for students on a wide range of courses, none of which require any prior legal knowledge. It covers all the above syllabus and also some other aspects of individual employment law.

Students with some previous knowledge or experience in particular may find it helpful to attend the more detailed lectures given under the heading LL115 **Labour Law** 40 Michaelmas and Lent Terms, but attendance at these lectures is not an essential part of the course.

The seminars will cover each topic of the course in detail. They form the core of the teaching of the course. Some joint sessions may be held with the Seminars LL222 **Law of Management and Labour Relations**, which are for postgraduate law students.

Written Work: Students are advised to write one or two essays during the first two terms. They will normally be required to present seminar papers during the course.

Reading List: Students are advised to purchase the following: Bain & Lewis (Eds.), *Labour Law in Britain*; 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: Lewis & Simpson, *Striking a Balance? Employment Law after the 1980 Act*; Elias, Napier & Wallington, *Labour Law, Cases and Materials*; Hepple & O'Higgins, *Employment Law*; Rideout, *Principles of Labour Law*; Grunfeld, *Modern Trade Union Law*; Kidner, *Trade Union Law*; Bain (Ed.), *Industrial Relations in Britain*; Brown (Ed.), *The Changing Contours of Industrial Relations*; Daniel & Millward, *Workplace Industrial Relations*; Clegg, *The Changing System of Industrial Relations in Great Britain*. 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.

LL6120

Comparative Criminal Law and Procedure

Teacher Responsible: Professor L. H. Leigh, Room A541 (Secretary, Mrs. S. Hunt, A304)

Course Intended Primarily for LL.M. and may be taken by Diploma in Criminal Justice students with permission.

Scope: The aim of the course is to discuss problems in the criminal process via comparative law.

Syllabus: For the year 1986/87 it is expected that the following matters will be stressed: Theory of mens rea: Mistake; Necessity and duress; Parties to crime; problems of drink and drugs; Strict liability; Group liability; Mentally disordered offenders; murder, manslaughter, mercy killing; Self-defence, Sexual offences including rape; Violence in sport; Theft; Fraudulent trading; Fraud; Pre-trial criminal procedure; Comparative criminal procedure at trial; Plea bargaining; Double jeopardy; Committal proceedings.

Pre-Requisites: The only pre-requisite is admission to the LL.M. programme. The course is, however, not

suitable for Diploma students who have no background in law.

Teaching Arrangements: This course is taught by 30 1½ hour seminars (LL210) in Michaelmas, Lent and Summer Terms.

Written Work: Students are not required to submit written work. It is however desirable that we do so and students are encouraged to prepare papers for seminar discussion. Verbal participation in seminars is obviously essential.

Reading List: The following is a minimal reading list – for a detailed list please see the annual handout for the course. Books marked with an asterisk should be purchased. The basic books are: G. L. Williams *Textbook of Criminal Law* (1983)*; J. C. Smith, *The Law of Theft* (5th edn., 1984); L. H. Leigh, *The Control of Commercial Fraud* (1982); A. V. Sheehan, *Criminal Procedure in Scotland and France* (1976); J. Langbein, *Comparative Criminal Procedures: Germany* (1977); A. S. Goldstein, *The Passive Judiciary* (1981); L. H. Leigh & J. E. Hall Williams, *Denmark, Sweden and The Netherlands* (1982); C. Hampton, *Criminal Procedure* (3rd edn., 1982)*; M. Zander, *The Police and Criminal Evidence Act 1984* (1985).

Examination Arrangements: This course is examined by a three hour paper in late August or early September. Ten questions are normally set of which four must be answered.

LL6121

Theoretical Criminology

Teacher Responsible: Professor Hall Williams, Room A360 (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.M., also available for Diploma in Criminal Justice.

Scope: The course is one of two given for LL.M. students taking **Theoretical Criminology**, the alternative course being given at the I.A.L.S. Professor Hall Williams is assisted by teachers from King's College and Q.M.C., who give about one third of the seminars. In the Summer Term there is room for students to present papers, and some visiting speakers. It is suitable for students taking the Diploma in Criminal Justice.

Syllabus: The origin and development of crime studies: the classical and positivist schools of criminology, and their relation to modern criminology. The contribution of anthropological studies to the explanation of crime. Genetic and other biological influences (including twin studies, chromosome studies). Psychoanalytical explanations of criminal behaviour. Psychological theories and criminal behaviour. Mental illness, subnormality, psychopathy and crime. Sociological influences: family 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, an LL.B. or its equivalent.

Teaching Arrangements: A weekly seminar lasting one and a half hours in the Michaelmas, Lent and Summer Terms. In the Michaelmas Term Professor Hall Williams will present an outline of the subject in the first hour, leaving time for discussion in the last half hour. In the Lent or Summer Terms 3 seminars will be given by Mr. Freeman (Kings College) on **Psychological Theories** and 6 seminars will be given by Ms. D. Yach (Q.M.C.) on **Sociological Influences**. In the Summer Term there will be an opportunity for students to present papers: see below (written work).
Lectures: LL221 – 27 lectures Sessional beginning 12 Oct.

Written Work: Students will be encouraged in the second half of the course to prepare and present papers to the seminar. Copies of these papers will be supplied to the other students.

Reading List: J. E. Hall Williams, *Criminology and Criminal Justice* (1983); R. Hood & R. Sparks, *Key Issues in Criminology*, 1970; E. H. Sutherland & D. R. Cressey, *Criminology* (10th edn., 1978); D. J. West, *Delinquency, its Roots, Careers and Prospects* (1982); Taylor, Walton & Young, *The New Criminology* (1973); G. B. Vold, *Theoretical Criminology*.

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

Applied Criminology

Teacher Responsible: Mrs. D. Yach, (Queen Mary College) (who will act as Co-ordinator of the course). At LSE questions may be addressed to Professor Hall Williams, Room A360 (Secretary, Debra Martin, A371).

Course Intended Primarily for LL.M.

Scope: This course is on an inter-collegiate basis, dealing with research methods in criminology and reviewing the research which has been done on specific crimes. It is hoped to devote some seminars to research methods and the rest will be contributed by different teachers in the University of London.

Syllabus:

1. *Research Methods in Criminology:* Hypothesis development. Data Collection. Sampling and survey techniques. Data analysis. The use of computers in criminological research. Limitations and constraints.
2. *The Criminology of Specific Offences:* The types of offence, offenders and victims, including: Homicide, Violent crime (including street crime). Crimes of Dishonesty (including shoplifting). Crimes of Damage to Property (including arson and vandalism). Sexual crime (including rape, incest and offences against children). Occupational and business crime. Political crime. Organised crime. Road traffic offences. Alcohol and drug abuse in relation to crime.
3. *The Prevention of Crime:* The police and prevention. Neighbourhood controls. Public attitudes and values. Individual protection.

Pre-Requisites: Since this is a post-graduate course, an LL.B. or its equivalent.

Teaching Arrangements: A weekly seminar lasting one and a half hours in the Michaelmas, Lent and Summer Terms. The usual pattern is a lecture followed by discussion but this may vary, and there is scope for presentation of papers by students. The methods seminars will be given by invited teachers from other departments and Home Office research staff. The 'specific crimes' seminars will be given by different teachers according to their particular research interests. The teachers are drawn from the law faculties of King's College, University College, Queen Mary College, and LSE and visiting speakers. All seminars will be held at the Institute of Advanced Legal Studies. Lectures: LL222 – 25 Seminars Sessional. Thursday 1630–1800 IALS begin 14 Oct.

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: will be supplied at the commencement of 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 Penal Process

Teacher Responsible: Dr. S. Saeed (University College London) will act as co-ordinator. At LSE, questions may be addressed to Professor Hall Williams, Room A360 (Secretary, Debra Martin, A371)

Course Intended Primarily for LL.M., also available for Diploma in Criminal Justice.

Scope: This course is taught on an inter-collegiate basis, and held at the Institute of Advanced Legal Studies, Russell Square. The sentencing part reviews the aims of punishment, the work of sentencers, and the information they receive in reports. There follows a review of the penal process including custodial measures such as prison and non-custodial measures available in England and Wales. Where possible comparative references are made but this is primarily a course on the English penal system.

Syllabus:

1. *Sentencing.* The aims of punishment for crime. The information for the sentencing court (including police antecedents reports, social inquiry reports and medical reports). Psychiatric evidence. Disparities in sentencing, the research findings. Remedies and techniques for improving the sentencing process. Training sentencers. Alternative sentencing structures. Selected issues in sentencing, including: life and long sentences; recidivism and the dangerous offender; exemplary sentences and deterrence; the mentally-disordered offender; the petty inadequate offender.
2. *The Penal Process.* History of the English prisons. Aims of the modern prison system. Organisation of prisons. The pressures on the prison system. Problems concerning accommodation, staff (including recruitment and training), classification of prisoners, and security. Employment of prisoners and pay or earnings. Education and training of prisoners. Welfare and leisure activities. Release procedures, including remission and parole. Prison disciplinary proceedings.

the rights of prisoners and their protection under English law and the European Convention on Human Rights. The "Justice" model and the "Treatment" model. Evaluation of the effectiveness of prison. The provisions concerning the custody of young adult offenders.

3. *Non-Custodial Measures.* Probation, including both "traditional" probation and new developments involving the probation and after-care service. Community service orders. Other alternatives to prison: The suspended sentence. The fine. Absolute and conditional discharges. Bind-overs. Restitution and compensation. "Diversion" schemes. Voluntary hostels and after-care schemes.

4. *Crime Prevention.* The police and public attitudes towards crime. The relation of research to criminal policy.

Pre-Requisites: Since this is a post-graduate course, an LL.B. or its equivalent.

Teaching Arrangements: A weekly seminar lasting one and a half hours, which usually takes the form of a lecture by the teacher concerned followed by discussion, though the pattern may vary. Individual teachers drawn from the law faculties of the University of London will each contribute according to their fields of interest and research. Seminars: LL223 26 Sessional, Wednesdays 16.30–18.00 IALS, begin Oct. **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: R. Cross, *The English Sentencing System* (3rd edn. 1975); N. Walker, *Sentencing in a Rational Society*, 1969; Nigel Walker, *Sentencing Theory, Law and Practice*, 1985; A. Ashworth, *Sentencing and Penal Policy*, 1983; D. A. Thomas, *Principles of Sentencing* (2nd edn., 1979); R. Cross, *Punishment, Prison and the Public*, 1971; Baldwin & Bottomley, *Criminal Justice, Selected Readings*, 1970; J. E. Hall Williams, *The English Penal System in Transition*, 1970; *Changing Prisons*, 1975; *Criminology and Criminal Justice*, 1982; Home Office, *Prisons and the Prisoner*, H.M.S.O., 1977; N. Tutt (Ed.), *Alternative Strategies for Coping with Crime*, 1978; S. Stanley and M. Baginsky, *Alternatives to Custody*, 1984; *The Sentence of the Court*, H.M.S.O.; *Powers of Criminal Courts Act*, 1973; *Criminal Justice Act*, 1982; *Annual Reports of the Prison Department*, Home Office; *Annual Reports of the Parole Board*, Home Office; Home Office Research Unit Publications; Reports of the Advisory Council on the Penal System; House of Commons, Home Affairs Committee Reports, 1980.

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.

LL6140

Carriage of Goods By Sea

Teacher Responsible: Professor A. L. Diamond, Room A501 (Secretary, Colleen Etheridge, A502)

Course Intended Primarily for LL.M.

Scope: The law of carriage of goods by sea under bills of lading or charter-parties.

Syllabus: 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 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 6 in the Summer Term).

Reading List: The recommended text is Payne and Ivamy, *Carriage of Goods by Sea* (12 edn., 1985).

Other Books: Carver, *Carriage by Sea* (British Shipping Law, 2 Vols., 13 edn., 1982); Scrutton, *Charterparties and Bills of Lading* (18th edn., 1974); Lowndes and Rudolf, *The Law of General Average and the York-Antwerp Rules* (British Shipping Laws, Vol. 7, 10th edn., 1975).

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

Teachers Responsible: Professor A. L. Diamond, Room A501 (Secretary, Colleen Etheridge, A502) and Mr. P. T. Muchlinski, Room L107 (Secretary, Mrs. Pam Hodges, A369)

Course Intended Primarily for LL.M. students.

Scope: A detailed analysis of the law of marine insurance, including its historical evolution and commercial context.

Syllabus:

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 will be a three-hour formal examination in the September following the course.

LL6150

Comparative Constitutional Law I

Teachers Responsible: Professor L. H. Leigh, Room A541 (Secretary, Mrs. S. Hunt, A304) and Mr. P. Creighton, King's College, London.

Course Intended Primarily for LL.M. students, but may also be taken by M.Sc. students.

Scope: The aim of the course is to discuss problems of comparative federalism with special reference to the constitutions of the United States of America, Canada and Australia.

Syllabus:

I. General principles of federalism and the constitutional structures of the United States, Canada, and Australia (in outline). The influence of the imperial structure and the American example in the case of Canada and Australia.

II. Government institutions and the federal principle. First and second chambers. Parliamentary and congressional government and the representation and rights of states and provinces. The federal executive and regional representation. The influence of conventions of the constitution.

III. The judicial structure of the federal principle: the United States contrasted with Canada and Australia. Arguments for and against the several judicial systems.

IV. The doctrine of the separation of powers: the United States and Australia contrasted with Canada; definition of powers; delegation of legislative powers.

V. General principles governing the allocation of legislative powers. Doctrine of implied immunity of

instrumentalities. Doctrine of inconsistency. The judicial function is constitutional cases: advisory opinions, political questions.

VI. The regulation of trade and commerce. Freedom of trade within the three federal systems; the effect of other specific powers in the regulation of trade and commerce.

VII. Finance. The allocation of taxing powers. The spending power of the federal governments; intergovernmental grants; the machinery of fiscal allocation in the three systems.

VIII. External affairs: the power to enter into and implement external obligations. Relations between the states and provinces and foreign governments, and between the federal government and foreign governments.

IX. Aspects of constitutional protection of fundamental rights and the rights of minorities. The effect of a Bill of rights on federal-state relationships.

Pre-Requisites: The course is most suitable for students who have previously studied a federal constitution.

Teaching Arrangements: This course is taught by 30½ seminars (LL200) in Michaelmas, Lent and Summer Terms. Seminars are held at the Institute of Advanced Legal Studies.

Written Work: Students are not required to submit written work. It is however desirable that they do so and students are encouraged to prepare papers for seminar discussion. Verbal participation in seminars is obviously essential.

Reading List: The following represents a minimum list. Further reading is assigned on the reading lists prepared for seminars. Reference may be made to this which is distributed as a course handout. L. Tribe, *American Constitutional Law* (1978); P. W. Hogg, *Canadian Constitutional Law: Canada Act 1982 annotated*; D. Lumb & K. Ryan, *The Constitution of Australia*; W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*; G. Sawyer, *Modern Federalism*; G. Gunther, *Constitutional Law, Cases and Materials* (10 edn. 1980 and Supp.); D. V. Smiley, *Canada in Question: Federalism in the Eighties* (1980).

Examination Arrangements: This course is examined by a three hour paper in late August or early September. Ten questions are normally set of which four must be answered.

LL6151

Comparative Constitutional Law II

Teachers Responsible: Mr. L. A. Wolf-Phillips, Room K208 (Secretary, Miss E. Schnadhorst, K206). Professor J. S. Read (SOAS), and Dr. Peter Slinn (SOAS).

Course Intended Primarily for LL.M. students, but may also be taken by M.Sc. and M.A. (Area Studies) students.

Scope: A comparative and thematic approach to the constitutional laws of Commonwealth countries other than the United Kingdom, Australia, Canada, India and Malaysia.

Syllabus: I. The constitutional structure of the Commonwealth and status within it; full members, special membership, associated states. Consultation

and cooperation within the Commonwealth. The Commonwealth Secretariat. The classification of dependent territories (within the Commonwealth) and constitutional structure of government therein; powers of the Crown, the United Kingdom Parliament, Governors and colonial legislatures; constitutional evolution; the attainment of internal self-government. The attainment of independence.

II. Constitutional developments in independent Commonwealth states; problems of constitutional evolution, including divided societies, and the place of elements of traditional government in modern constitutions. The concept of autochthony. Constitutionalism and constitutional breakdowns, including the role of the courts. Military government.

III. Comparative constitutional structure of Commonwealth states. The executive. Cabinet government. Presidential systems. The legislature: structure and powers; minority representation; the role of second chambers; electoral systems. Relations between the executive and the legislature. Single party systems. Procedures for constitutional amendment.

Safeguards against the abuse of power; constitutional guarantees and prohibitions; Bills of Rights; constitutional safeguards, including Ombudsmen. Constitutional provisions for the protection of the judiciary, the public service, and the police, and for safeguarding the electoral system, the process of prosecution, and the auditing of public accounts. The courts and the scope and exercise of powers of judicial review of the constitutionality of legislative and executive action. Emergency powers. Federal constitutions and experiments in the Commonwealth. Regional associations or Communities. The problems of very small territories. Associated status.

Pre-Requisites: The course is suitable for lawyers who have a background in constitutional law, and for political science graduates with some background or interest in comparative political institutions.

Teaching Arrangements: The course is taught by weekly lecture-seminars (LL201) (Mondays) and fortnightly seminars (alternate Wednesdays) on a sessional basis; that is, a total of 45 seminars of 1½ hours each. All seminars are held at the Institute of Advanced Legal Studies.

Written Work: Students are not required to submit written work, but are encouraged to prepare papers for the Wednesday seminar meetings. Verbal participation in the seminar proceedings by all students is considered by the teachers to be an important part of the learning process. A 'mock examination' will be held during the session.

Reading List: Readings for each seminar topic will be distributed during the session, and the following represents a minimum list of introductory readings to important parts of the course: Sir William Dale, *The Modern Commonwealth*; S. A. de Smith, *The New Commonwealth and its Constitutions*; B. O. Nwabueze, *Constitutionalism in the Emergent States*; *Presidentialism in Commonwealth Africa*; *Judicialism in Commonwealth Africa*; D. O. Judd and P. E. Slinn, *The Evolution of the Modern Commonwealth, 1902-1980*; A. Mazrui, *The Anglo-American Commonwealth*; B. Benedict, *Problems of Smaller Territories*; S. A. de Smith, *Microstates and*

Micronesia; Sir Kenneth Wheare, *Federal Government*; G. Sawyer, *Modern Federalism*; L. Wolf-Phillips, *Comparative Constitutions*; *Constitutional Legitimacy: A Study of the Doctrine of Necessity*. A. P. Blaustein and G. Flanz, *Constitutions of the Countries of the World* (Library call-mark K3157 A3.B64) is a multi volume work which is constantly updated; it is the most authoritative and comprehensive reference source as to world constitutional texts together with chronological introductions and bibliographies for each country.

Examination Arrangements: This course is examined by a three-hour paper in late August or early September.

LL6156

Public Interest Law

Teachers Responsible: Dr. Carol Harlow, Room A463 and Mr. Richard Rawlings, Room A356 (Secretaries, Catherine Pankhurst, A371 and Susan Hunt, A304)

Course Intended Primarily for LL.M.

Scope: The emphasis is on the use of litigation and 'public advocacy' (e.g. lobbying by representation) to advance the cause of interest groups and/or 'the public interest'. We focus in particular on the procedures and institutions, both legal and political, by which access to the decision-making process may be achieved. Materials from social and political science will be used.

Syllabus:

A. Legal Action and the Administrative Process

(a) Introductory: students will be expected to have an understanding of the main methods of recourse to courts, including Order 53 procedure, and the remedies available.

(b) facilitating legal action:

(i) legal aid and advice

(ii) the law centre movement;

(iii) para-legal advice (e.g. Citizens' Advice Bureaux);

(iv) tribunal representation and advocacy.

(c) substitutes for individual action:

(i) the class and representative actions;

(ii) the relator action (see below) and local authority actions;

(iii) test case strategy (with particular reference to welfare law and prisoners' rights).

B. Access to the political system

(a) The constituency MP: grievances and interest representation (with special reference to immigration and social assistance).

(b) The central government department; grievances and interest representation.

C. Access to Official Information

(a) Parliamentary techniques (questions, Select Committees, debates etc.).

(b) The ombudsman as 'a window on administration'.

(c) Litigation: discovery of documents, public interest immunity and contempt of court.

(d) 'Freedom of Information' legislation, Data Protection and the Official Secrets Acts.

D. Public Advocacy

(a) The office of Attorney-General and other public interest representation.

(b) Semi-autonomous agencies; extended case studies will be made of institutions such as:

- (i) The Commission for Racial Equality
- (ii) The Equal Opportunities Commission
- (iii) The Supplementary Benefits Commission and the Social Security Advisory Committee.
- (iv) United Kingdom Immigrants Advisory Service.

E. Interest Groups

Composition of activities; case studies will be made of areas of activity such as:

- (i) environmental protection;
- (ii) immigration control;
- (iii) welfare and housing;
- (iv) civil liberties and the legal process.

F. Extra-Judicial Redress of Grievance

Comparison will be made of the following complaints systems, with special reference to negotiation, conciliation and interest representation; adversarial and inquisitorial procedure; and stimulation of administrative grievance procedure.

(a) Ombudsman techniques

- (i) the Parliamentary Commissioner for Administration.
- (ii) The Commission for Local Administration.
- (iii) The Health Service Commissioner.

(b) The Police complaints system

(c) Complaints about:

- (i) the legal process;
- (ii) the nationalised industries;
- (iii) the National Health Service.

Pre-Requisites: Some knowledge of a common law system of administrative law will be helpful but not essential.

Teaching Arrangements: There will be 30 two-hour seminars meeting weekly LL235 (time and place to be arranged) and the subject will be examined by a 3-hour examination at the end of the year. There will be the opportunity to contribute papers and to develop research interests through the year.

Reading List: The proposed course book will be Harlow & Rawlings, *Law and Administration* (1984). Much of the reading will be from the extensive periodical and pamphlet literature. More detailed reading lists on specific topics will be issued from time to time. A study guide is filed in the LSE library.

LL6176

Soviet, East European and Mongolian Law

Teachers Responsible: Jointly Professor I. Lapenna, L.S.E. Room K300 (Secretary, Mrs. Pam Hodges, A369) and Professor W. E. Butler (U.C.).

Course Intended Primarily for LL.M.

Scope: The aim of the course is to provide students with a wider and deeper knowledge of the so-called "socialist" legal systems of the U.S.S.R., East-European countries and Mongolia.

Syllabus: General introduction for all students: history; source materials: Marxist and Leninist theories of State and law; concept of ownership; constitutional framework; role of the Communist Party; judicial system; the legal profession; system.

Special subjects: A study of two of the following subjects:

- (a) History of Marxist Legal Thought,
- (b) Theories on Legal History,
- (c) Criminal Law and Procedure,
- (d) Constitutional and Administrative Law,
- (e) Economic Law,
- (f) Labour Law,
- (g) Family Law,
- (h) Natural Resources and Environment Law,
- (i) Collective Farm (*Kolkhoz*) Law,
- (j) Criminology and Correctional Labour Law,
- (k) Socialist and Economic Integration,
- (l) Soviet and East European Attitudes Toward Public International Law.

The special subjects available will be announced at the beginning of the academic year. The emphasis as between Soviet and East European or Mongolian law in each option is at the discretion of the teachers.

Pre-Requisites: Knowledge of Russian or East European languages is not required, but students are expected to familiarise themselves with some technical legal terms in these languages.

Teaching Arrangements: One seminar (LL211) of 1½ hours per week, Sessional (**Professor Lapenna** or **Professor Butler**)

Written Work: 3 essays of about 3,000 words each, one relating to the general introduction, and two others to questions dealt with in the two chosen options.

Professor Lapenna and **Professor Butler** are responsible for setting, marking and discussing the essays in their respective parts of the course.

Reading List: (a) **Bibliography:** W. E. Butler (Ed.), *Russian and Soviet Law: Writings on Soviet Law and Soviet International Law*; P. S. Romashkin (Ed.), *Literature on Soviet Law*.

(b) **Books:** H. Babb (trans), *Soviet Legal Philosophy*; D. D. Barry & Ors. (Ed.), *Soviet Law After Stalin*, Vol. I-III; W. E. Butler, *Soviet Law*; H. J. Berman, *Justice in the U.S.S.R.*; O. Bihari, *Socialist Representative Institutions*; M. Cain & A. Hunt, *Marx and Engels on Law*; K. Grzybowski, *Soviet Legal Institutions*; J. N. Hazard, *Communists and their Law*; M. Jaworskyj, *Soviet Political Thought: An Anthology*; H. Kelsen, *The Communist Theory of Law*; I. Kovacs, *New Elements in the Evolution of Socialist Constitutions*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; *Marxism and the Soviet Constitutions*; *Soviet Penal Policy*.

(c) **Casebooks:** J. N. Hazard & Others (Eds.), *The Soviet Legal System*; Z. Zile, *Ideas and Forces in Soviet Legal History*.

(d) **Journals and periodicals:** *Law in Eastern Europe*, *Osteuropa Recht*, *Review of Socialist Law*, *Soviet Law and Government*, *Soviet Statutes and Decisions*.

Supplementary Reading List: Further reading will be assigned for students taking options (a) to (l).

Examination Arrangements: A three hour written examination in September based on the general introduction and the two options chosen by students. The paper consists of one section (four questions) related to the General Introduction of the course (Section A), and as many other sections (two questions in each) as there are options among (b) and (l) above,

which have been taught during the academic year. Candidates are required to answer four questions: two from Section A (General) and one each from two of the remaining sections. One quarter of the marks are awarded for each of the four answers. Copies of previous years papers are available.

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
Ph100	Introduction to Scientific Method Dr. J. Worrall	25/MLS Ph5240; Ph5210; Ph6200; Ph6208
Ph102	Scientific Method Dr. J. Worrall	10/M Ph5240; Ph5230; Ph6200
Ph103	Social Philosophy Dr. D. Ruben	40/ML Ph5250; Ph6250
Ph104	Methodology of the Social Sciences Professor J. Watkins	10/L Ph5230; Ph6208
Ph105	Philosophy of Economics Mr. K. Klappholz, Dr. P. Urbach and Dr. D. Ruben	16/LS Ph5320; Ph6208
Ph106	History of Modern Philosophy: Bacon to Hume Dr. D. Ruben, Dr. C. Howson, Professor J. Watkins and Dr. E. Zahar	25/MLS Ph5300; Ph6204
Ph107	Kant Dr. E. Zahar	10/M Ph5300; Ph6204; Ph6205
Ph108	History of Epistemology After Kant Dr. E. Zahar	15/LS Ph5310; Ph6204; Ph6205
Ph109	The Rise of Modern Science Dr. E. Zahar	25/MLS Ph5240; Ph6200; Ph6207
Ph110	Fundamental Ideas in Classical and Relativistic Physics Dr. E. Zahar	15/LS Ph5240; Ph6205; Ph6207; SM7024
Ph112	Introduction to Logic Dr. J. Worrall	25/MLS Ph6209

Lecture/ Seminar Number		Study Guide Number
Ph114	Introduction to Mathematical Logic Dr. C. Howson	25/MLS Ph5201; Ph5220; Ph6201; Ph6203
Ph115	Mathematical Logic: Incompleteness and Undecidability Dr. C. Howson	20/ML Ph5221; Ph5222; Ph6202
Ph116	Philosophy of Mathematics Dr. J. Worrall	10/M Ph5220; Ph5315; Ph6201; Ph6203; Ph6206
Ph117	Problems of Metaphysics Professor J. Watkins	20/ML Ph5310
Ph118	Theories of Probability Dr. C. Howson	25/MLS Ph5223; Ph6200; Ph6210
Ph120	Philosophy and Scientific Method — Seminar Professor J. Watkins and others	30/MLS Ph6200
Ph122	Scientific Method — Seminar Professor J. Watkins	20/ML Ph6200
Ph123	History and Philosophy of Science and Mathematics — Seminar Dr. J. Worrall, Dr. D. Ruben and Dr. E. Zahar	25/MLS Ph6205; Ph6207
Ph124	Philosophy of the Social Sciences — Seminar Dr. D. Ruben and Mr. K. Klappholz	20/ML Ph5320; Ph6208
Ph125	Metaphysics and Epistemology—Seminar Dr. E. Zahar and Dr. H. Fields	19/ML PH6205
Ph126	Scientific Discovery—Seminar Dr. H. Fields	24/MLS Ph6200; Ph6207
Ph128	Philosophy of Mathematics — Seminar Dr. J. Worrall	10/ML Ph5220; Ph5315; Ph6206
Ph129	Social Philosophy — Seminar Dr. D. Ruben	25/MLS Ph6250
Ph130	Problems of Metaphysics — Seminar Professor J. Watkins and Dr. H. Fields	16/ML Ph5310

Study Guides**Ph5200****Introduction to Logic****Teacher Responsible:** Dr. John Worrall, Room A211 (Secretary, A214)**Course Intended Primarily for** B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Psych., Soc.**Scope:** The aim of the course is to teach the student to recognise and formulate correct arguments or inferences from given assumptions.**Syllabus: A:** The importance and scope of clear, deductive reasoning. The main problem of logic: which inferences or deductions are 'correct' or valid? The related problems of which sets of assumptions are consistent and of which sentences are logically true ('true in all possible worlds'). Truth-functional logic: a restricted system in which many intuitive inferences can be formally expressed and a decision about their validity achieved via a finite decision procedure.**B:** First-order predicate logic: a system in which the overwhelming majority of inferences both from ordinary discourse and from mathematics and science are adequately representable; rules of proof for first-order logic and proofs of validity; the method of interpretation: invalidity of inference, consistency and independence; first-order logical truth and falsity. First-order logic with identity.**C:** Some topics concerning the role and status of logic. The match between formal and informal reasoning: how formal logic helps in the analysis of these; informal arguments; articulating 'hidden assumptions' and detecting fallacies. A brief account of some problems in the foundations of logic including the 'paradoxes' of set theory and of truth. Logic and the foundations of mathematics: the power and limitations of the axiomatic method; completeness, incompleteness and undecidability.**Pre-Requisites:** None. Prospective students should not be afraid of symbolic reasoning but no formal mathematical background is presupposed.**Teaching Arrangements:** There will be 25 lectures (Ph112) (Sessional) and weekly classes (Ph112a). Problem sheets will be handed out in the lectures and students will be expected to complete the exercises and discuss them in the class.**Reading List:** Patrick Shaw, *Logic and its Limits*. (This is a useful introductory book but does not begin to cover the syllabus). There are various text books, which do cover sections A and B of the syllabus. The most helpful of which is: P. Suppes, *Introduction to Logic*. **Background Reading:** R. Smullyan, *What's the Name of this Book?*; E. Nagel & J. R. Newman, *Gödel's Proof*.

A full set of lecture notes will be distributed.

Examination Arrangements: The examination paper will contain about 12 questions arranged in three sections corresponding to the three parts of the syllabus. Section A: truth-functional logic. Section B: first order predicate logic. Section C: general questions on the foundations and applications of logic. Candidates are required to answer five questions, AT LEAST ONE question from each section and no more than two from Section A.**Ph5201****Introduction to Mathematical Logic****Teacher Responsible:** Dr. C. Howson, Room A209 (Secretary, A214)**Course Intended Primarily for** B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil.; M.Sc. Logic and Sci. Method; M.Sc. Soc. Phil.; Dip. Logic and Sci. Method; Dip. Soc. Phil. **Syllabus:** Propositional logic (the theory of negation, 'and', 'or', 'if...then' and truth-functions generally). Predicate languages of first order. Axiomatisation of first-order validity. Interpretations and models.**Pre-Requisites:** None.**Teaching Arrangements:** One one-hour lecture (Ph114), **Introduction to Mathematical Logic**, per week during the Michaelmas and Lent Terms and for the first five weeks of the Summer Term, combined with one one-hour class (Ph114a) per week during the Michaelmas and Lent Terms. Exercises will be regularly distributed and worked through in the classes.**Reading List:** A complete set of lecture notes will be distributed. For auxiliary reading E. Mendelson, *Introduction to Mathematical Logic*. Chapters 1 and 2 will be useful.**Examination Arrangements:** One three-hour paper of ten questions, of which four must be completed correctly to obtain full marks. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.**Ph5210****Introduction to Scientific Method****Teacher Responsible:** Dr. John Worrall, Room A211 (Secretary, A214)**Course Intended Primarily for** B.Sc. (Econ.) Part I, B.Sc. Course Unit 500/5210 B.Sc. (Econ.) Part II (for students not specialising in Philosophy).**Scope:** A study of the general features of scientific reasoning both in the physical and human sciences. The aim of the course is to consider the problems of evaluating claims that certain conclusions (that the earth moves around the sun, that light consists of photons, that smoking causes cancer, that environmental factors are the main determinants of IQ scores, etc. etc.) are scientifically justified. In the last ten lectures, philosophical problems that arise specifically in the social sciences are discussed.**Syllabus: I:** A general introduction to scientific reasoning and its importance. A basic introduction to valid deductive reasoning: drawing consequences from assumptions.**II.** The structure of fundamental scientific theories. Principles governing the confirmation of a scientific theory: some fallacies of theory testing.**III.** Can we explain human action in the same way in which we explain natural events? The role of functional explanation in the social sciences. Prediction and self-prediction. Are social wholes reducible to the individuals who compose them? Can large scale social phenomena be explained in terms of individuals? Values and objectivity in the social sciences.**Pre-Requisites:** None. In particular, the treatments of logic, of the scientific examples and of statistics and probability are elementary and self-contained.**Teaching Arrangements:** There is one lecture course (Ph100) consisting of 15 lectures on sections I and II (Dr. Worrall) and 10 lectures on section III of the syllabus (Dr. Ruben) and an associated series of classes (Ph100a).**Written Work:** Question-sheets will be handed out at the lectures; students will be expected to prepare written answers and discuss their answers in class. There will also be the opportunity for more general discussion in class.**Reading List:** The basic texts for parts I and II of the course is R. N. Giere, *Understanding Scientific Reasoning*.Reading for part III is A. Ryan, *The Philosophy of the Social Sciences*.**Recommended Further Reading List:** S. Campbell, *Flaws and Fallacies in Statistical Thinking*; M. Gardner, *Fads and Fallacies in the Name of Science*; I. Hacking, *The Logic of Statistical Inference*; D. Huff, *How to Lie with Statistics*; P. Kitcher, *Abusing Science*; C. G. Hempel, *Philosophy of Natural Science*; T. S. Kuhn, *The Structure of Scientific Revolutions*; I. Lakatos, 'The Methodology of Scientific Research Programmes' (*Philosophical Papers*, Vol. I); K. R. Popper, *Conjectures and Refutations*; J. Randi, *Flim Flam*; John O'Neill (Ed.), *Modes of Individualism and Collectivism*; Michael Lesnoff, *The Structure of Social Science*; Anthony Flew, *Thinking About Social Thinking*; Roger Trigg, *Understanding Social Science*; M. Hollis & S. Lukes, *Rationality and Relativism*.**Examination Arrangements:** Assessment for both Part I and Part II candidates is entirely based on a three-hour formal examination in the Summer Term.**Ph5220****Ph6201****Logic****Teacher Responsible:** Dr. C. Howson, Room A209 (Secretary, A214)**Course Intended Primarily for** B.Sc. (Econ.) Part II Philosophy; B.Sc. c.u. main field Chem. and Phil.; M.Sc. Logic and Sci. Method; M.Sc. Soc. Phil.; Dip. Logic and Sci. Method; Dip. Soc. Phil.**Syllabus:** Propositional logic (the theory of negation, 'and', 'or', 'if...then' and truth-functions generally). Predicate languages of first order. Axiomatisation of first-order validity. Interpretations and models.**Pre-Requisites:** None.**Teaching Arrangements:** One one-hour lecture (Ph114), **Introduction to Mathematical Logic**, per week during the Michaelmas and Lent Terms and for the first five weeks of the Summer Term, combined with one one-hour class (Ph114a) per week during the Michaelmas and Lent Terms. Exercises will be regularly distributed and worked through in the classes. The lecture course Ph116 and the Seminar Ph128 are also relevant.**Reading List:** A complete set of lecture notes will be distributed. For auxiliary reading E. Mendelson, *Introduction to Mathematical Logic*. Chapters 1 and 2 will be useful.**Examination Arrangements:** One three-hour paper of about ten questions, of which four must be completed to obtain full marks. Copies of previous examination

papers are available from the cupboards in the corridor outside Room A214.

Ph5221**Ph6202****Mathematical Logic****Teacher Responsible:** Dr. C. Howson, Room A209 (Secretary, A214)**Course Intended Primarily for** B.Sc. (Econ.) Part II Philosophy; M.Sc. Logic and Sci. Method; Dip. Logic and Sci. Method.**Syllabus:** The Completeness Theorem for first order logic. Proofs of Gödel's Incompleteness Theorems. Church's Theorem, Tarski's Theorem. Arithmetisation. The notion of a computable function from sequences of natural numbers into natural numbers and various equivalent characterisations. Elements of recursive function theory.**Pre-Requisites:** The student will be expected to have a knowledge of predicate calculus up to the standard of an introductory course.**Teaching Arrangements:** One two-hour lecture (Ph115) per week during the Michaelmas and Lent Terms, combined with one one-hour class (Ph115a) during these Terms. Exercises will be distributed regularly and worked through in class.**Reading List:** A complete set of lecture notes will be distributed.**Supplementary Reading List:** E. Mendelson, *Introduction to Mathematical Logic*; Bell & Machover, *A Course in Mathematical Logic* Chs. 6, 7; S. C. Kleene, *Introduction to Metamathematics*; Boolos & Jeffrey, *Computability and Logic*. Other good modern texts are many, some of which will be referred to during the course.**Examination Arrangements:** One three-hour paper of about ten questions, of which four must be correctly completed to obtain full marks. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.**Ph5222****Incompleteness and Undecidability****Teacher Responsible:** Dr. C. Howson, Room A209 (Secretary, A214)**Course Intended Primarily for** B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Maths. and Chem.**Syllabus:** The Completeness Theorem for first order Logic. Proofs of Gödel's Incompleteness Theorems, Church's Theorem, Tarski's Theorem. The Completeness Theorem for first order logic. Arithmetisation. The notion of a computable function from sequences of natural numbers into natural numbers and various equivalent characterisations. Elements of recursive function theory.**Pre-Requisites:** The student will be expected to have a knowledge of predicate calculus up to the standard of an introductory course.**Teaching Arrangements:** One two-hour lecture (Ph115) per week during the Michaelmas and Lent Terms, combined with one one-hour class (Ph115a) during these Terms. Exercises will be distributed regularly and worked through in class.

Reading List: A complete set of lecture notes will be distributed.

Supplementary Reading List: E. Mendelson, *Introduction to Mathematical Logic*; Bell & Machover, *A Course in Mathematical Logic* Chs 6, 7; S. C. Kleene, *Introduction to Metamathematics*; Boolos & Jeffrey, *Computability and Logic*. Other good modern texts are many, some of which will be referred to during the course.

Examination Arrangements: One three-hour paper of about ten questions, of which four must be correctly completed to obtain full marks. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

**Ph5223
Ph6210**

Theories of Probability

Teacher Responsible: Dr. C. Howson, Room A209 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main field Maths. and Phil.; M.Sc.; Dip. Logic and Sci. Meth.

Syllabus: The Probability Calculus and elementary distribution theory. The early "classical", theory of Probability. Theories of objective probability: the frequency theory of von Mises; the propensity theory of Popper; other theories. Theories of inductive probability: the logical theory of Keynes and Carnap, the Bayes-Laplace theory; the theories of personal probability of Ramsey, de Finetti and Savage.

Pre-Requisites: None, but elementary calculus would be helpful.

Teaching Arrangements: There is a lecture course of 25 lectures (Ph118). A weekly class (Ph118a) is attached to this lecture course.

Recommended Reading: A set of lecture notes will be distributed. Reference to parts of each of the following will be necessary, and other reading will be suggested during the course.

Reading List: W. Feller, *An Introduction to Probability Theory and its Applications*, Vol. I; P. S. Laplace, *A Philosophical Essay on Probabilities*; J. M. Keynes, *A Treatise on Probability*; R. von Mises, *Probability, Statistics and Truth*; H. Jeffreys, *Theory of Probability*; R. Carnap, *Logical Foundations of Probability*; K. R. Popper, *Logic of Scientific Discovery*; H. E. Kyburg and H. Smokler, *Studies in Subjective Probability* (2nd edn.).

Examination Arrangements: Assessment is entirely based on a three-hour formal examination in the Summer Term.

Ph5230

Scientific Method

Teacher Responsible: Dr. John Worrall, Room A211 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.), Special Subject Philosophy, or Philosophy and Economics and B.Sc. c.u. main field Philosophy and Mathematics, and Philosophy and Chemistry. It is normally taken in the second year of study. The course is also available as an outside option to students whose main subject is not

one of those mentioned. However these students must have already passed the course in **Introduction to Scientific Method**.

Scope: The course covers various problems concerning the nature of science and the progress of science, and also examines various philosophical problems arising in the social sciences.

Syllabus for Ph102: (1) The Duhem-Quine problem: can theories be falsified? or is the "whole of our knowledge" involved in any test? (2) Scientific Realism and Scientific Change: does the existence of scientific revolutions destroy the idea that science is aiming at truth? (3) Appraisal, Advice and Rationality: what follows from the methodological appraisal that T is the best available theory? Would it be *irrational* to pursue a theory other than T or to regard T as false? If not, in what sense, if any, are creationists and other opponents of scientific orthodoxy "irrational"?

Ph104: The explanation of social phenomena as the unintended results of rational action. The benign and also malign, working of "the invisible hand". Models for its malign working: positive feedback, negative feedback with excessive time-lag. The Prisoners' Dilemma. Special problems in testing hypotheses in the social sciences: self-defeating and self-fulfilling predictions, measurability.

Teaching Arrangements: There are two lecture courses and an accompanying class for each. Lectures: (Ph102) **Scientific Method (Dr. J. Worrall)** 10 Michaelmas Term. (Ph104) **Methodology of the Social Sciences (Professor J. Watkins)** 10 Lent Term. Classes: 20 Michaelmas and Lent Terms. (Ph102a) (Dr. J. Worrall) and (Ph104a). Students would also find it helpful to attend lecture course Ph118 **Theories of Probability**.

Reading List for Ph102:

No one book covers the entire syllabus. Detailed lecture notes, including specific readings, will be distributed. Useful background reading is: T. S. Kuhn, *The Structure of Scientific Revolutions*; I. Lakatos, *The Methodology of Scientific Research Programmes*; C. Howson (Ed.), *Method and Appraisal in the Physical Sciences*.

Further Reading: P. Duhem, *The Aim and Structure of Physical Theory*; H. Poincaré, *Science and Hypothesis*; J. Leplin (Ed.), *Scientific Realism*; J. Watkins, *Science and Scepticism*.

Ph104:

R. Boudon, *The Logic of Social Action*; K. R. Popper, *The Poverty of Historicism*; F. A. Hayek, *The Counter-revolution of Science, Part 1*; P. Winch, *The Idea of a Social Science*; R. G. Collingwood, *The Idea of History*; Anatol Rapoport, *Two-Person Game Theory*; Thomas C. Schelling, *The Strategy of Conflict*; A. Weissberg, *Conspiracy of Silence*.

Anthologies and Readings: E. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory* (especially the chapters by Friedman, Robbins, von Mises, Simon and Arrow); I. Lakatos & A. E. Musgrave (Eds.), *Problems in the Philosophy of Science* (pages 305-432); H. Feigl & M. Brodbeck (Eds.), *Readings in the Philosophy of Science, Part 8*; P. Gardiner (Ed.), *Theories of History*; M. Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences*; L. I. Krimmerman

(Ed.), *The Nature and Scope of Social Science*; R. Borger & F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*.

Students should also see the recommended reading for course Ph105.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for all of the lecture courses. To obtain full marks, four questions must be answered. The paper is divided into two sections one being concerned with the physical sciences and the other with the social sciences. Students should answer at least one question from each part. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5240

The Rise of Modern Science, Copernicus to Newton

Teacher Responsible: Dr. E. G. Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Scope: The main object of this course is to trace the development of Mechanics and Astronomy from the early Renaissance to the beginning of the 18th Century; or equivalently, from Ptolemy to Newton. It is highly selective history, the selection being carried out in terms of philosophical relevance. In the case of certain scientists, like Kepler and Newton, a modern simplified account of their theories is given before looking into the historical origins of these theories and the way they gradually evolved. Superfluous technicalities are avoided, but some mathematics is needed for the latter part of the course. The required mathematical machinery will be developed within the course, which is therefore relatively self-contained. For 1986-87 only, there will also be a detailed study of the development of theories of light from Newton to the mid-19th Century.

Syllabus For Ph109: (1) The Scientific Revolution which started with Copernicus and culminated with Galileo, Kepler, Descartes and Newton.

(2) A brief account of the discovery of the Calculus. (3) The philosophical aftermath of the emergence of Newtonian science, in particular Kant's Mach's and Poincaré's respective appraisals of Newtonian dynamics.

(4) The early 19th Century revolution in optics, when the Newtonian, corpuscular theory was replaced by the wave theory.

For Ph110: Physics: Basic notions of Newtonian Mechanics. Mass, momentum, energy, Conservation Laws. D'Alembert's Principle. Lagrange's and Hamilton's equations. Space and Time in Classical Physics. Maxwell's and Lorentz's electromagnetic theories. Einstein's Special Theory of Relativity. Role of positivism in Science. Mach's problem and the genesis of General Relativity. The Correspondence Principle: the transition from Hamilton's to Schrodinger's equations.

Pre-Requisites: Ph109: Mathematics 'O' Level and some acquaintance with the Calculus would help towards an understanding of the course, but are not absolutely necessary.

Ph110: A-level Mathematics (acquaintance with the differential calculus).

Teaching Arrangements: The basic course is Ph109 25 lectures and a weekly class (Ph109a) during the Michaelmas and Lent Terms.

Ph100 and Ph102 are also relevant.

For Ph110: There are also 2 lecture courses (SM123; Ph110), each accompanied by a class (SM123a), as follows: Lectures: **Ideas in Mathematics and Science**, and **Fundamental Ideas in Classical and Relativistic Physics**. These are more mathematical courses.

Written Work: Students are given a list of possible topics and will be expected to present a minimum of two class papers per term.

Reading List: G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*; C. Howson (Ed.), *Method and Appraisal in the Physical Sciences*; I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn, *The Copernican Revolution*; A. I. Sabra, *Theories of Light from Descartes to Newton*; S. Westfall, *Never at Rest*; R. Palter (Ed.), *The Annus Mirabilis of Sir Isaac Newton, 1666*; A. Koyre, *Newtonian Studies: From the Closed World to the Infinite Universe*; E. A. Burt, *The Metaphysical Foundations of Modern Physical Science*; A. Einstein & L. Infeld, *The Evolution of Physics*; H. Butterfield, *The Origins of Modern Science*; M. Caspar, *Kepler*; A. Koestler, *The Sleepwalkers*; S. Toulmin & J. Goodfield, *The Fabric of the Heavens: The Architecture of Matter: The Discovery of Time*; C. Boyer, *The Concept of the Calculus*; S. Drake (Ed.), *Discoveries and Opinions of Galileo*; Galileo, *Dialogue Concerning the Two Chief World Systems*; E. Meyerson, *Identity and Reality*; O. Toeplitz, *The Calculus*; G. Cantor, *Optics after Newton*.

For Ph110: For Physics: E. Mach, *The Science of Mechanics*; A. Einstein & L. Infeld, *The Evolution of Physics*; A. Einstein, *Relativity: A Popular Approach*; M. Born, *Einstein's Theory of Relativity*; G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*; E. Meyerson, *The Relativistic Deduction*.

Supplementary Reading List: S. Goldstein, *Classical Mechanics*.

Examination Arrangements: Three-hour formal examination in the Summer Term. About fifteen questions of which three should be answered. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

**Ph5250
Ph6250**

Social Philosophy

Teacher Responsible: Dr. D. Ruben, Room A212 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Soc. Phil.; M.Sc. Soc. Phil.

Scope: The main areas of normative philosophy, viz., ethics or moral philosophy and political philosophy.

Syllabus: The foundations of ethics: naturalism and non-naturalism. Ethical relativism. Ethical egoism. Types of ethical theories: consequentialism and deontology. Theories of the good. Morality and personal ideals.

Political principles and private morality. Positive and negative liberty. Justice as fairness and justice as merit. Natural and human rights. Representative and participatory democracy. Political obligation and civil disobedience.

What is law? Naturalism and positivism as theories of law. Legal reasoning and decision making. The limits of justified coercion: paternalism, moralism, and liberalism.

Pre-Requisites: None.

Teaching Arrangements: There is a lecture course of 40 lectures (Ph103) that covers moral and political philosophy and which is taught twice weekly for 20 weeks in the Michaelmas and Lent Terms. A weekly class (Ph103a) is attached to this lecture course, with a separate weekly seminar (Ph129) for M.Sc. Social Philosophy students.

Reading List: For Ph103: Aristotle, *Nicomachean Ethics*; Kant, *Fundamental Principles of Metaphysics of Morals*; J. S. Mill, *Utilitarianism*; J. S. Mill, *On Liberty*; William Frankena, *Ethics*; Philippa Foot (Ed.), *Theories of Ethics*; Joel Feinberg (Ed.), *Moral Concepts*; Joel Feinberg, *Social Philosophy*; A. Quinton (Ed.), *Political Philosophy*; P. Laslett et al (Eds.), *Philosophy, Politics and Society*, Series 1-5; R. B. Brandt, *A Theory of the Good and the Right*; *The Theory of Morality*; G. Harman, *The Nature of Morality*; F. Feldman, *Introductory Ethics*; D. Lyons, *Forms and Limits of Utilitarianism*; Smart & Williams, *Utilitarianism: For and Against*; J. L. Mackie, *Ethics*; T. Nagel, *The Possibility of Altruism*; S. Scheffler, *The Rejection of Consequentialism*; B. Williams, *Moral Luck*; D. H. Regan, *Utilitarianism and Co-operation*; Ted Honderich (Ed.), *Morality and Objectivity*; K. Lee, *A New Basis for Moral Philosophy*; J. Rawls, *A Theory of Justice*; N. Daniels (Ed.), *Reading Rawls*; B. Barry, *Political Argument*; R. Nozick, *Anarchy, State and Utopia*; J. Paul (Ed.), *Reading Nozick*; P. Pettit, *Judging Justice*; P. Singer, *Democracy and Disobedience*; W. M. Nelson, *On Justifying Democracy*; K. Graham (Ed.), *Contemporary Political Philosophy*; Martin Golding, *Philosophy of Law*; R. Dworkin (Ed.), *Philosophy of Law*; R. Dworkin, *Taking Rights Seriously*; H. L. A. Hart, *The Concept of Law*; N. MacCormick, *Legal Reasoning and Legal Theory*; J. Raz, *The Concept of a Legal System*; J. Raz, *The Authority of Law*; J. W. Harris, *Law and Legal Science*.

Examination Arrangements: Assessment is entirely based on a three-hour formal exam in the Summer Term. Three questions must be answered in all.

Ph5300

History of Modern Philosophy: Bacon to Kant

Teacher Responsible: Professor J. Watkins, Room A286 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II Philosophy, B.Sc. Course Unit.

Scope: A critical historical review and an introduction to some of the main problems of philosophy.

Syllabus: The philosophers discussed are: Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant. The main problems raised by these philosophers concern, for example: the question of a method for advancing science; theories of knowledge (scepticism, rationalism, empiricism); theories about reality (dualism, idealism, monism); 'proofs' of the existence of God; the mind-body problem; free-will and determinism.

Pre-Requisites: None.

Teaching Arrangements: Lectures: Ph106, *History of Modern Philosophy, Bacon to Hume* (Dr Howson, Professor Watkins, Dr. Ruben and Dr. Zahar); 1½ hour lectures, MLS Sessional. For second-year students.

Ph107 *Kant* (Dr. Zahar) 10 MT. For third year students.

Classes: Ph106a Dr. Martin (Room A213) Sessional for third year students.

Ph107a Dr. Martin (Room A213) L.T.

Written Work: Students are required to attend the class and to give papers based on a critical reading of texts.

Reading List: Students are advised to buy all, or most, of the following: Bacon, *Novum Organum* (Ed. F. H. Anderson); Descartes, *Philosophical Writings* edited by D. Anscombe and P. Geach (or an edition edited by J. Cottingham, R. Stoothoff & D. Murdoch); Spinoza, *Ethics* (in *The Collected Works of Spinoza*, Ed. Edwin Curley, Vol. 1); Locke, *Essay Concerning Human Understanding* (Ed. P. H. Nidditch); Leibniz, *Monadology* (Ed. P. and A. Schrecker); *Selections* (Ed. P. P. Wiener); Berkeley, *Three Dialogues between Hylas and Philonous*; *The Principles of Human Knowledge*; Hume, *Treatise of Human Nature*, Book 1 (Ed. P. H. Nidditch); Kant, *Prolegomena*.

Supplementary Reading List: Richard H. Popkin, *The History of Scepticism from Erasmus to Spinoza*; E. A. Burt, *The Metaphysical Foundations of Modern Science*; R. S. Westfall, *The Construction of Modern Science*; M. Mandelbaum, *Philosophy, Science and Sense Perception*; J. Bennett, *A Study of Spinoza's Ethics*; Bertrand Russell, *The Philosophy of Leibniz*; S. Brown, *Leibniz*; A. Koyré, *From the Closed World to the Infinite Universe*; P. Urbach, "Francis Bacon as a Precursor to Popper", *British Journal for the Philosophy of Science*, June 1982. (Available from the Philosophy Department.); S. Korner, *Kant*.

Examination Arrangements: Assessment is based entirely on a three-hour formal examination in the Summer Term. The examination paper consists of one question on each of the eight philosophers, of which three are to be answered. Each question is split into two (occasionally three) alternatives, only one of which may be selected. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5310

Epistemology and Metaphysics

Teacher Responsible: Professor J. Watkins, Room A286 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.

Scope: The course deals with questions about some of the most fundamental philosophical issues, such as: scepticism, probabilism, truth; space and time; consciousness and the mind-body problem; freedom and determinism; existence of God.

Teaching Arrangements:

Lectures: Ph117 *Problems of Metaphysics* (Professor Watkins) 20 Michaelmas and Lent Terms.

Ph108 *History of Epistemology after Kant* (Dr. Zahar) 15 Lent and Summer Terms.

Seminars: Ph130 *Problems of Metaphysics* (Professor Watkins).

Syllabus for Ph117: Is a strong theory of human freedom compatible with a thoroughly naturalistic view of man and his place in nature? What view of the mind should naturalism adopt? An evolutionary argument for interactionism. What do genes determine? First-order and second-order strategies.

A heteronomy-autonomy state. Setting course and staying on course. Creativity and the partial transcendence of local limitations. The problems of physical determinism.

Ph108: Problems of demarcation: analytic versus synthetic, science versus non-science. Euclidean geometry and the problem of synthetic *a priori* truth. The epistemological status of scientific laws. The positivism and conventionalism of Mach, Duhem, Poincaré and Meyerson. The status of Conservation Laws.

Reading List for Ph117: C. V. Borst (Ed.), *The Mind/Brain Identity Theory*; C. D. Broad, *The Mind and its Place in Nature* (Chs. I-III); Keith Campbell, *Body and Mind*; Richard Dawkins, *The Selfish Gene*; Daniel C. Dennet, *Brainstorms*; Elbow Room; Konrad Lorenz, *Evolution and the Modification of Behaviour*; Wilder Penfield, *The Mystery of the Mind*; Karl R. Popper, *Objective Knowledge* (Chs. 6 and 7); *The Open Universe*; Hilary Putnam, *Philosophical Papers*, Vol. 2 (Chs. 16-20); Gilbert Ryle, *The Concept of Mind*.

Ph108: E. Mach, *Science of Mechanics*; P. Duhem, *Aim and Structure of Physical Theory*; H. Poincaré, *Science and Hypothesis*; E. Meyerson, *Identity and Reality*.

Written Work: At least one paper per term to be presented at the *Problems of Metaphysics Seminar* (Ph130).

Examination Arrangements: Three-hour formal examinations in the Summer Term; about fifteen questions in all, the student being required to answer three questions. (The paper will not be divided into two sections in 1986.) Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5315
Ph6206**Philosophy of Mathematics**

Teacher Responsible: Dr. John Worrall, Room A211 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Method; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: A study of the main philosophical problems arising from mathematics; principally the ontological problem – what is the status of mathematical objects?; and the epistemological problem – what is the status of mathematical knowledge?

Syllabus: Platonism (or realism) vs constructivism. Early 'logicist' views. J. S. Mill's empiricism and some of its more recent descendants. Kant's idea of mathematics as synthetic *a priori*. The three great 20th century foundational schools; logicism (Frege and Russell), intuitionism (Brouwer), formalism (Hilbert). Some more specific problems arising from the foundational schools: the relationship between logic and set theory, the epistemological impact of Gödel's incompleteness theorem and of the independence results in set theory; the epistemological status of logic – rivals to classical logic. Some problems concerning the *growth* of mathematical knowledge: 'proofs and refutations'.

Pre-Requisites: Students should have strong mathematical backgrounds. Knowledge of set theory is very helpful but not essential.

Teaching Arrangements: There is a main lecture sequence of 10 lectures (Ph116) (Michaelmas Term) and a series of seminars (Ph128) in the Lent Term, at which students will be expected to present papers. Students should attend the lectures in their second year and the seminars in the third.

Written Work: Students are expected to write papers for the seminar and to develop a project out of this. The project must be handed in May of the third year.

Reading List: No book covers the syllabus.

Students will need to consult: A. Fraenkel, Y. Bar-Hillel & A. Levy, *Foundations of Set Theory*; H. Putnam & P. Benacerraf (Eds.), *Philosophy of Mathematics – Selected Readings*; S. Haack, *Deviant Logic*; I. Lakatos, *Proofs and Refutations*.

Further Reading List: G. Polya, *Mathematics and Plausible Reasoning*; *Mathematical Discovery*; I. Lakatos (Ed.), *Problems in the Philosophy of Mathematics*; J. Hintikka (Ed.), *Philosophy of Mathematics*; J. van Heijenoort (Ed.), *From Frege to Gödel*; I. Lakatos, *Mathematics, Science and Epistemology* (*Philosophical Papers* Vol. 2); G. Frege, *The Foundations of Arithmetic: The Basic Laws of Arithmetic*; M. Dummett, *Frege; Elements of Intuitionism*; H. Putnam, *Mathematics, Method and Matter* (*Philosophical Papers* Vol. 1).

Examination Arrangements: There is a three-hour formal examination in the Summer Term of which four questions must be answered. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph5320**Philosophy of Economics**

Teacher Responsible: Mr. K. Klappholz, (Economics Department) Room S88 (Secretary, S86)

Course Intended Primarily for Part II students reading for the B.Sc. (Econ.) degree, Special Subject XX, Philosophy and Economics, as well as others interested in the methodological and philosophical aspects of economics.

Scope: The course deals with the topics indicated in the Syllabus below, as well as with more general methodological issues, such as the question of the unity of method between economics and the natural sciences, the role of assumptions, predictions and the possibility of "crucial" experiments in economics. Some topics not mentioned in the Syllabus are discussed in the **Philosophy of the Social Sciences Seminar**.

Syllabus: A philosophical examination of the idea of rational choice, both individual and collective. The historical development of theories of individual rationality. Rationality and uncertainty. Welfare Economics. Classical utilitarianism and the social interest. Individual rights and distributive justice.

Pre-Requisites: Students are expected to have taken, or to be taking **Introduction to Scientific Method: Social Science**, or its equivalent elsewhere, as well as **Economic Principles** or its equivalent elsewhere.

Teaching Arrangements:

Lectures: Ph105, **Philosophy of Economics (Mr. Klappholz, Dr. Urbach, Dr. Ruben)** Lent and Summer Terms.

Seminars: Ph124 **Philosophy of the Social Sciences (Mr. Klappholz, Dr. Ruben)** Michaelmas and Lent Terms.

Students reading for a degree at the LSE take the Lecture Course in their 2nd year and attend the Seminar in their 3rd year. Students who spend only one year at the LSE attend both the Seminar and the Lecture Course. The Seminar is also attended by graduate students. In the Seminar students are provided with a list of topics, accompanied by bibliographical suggestions.

Written Work: Written work is done mainly in conjunction with the Seminar. Students are expected to present at least two papers in the course of one series of Seminars. Topics for the paper may be chosen from the lists provided or suggested by the student.

Reading List: L. C. Robbins, *The Nature and Significance of Economic Science*; H. A. Simon, *Models of Man*; J. Rawls, *A Theory of Justice*; R. D. Luce & H. Raiffa, *Games and Decisions*; R. Nozick, *Anarchy, the State, and Utopia*; J. Elster, *Ulysses and the Sirens*; Ward Edwards & Amos Tversky (Eds.), *Decision-Making*; John C. Harsanyi, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations*; F. Hahn & M. Hollis (Eds.), *Philosophy and Economic Theory*; A. Rosenberg, *Micro-Economics Laws*; M. Blaug, *The Methodology of Economics*.

Additional reading suggestions, particularly of articles, may be made in the lectures and the Seminar.

Examination Arrangements: There is a three-hour formal examination at the end of the 3rd year for degree students. This examination may also be taken by one-

year Full Course students. Candidates are required to answer 3 out of about 10 questions, one of which allows the candidate to write on a topic of his or her own choice from within the subject matter covered by the entire teaching. This question carries 50% of the marks. The assessment for the course is based wholly on the results obtained in this examination. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214 in the Philosophy Department.

Ph5398**Essay**

Course Intended Primarily for B.Sc. (Econ.) Part II Philosophy; B.Sc. c.u. main field Maths. and Phil., Chem. and Phil.

Scope: The essay may be on any topic falling within the scope of the philosophy courses for the special subject of 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 of course 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.

Ph5399**Essay**

Course Intended Primarily for B.Sc. (Econ.) Part II Philosophy; B.Sc. c.u. main field Chem. and Phil.

Scope: The essay may be on any topic falling within the scope of the philosophy courses for the special subject of Philosophy.

Examination Arrangements: There is a three-hour formal examination in the Summer Term.

Ph6200**Advanced Scientific Method**

Teacher Responsible: Professor J. Watkins, Room A286 (Secretary, A214)

Course Intended Primarily for M.Sc. Logic and Scientific Method, M.Sc. Social Philosophy; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: Live issues in contemporary philosophy of science.

Syllabus: The aim of science and the nature of scientific progress. Corroboration versus confirmation. Paradoxes of confirmation. Probabilism. Realism and anti-realism. Scientific reductions. The empirical basis. The Duhem-Quine problem, verisimilitude. Simplicity. Science and metaphysics. The methodology of scientific research programmes. The pragmatic problem of induction.

Pre-Requisites: Some familiarity with the philosophy of science or with a scientific discipline.

Teaching Arrangements: Lectures: Ph100

Introduction to Scientific Method (this course may be useful, especially for those who have not studied the

subject before). Ph102 **Scientific Method (Dr. Worrall)** 10 Michaelmas Term. Ph118 **Theories of Probability (Dr. Howson)** 25 Sessional.

Seminars: Ph120 **Philosophy and Scientific Method** (all members of the department). Ph122 **Scientific Method (Professor Watkins)** 20 Michaelmas and Lent Terms. Ph126 **Scientific Discovery (Dr. Fields)** 24 Sessional. Alternative theories of discoveries in science. Constraints on discovery. Are discoveries rendered inevitable? Some case histories will be examined. Students are recommended to attend Ph109.

Reading List: Rudolf Carnap, *Logical Foundations of Probability*, Chapters I to III and Appendix; Pierre Duhem, *The Aim and Structure of Physical Theory*; Carl G. Hempel, *Aspects of Scientific Explanation*; T. S. Kuhn, *The Structure of Scientific Revolutions*; Imre Lakatos, *Philosophical Papers*, Vol. I; Henri Poincaré, *Science and Hypothesis*; Karl R. Popper, *The Logic of Scientific Discovery; Conjectures and Refutations; Objective Knowledge*; W. V. O. Quine, *From a Logical Point of View*; Wesley C. Salmon, *Statistical Explanation and Statistical Relevance*; John Watkins, *Science and Scepticism*.

Supplementary Reading List: Percy W. Bridgman, *The Logic of Modern Physics*; Jerzy Giedymin, *Science and Convention*; Clark Glymour, *Theory and Evidence*; Nelson Goodman *Fact, Fiction and Forecast*; Risto Hilpinen, *Rules of Acceptance and Inductive Logic*; Jaakko Hintikka, *Logic, Language Games and Information*; P. Horwich, *Probability and Evidence*; Richard von Mises, *Probability, Statistics and Truth*; Ernest Nagel, *The Structure of Science*, Chapter 11; Israel Scheffler, *The Anatomy of Inquiry*, pp. 203f; Moritz Schlick, *Philosophical Papers*, Vol. II, Chapter 10.

Examination Arrangements: Assessment is based entirely on a three-hour formal examination near the end of the Summer Term. The examination paper merely lists a wide variety of topics and requires candidates to write essays on three of them. It is left to the candidate to set himself or herself a good question within a chosen topic. Because the paper is of this form, a rather higher standard than otherwise is expected. Copies of previous examination papers are available from the cupboards in the corridor outside room A214.

Ph6201**Logic**

See Ph5220

Ph6202**Mathematical Logic**

See Ph5221

Ph6203**Advanced Mathematical Logic**

Teacher Responsible: Dr. J. L. Bell, Room S467 (Secretary, S464)

Course Intended Primarily for Dip. Logic and Sci. Method; M.Sc. Logic and Sci. Method.

Scope: This course comprises one undergraduate course: **Sets and Models** SM127 (q.v.) and one

graduate course **Axiomatic Set Theory** SM128. The first of these courses is designed to provide an introduction to (axiomatic) set theory and the model theory of first-order languages. The second gives an account of formal set theory up to Gödel's proof of the relative consistency of the axiom of choice and the generalized continuum hypothesis.

Syllabus: (i) **Sets and Models.** Axiomatic approach to set theory. Sets and classes. Well-orderings. Cardinals and Ordinals. The axiom of choice and Zorn's lemma. First-order languages and their models. Completeness, compactness and Lowenheim-Skolem theorems.

(ii) **Axiomatic Set Theory.** Axiomatic development of Zermelo-Fraenkel set theory. Definitions by transfinite induction. Reflection principles. Constructible sets. Consistency of the axiom of choice and the generalized continuum hypothesis.

Pre-Requisites: Acquaintance with predicate calculus, as provided by the course Ph114: **Introduction to Mathematical Logic**.

Teaching Arrangements: (i) **Sets and Models** (SM127): 20 lectures on set theory in first term, 20 on model theory in second term. (Full lecture notes provided). 20 problem classes over the two terms.

(ii) **Axiomatic Set Theory** (SM128): 10 lectures in the second term, 15 in the third term. The lecture course Ph116 is also relevant.

Classes: SM127a.

Reading List: J. Bell & Machover, *A Course in Mathematical Logic*; J. Bridge, *Beginning Model Theory*; K. Kuratowski & A. Mostowski, *Set Theory*; E. Mendelson, *Introduction to Mathematical Logic*; P. Cohen, *Set Theory and the Continuum Hypothesis*; F. Drake, *Set Theory*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus for the two courses. The paper contains ten questions (five on set theory, five on model theory). Full marks may be obtained on five questions. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214 in the Philosophy Department.

Ph6204**History of Epistemology**

Teacher Responsible: Professor J. Watkins, Room A286 (Secretary, A214)

Course Intended Primarily for M.Sc. Logic and Scientific Method, M.Sc. Social Philosophy; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: A critical review of philosophy of science from the early seventeenth to the late nineteenth century.

Syllabus for Ph106 & Ph107: The philosophers discussed are: Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume, Kant. The main problems raised by these philosophers concern: the question of a method for advancing science; theories about the status of scientific and mathematical knowledge (scepticism, inductivism, apriorism, conventionalism, instrumentalism); theories about reality (dualism, phenomenalism, transcendental idealism, monism); the mind-body problem. Causality and determinism.

Ph108: Problems of demarcation: analytic *versus* synthetic, science *versus* non-science. Euclidean

geometry and the problem of synthetic *a priori* truth. The epistemological status of scientific laws. The positivism and conventionalism of Mach, Duhem, Poincaré and Meyerson. The status of Conservation Laws.

Pre-Requisites: None, but some knowledge of the seventeenth century scientific revolution is desirable.

Teaching Arrangements:

Lectures: Ph106 **History of Modern Philosophy: Bacon to Hume** (Dr. Howson, Dr. Zahar, Professor Watkins and Dr. Ruben)

Ph107 **Kant** (Dr. Zahar)

Ph108 **History of Epistemology after Kant** (Dr. Zahar)

Class: Ph106a **History of Modern Philosophy: Bacon to Kant** (Dr. Martin, Room A212).

Written Work: Students are required to attend the seminar and class and to give papers based on a critical reading of texts.

Reading List: It is important for a student to own a copy of the main works of each philosopher he or she intends to study closely.

For Courses Ph106 and Ph107 see Ph5300.

Ph108: E. Mach, *Science of Mechanics*; P. Duhem, *Aim and Structure of Physical Theory*; H. Poincaré, *Science and Hypothesis*; E. Meyerson, *Identity and Reality*.

Examination Arrangements: Assessment is based entirely on a three-hour formal examination near the end of the Summer Term. The examination paper merely lists the names of philosophers within the syllabus and requires candidates to write essays on three of them. It is left to the candidates to set themselves good questions, and they should begin each essay by stating clearly the question they are addressing. Because the examination has this form, a higher standard is expected than would otherwise be the case. Guidance on the selection of suitable topics for these essays and supervision in studying them will, of course, be available from Tutors. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Ph6205

Metaphysics and Epistemology

Teacher Responsible: Dr. E. G. Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for M.Sc. in Logic and Scientific Method, M.Sc. in Social Philosophy; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: Metaphysical problems generated by developments in the history of science and mathematics (especially where these seem to conflict with entrenched ideas of common sense). Open problems in the theory of knowledge.

Syllabus: There is no rigid syllabus but the following will illustrate what kinds of topics are admissible: Platonism in mathematics; the status of Euclidean geometry; the question of synthetic *a priori* truth; the Tarskian theory of truth; the nature of time; the tenability of the analytic/synthetic distinction; the foundations of probability; alternative interpretations of the probability calculus; the role of metaphysics within science; scientific realism *versus* positivism, conventionalism, etc; the nature of scientific laws; the

question of determinism in the light of modern physics; theories of the mind-body relationship; the question of human freedom in the light of natural science; the quest for certainty and the challenge of scepticism.

Pre-Requisites: Some knowledge of the history of philosophy and or sciences and/or mathematics.

Teaching Arrangements:

Lectures: as for Ph5310; Ph5300 is also recommended. Ph110 is also relevant.

Seminars: Ph123 **History and Philosophy of Science and Mathematics** (Dr. Ruben, Dr. Worrall and Dr. Zahar).

Ph125 **Metaphysics and Epistemology** (Dr. Zahar and Dr. Fields).

Examination Arrangements: Assessment is based entirely on a three-hour formal examination near the end of the Summer Term. The examination paper lists a variety of topics and requires the candidates to write essays on three of these. Candidates should begin their answers by clearly specifying the question they are addressing.

Ph6206

Philosophy of Mathematics See Ph5315

Ph6207

Growth of Modern Science

Teacher Responsible: Dr. E. Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for M.Sc. in Logic and Scientific Method; Dip. Logic and Sci. Meth.

Scope: The main object of this course is to trace the development of Mechanics and Astronomy from the early Renaissance to the beginning of the 18th Century; or, equivalently, from Ptolemy to Newton. It is highly selective history, the selection being carried out in terms of philosophical relevance. In the case of certain scientists like Kepler and Newton a modern simplified account of their theories is given before looking into the historical origins of these theories and the way they gradually evolved. Superfluous technicalities are avoided, some mathematics is needed for the latter part of the course. The required mathematical machinery will be developed within the course, which is therefore relatively self-contained. For 1986-87 only, there will also be a detailed study of the development of theories of light from Newton to the mid-19th Century.

Syllabus: For Ph109: (1) The Scientific Revolution which started with Copernicus and culminated with Galileo, Kepler, Descartes and Newton.

(2) A brief account of the discovery of the Calculus.

(3) The philosophical aftermath of the emergence of Newtonian science, in particular Kant's Mach's and Poincaré's respective appraisals of Newtonian dynamics.

(4) The early 19th Century revolution in optics, when the Newtonian, corpuscular theory was replaced by the wave theory.

For Ph110: Physics: Basic notions of Newtonian Mechanics. Mass, momentum, energy. Conservation Laws. D'Alembert's Principle. Lagrange's and

Ph6208

Philosophy of the Social Sciences

Teacher Responsible: Professor J. Watkins, Room A286 (Secretary, A214)

Course Intended Primarily for M.Sc. in Logic and Scientific Method, M.Sc. in Social Philosophy; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: Methodological problems arising in the social sciences.

Syllabus: Is there a unit of method between the social sciences and the natural sciences? Self-fulfilling and self-defeating predictions; value-freedom. The problem of interpersonal comparisons. Historicism, holism, and methodological individualism. The rationality-assumption (the Minimax rule, maximising expected utility, satisficing, etc.). Historical explanation. Functional explanation. The alleged need for unrealistic but predictively fruitful assumptions in economics. The scientific status of psychological theories (e.g. Psycho-analysis). The innateness hypothesis in linguistics. Other topics, determined by the interests of students, are also dealt with in the context of the seminar (Ph124).

Pre-Requisites: None.

Teaching Arrangements: Primarily the **Philosophy of the Social Sciences**, Seminar (Ph124), Michaelmas and Lent Terms, given in alternate years by **Dr. Urbach** (Room A208) and **Dr. Perlman** (Room S675) and by **Dr. Ruben** (Room A212) and **Mr. Klappholz** (Room S88) (1986-87). Students must attend this. There are also the following lecture courses (the first two ought to be attended, the others are optional): Ph113 **Philosophy of the Social Sciences** 10 Michaelmas Term **Dr. Ruben**; Ph104 **Methodology of the Social Sciences**, 10 Lent Term, **Professor Watkins**; Ph105 **Philosophy of Economics**, 16 Lent and Summer Terms, **Mr. Klappholz**, **Dr. Ruben**, **Dr. Urbach**; Ph100 **Introduction to Scientific Method**, 25 Sessional, **Dr. Worrall** and **Dr. Ruben**. **Dr. Ruben** gives 10 lectures on the **Philosophy of Social Sciences** starting half way through the Lent Term.

Written Work: Students are required to attend the Seminar and to give papers at it.

Reading List: L. C. Robbins, *The Nature and Significance of Economic Science*; Milton Friedman, *Essays in Positive Economics*, Chap. 1; R. G. Collingwood, *The Idea of History*; F. A. Hayek, *The Counter-Revolution of Science*; K. R. Popper, *The Poverty of Historicism*; H. A. Simon, *Models of Man*; J. C. Harsanyi, *Rational Behaviour and Bargaining Equilibrium*; T. C. Schelling, *The Strategy of Conflict*; N. Chomsky, *Cartesian Linguistics*.

Supplementary Reading List: Some useful anthologies: May Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; W. A. Robson (Ed.), *Man and the Social Sciences*; Edwards and Tversky (Eds.), *Decision Making*; Patrick Gardiner (Ed.), *Theories of History*; F. Hahn and M. Hollis (Eds.), *Philosophy and Economic Theory*.

Examination Arrangements: Assessment is entirely based on a three-hour formal examination near the end of the Summer Term. The examination paper merely lists a wide variety of topics and requires candidates to

Hamilton's equations. Space and Time in Classical Physics. Maxwells and Lorentz's electromagnetic theories. Einstein's Special Theory of Relativity. Role of positivism in Science. Mach's problem and the genesis of General Relativity. The Correspondence Principle: the transition from Hamilton's to Schrodinger's equations.

For Ph126: Alternative theories of discoveries in science. Constraints on discovery. Are rendered inevitable? Some case histories will be examined.

Pre-Requisites: For Ph109: Mathematics 'O' Level and some acquaintance with the Calculus would help towards an understanding of the course, but are not absolutely necessary.

Ph110: A-level Mathematics (acquaintance with the differential calculus).

Teaching Arrangements: The basic course is Ph109 25 lectures and a weekly class (Ph109a) during the Michaelmas and Lent Terms, and the seminars Ph123 and Ph126.

Ph100 and Ph102 are also relevant.

For Ph110: There are also 2 lecture courses (SM123; Ph110), each accompanied by a class (SM123a), as follows: Lectures: **Ideas in Mathematics and Science, and Fundamental Ideas in Classical and Relativistic Physics**. These are more mathematical courses.

Written Work: Students are given a list of possible topics and will be expected to present a minimum of two class papers per term.

Reading List: For Ph109: G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*; C. Howson (Ed.), *Method and Appraisal in the Physical Sciences*; I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn; *The Copernican Revolution*; S. Westfall, *Never at Rest*; A. I. Sabra, *Theories of Light from Descartes to Newton*; R. Palter (Ed.), *The Annus Mirabilis of Sir Isaac Newton, 1666*; A. Koyre, *Newtonian Studies: From the Closed World to the Infinite Universe*; E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science*; A. Einstein & L. Infeld, *The Evolution of Physics*; H. Butterfield, *The Origins of Modern Science*; M. Caspar, *Kepler*; A. Koestler, *The Sleepwalkers*; S. Toulmin & J. Goodfield, *The Fabric of the Heavens; The Architecture of Matter; The Discovery of Time*; C. Boyer, *The Concept of the Calculus*; S. Drake (Ed.), *Discoveries and Opinions of Galileo*; Galileo, *Dialogue Concerning the Two Chief World Systems*; E. Meyerson, *Identity and Reality*; O. Toeplitz, *The Calculus*; G. Cantor, *Optics after Newton*.

For Ph110: For Physics: E. Mach, *The Science of Mechanics*; A. Einstein & L. Infeld, *The Evolution of Physics*; A. Einstein, *Relativity: A Popular Approach*; M. Born, *Einstein's Theory of Relativity*; G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*; E. Meyerson, *The Relativistic Deduction*. **Supplementary Reading List:** G. Goldstein, *Classical Mechanics*.

Examination Arrangements: Three-hour formal examination in the Summer Term. About fifteen questions of which three should be answered. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

write essays on three of them. It is left to the candidate to set himself a good question, and he should begin each essay by stating clearly the question to which he will address himself. Because the examination takes this form, a higher standard is demanded than would otherwise be the case. Copies of previous examination papers are available from the cupboards in the corridor outside Room A214.

Elements of Logic

Teacher Responsible: Dr. John Worrall, Room A211 (Secretary, A214)

Course Intended Primarily for M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Scope: The aim of the course is to teach the student to recognise and formulate correct arguments or inferences from given assumptions, and to introduce them to some formal systems in which these inferences can be expressed.

Syllabus: A: The importance and scope of clear, deductive reasoning. The main problem of logic: which inferences or deductions are "correct" or valid? The related problems of which sets of assumptions are consistent and of which sentences are logically true ("true in all possible worlds"). Truth functional logic: a restricted system in which many intuitive inferences can be formally expressed and a decision about their validity arrived at via a finite decision procedure.

B: First order predicate logic: a system in which the overwhelming majority of inferences both from ordinary discourse and from mathematics and science are adequately representable; rules of proof for first order logic and proofs of validity; the method of interpretation; invalidity of inference, consistency and independence; first order logical truth and falsity. First order logic with equality.

C: Informal arguments: how formal logic helps in the analysis of these; articulating "hidden assumptions" and detecting fallacies. A brief account of some

problems in the foundations of logic including the "paradoxes" of set theory and of truth. Logic and the foundations of mathematics; the power and limitations of the axiomatic method; completeness, incompleteness and undecidability.

Pre-Requisites: None. Prospective students should not be afraid of symbolic reasoning but no formal mathematical background is presupposed.

Teaching Arrangements: The lecturers for this course are the same as for **Introduction to Logic** (Ph112)-25 lectures (sessional). There will also be a weekly class (Ph112b). Problem sheets will be handed out in the lectures and students will be expected to complete the exercises and discuss them in the class.

Reading List: Patrick Shaw, *Logic and its Limits* (This is a useful introductory book but does not begin to cover the syllabus). There are various text books, which do cover sections A and B of the syllabus. The most helpful of which is: P. Suppes, *Introduction to Logic*. **Background Reading:** E. Nagel & J. R. Newman, *Gödel's Proof*; R. Smullyan, *What's the Name of this Book?*

A full set of lecture notes will be distributed.

Examination Arrangements: The examination paper will contain about 12 questions arranged in three sections corresponding in the three parts of the syllabus. Section A: truth functional logic. Section B: first order predicate logic. Section C: general questions on the foundations and applications of logic. Candidates are required to answer five questions AT LEAST ONE question from each section and no more than two from Section A.

P6209

Ph6210

Theories of Probability
See Ph5223

Ph6250

Social Philosophy
See Ph5250

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number			Study Guide Number
Pn100	Population, Economy and Society Professor E. A. Wrigley and Dr. C. Wilson	24/MLS	Pn7100
Pn101	Demographic Description and Analysis Dr. C. Wilson and Mr. C. M. Langford	20/ML	Pn7120
Pn102	The Population History of England Professor E. A. Wrigley	24/MLS	Pn7121; Pn8102
Pn103	The Demographic Transition and the Western World Today Dr. C. Wilson	24/MLS	Pn7122; Pn8102
Pn104	Third World Demography Mr. T. Dyson	24/LS	Pn7123; Pn8102
Pn105	Migration Mr. M. J. Murphy and Mr. T. Dyson	24/MLS	Pn7124; Pn8102
Pn106	Family Composition in Developed and Developing Countries Mr. M. J. Murphy and Mr. T. Dyson	24/MLS	Pn7125; Pn8102
Pn107	Mathematical and Statistical Demography Mr. M. J. Murphy	13/LS	Pn7126
Pn108	Applied Population Analysis Professor J. Hobcraft	15/ML	Pn7127
Pn150	Social and Economic Demography Mr. C. M. Langford	10/M	Pn8102
Pn151	The Analysis of Fertility and Mortality Mr. C. M. Langford and Professor J. N. Hobcraft	20/M	Pn8100; Pn8110
Pn152	Population Dynamics and Projections Professor J. N. Hobcraft	15/LS	Pn8100
Pn153	The Collection of Demographic Data Mr. T. Dyson	10/M	Pn8101; Pn8110
Pn154	Demographic Sampling and Survey Design Mr. M. J. Murphy	5/L	Pn8101
Pn155	Indirect Demographic Estimation Mr. T. Dyson	10/L	Pn8100; Pn8110
Pn156	The Analysis of Demographic Event Histories Professor J. Hobcraft	10/L	Pn8100; Pn8110

Lecture/ Seminar Number			Study Guide Number
Pn157	Evaluation of Family Planning Programmes Mr. T. Dyson	5/S	Pn8101
Pn158	Sources and Techniques of Historical Demography Professor E. A. Wrigley	5/S	Pn8101
Pn159	Computing for Demographers — Class Mr. M. J. Murphy	10/L	Pn159
Pn160	Social Demography — Graduate Class Mr. C. M. Langford	15/S	Pn8102
Pn161	Fertility and Mortality in their Socio-Economic Context — Seminar Mr. C. M. Langford	19/ML	Pn8102; Pn8110

Study Guides

Pn159

Computing for Demographers

Teacher Responsible: Mr. M. Murphy, Room A328 (Secretary, A337)

Course Intended Primarily for M.Sc. Demography.
Scope: The course is a practical introduction to computing for statistical and demographic analysis. It does not presume any prior familiarity with computers. It includes: the use of computers in general; input and output of data; operating systems and editors; the use of interactive statistical packages and the interpretation of results; and the use of programs for indirect demographic estimation. For half of the course, students will be undertaking practical projects, and the other half will be concerned with discussion and interpretation.

Teaching Arrangements: Pn159 10 Lent Term.

Pn7100

Population, Economy and Society

Teacher Responsible: Professor Tony Wrigley, Room A342 (Secretary, Mrs. Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part I and Course Unit. 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).

Scope: 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.

Syllabus: Topics covered include: general models of population behaviour in pre-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: One substantial essay is 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 (about 30 items) and the other with articles (about 50 items). Most of the articles are available in xerox form in the

offprint collection and such items are asterisked on the reading list. The following are among the more important items on the book reading list:

M. Anderson, *Approaches to the History of the Western Family 1500-1914*; R. Easterlin, *Birth and Fortune*; D. V. Glass & D. E. C. Eversley (Eds.), *Population in History*; G. Hawthorn, *The Sociology of Fertility*; 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, selecting within a paper consisting of about 15 questions.

Pn7120

Demographic Description and Analysis

Teacher Responsible: Chris Wilson, Room A326 (Secretary, Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit. This paper assumes no previous knowledge of the subject. It is a compulsory paper for students taking the special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an outside option both by Part II non-specialists and by Course Unit students. When taken as part of Part II Population Studies it is a second year paper. Non-specialists, however, may take it in either the second or third years. The course is not highly mathematical or statistical and students with non-mathematical backgrounds should not be at a disadvantage.

Scope: 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.

Syllabus: Sources of information about populations; current and cohort methods of description and analysis; the construction of lifetables; 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, at least one essay will be required from each student in each term.

Reading List: A general reading list is circulated at the start of the course. In each lecture attention is drawn to the relevant readings.

Examination Arrangements: There will be one three-hour examination in the Summer Term. The examination is in three sections. Section 1 involves answering a computational question, section 2 deals with questions of data interpretation and section 3 is composed of essay questions dealing with concepts and

techniques discussed in the course. Students answer one question from section 1, one from section 2 and two from section 3.

Pn7121**The Population History of England**

Teacher Responsible: Professor Tony Wrigley, Room A342 (Secretary, Mrs. Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part II. The paper forms part of the special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an outside option by Part II non-specialists. It may be taken in either the second or third year. When taken as an outside option by a non-specialist it is an advantage to have taken **Demographic Description and Analysis** (or to be taking it in the same session), but this is not a pre-requisite.

Scope: The paper covers English population history principally between the mid-sixteenth and the mid-nineteenth centuries. It covers both population history in a narrow sense (population size, population growth rate, fertility, nuptiality, mortality, etc.), and also broader issues about the links between economic, social and demographic variables.

Syllabus: Topics covered include: the sources available and their use; recent advances in techniques of analysis; English family structure and marriage behaviour; secular and short-term demographic trends and their relationship to economic and social change in early modern England; demographic crises; urbanisation; migration patterns; the institution of service; the significance of the industrial revolution and its impact on fertility; theories and models of the relationship between demographic, economic and social change in England between c.1550 and c.1850. **Teaching Arrangements:** Pn102 24 Sessional. Pn102a 12 Sessional.

Written Work: One substantial essay is required from each member of a class in each of the two first 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 (about 40 items), and the other with articles (about 70 items). The following are among the more important items on the book reading list:

A. B. Appleby, *Famine in Tudor and Stuart England*; J. D. Chambers, *Population, Economy and Society in Pre-Industrial England*; M. W. Flinn, *British Population Growth 1700-1850*; D. V. Glass & D. F. C. Everesley (Eds.), *Population in History*; H. J. Habakkuk, *Population Growth and Economic Development since 1750*; A. S. Kussmaul, *Servants in Husbandry in Early Modern England*; P. Laslett, *Family Life and Illicit Love in Earlier Generations*; D. Levine, *Family Formation in an Age of Nascent Capitalism*; T. R. Malthus, *Essay on Population*; T. McKeown, *The Modern Rise of Population*; E. A. Wrigley & R. S. Schofield, *The Population History of England 1541-1871*.

Examination Arrangements: There will be a three-hour written examination in the Summer Term in which candidates will be expected to answer four questions, selecting within a paper consisting of about 15 questions.

Pn7122**The Demographic Transition and The Western World Today**

Teacher Responsible: Chris Wilson, Room A326 (Secretary, Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit. The paper forms part of the special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an outside option both by Part II non-specialists and by Course Unit students. When taken as part of the Population Studies Part II it is a second year paper, but non-specialists may take it in either second or third years. The course assumes a basic familiarity with demographic terminology and measures and thus it is 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.

Scope: 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.

Syllabus: 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 24 Sessional. Pn103a 12 Sessional.

Written Work: A number of 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.

Examination Arrangements: There will be one three-hour examination in the Summer Term. This will require the answering of four essay questions drawn from a list of about 15 questions.

Pn7123**Third World Demography**

Teacher Responsible: Tim Dyson, Room A327 (Secretary, A337)

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit; M.Sc. Demography.

Scope: 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.

Syllabus: The course covers the size, distribution and growth of the populations of the main developing regions and countries; data sources; 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; the extent and explanation of the recent slow-down in Third World mortality improvement; 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, breastfeeding patterns, the status of women, income levels and distribution. Additionally, the course will cover topics such as the influence of climate; 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 special subject in Population Studies in Part II of the B.Sc. (Econ.), but may also be taken as an *outside option* by non-specialists in Part II and by Course Unit students. When taken as part of Population Studies Part II it is a third year paper but otherwise it may be taken in either the second or third year.

Teaching Arrangements: Pn104 24 Lent and Summer Terms. Pn104a 12 Lent and Summer Terms.

Reading List: Certain readings have direct relevance for most aspects of the course. In particular: the journal, *Population and Development Review* (PDR) published quarterly since 1975 by the Population Council, New York; R. H. Cassen, *India: Population, Economy, Society*, Macmillan Press, London, 1978; R. A. Easterlin (Ed.), *Population and Economic Change in Developing Countries*, University of Chicago Press, London, 1980; R. G. Ridker (Ed.), *Population and Development, The Search for Selective Interventions*, The John Hopkins Press, Baltimore and London, 1976; P. Reining & I. Tinker (Eds.), *Population: Dynamics, Ethics and Policy*, A Science Compendium, 1975; United Nations, *The Determinants and Consequences of Population Change*, U.N. New York and United States National Academy of Sciences, *Rapid Population Growth, Consequences and Policy Implications*, Baltimore, 1971. It should not be necessary to buy any of the above. A possible, reasonably priced purchase however is, R. Woods, *Theoretical Population Geography*, Longman, London, 1982.

Supplementary Reading List: A supplementary reading list is available upon request from the secretary in Room A337.

Examination Arrangements: Examinations will be by a three-hour formal examination in the Summer Term. Students will be expected to undertake four questions.

Pn7124**Migration**

Teacher Responsible: Mr. M. Murphy, Room A328 (Secretary, A337)

Course Intended Primarily for both the B.Sc. (Econ.) Part II and Course Unit. When taken as part of Population Studies Part II it is a third year paper, but when taken by Part II non-specialists as an outside option or by Course Unit students it may be taken in either the second or third year. The approach is essentially inter-disciplinary and may be of particular relevance to those with interests in human geography and anthropology. Although not a highly technical course, students will be expected to have sufficient mathematical background to deal with elementary algebraic and arithmetical operations.

Scope: This course is concerned with movement patterns of human populations. At the end of the course, students should be able to:

- (i) Describe the main movements throughout history, current major trends and future prospects;
- (ii) Evaluate the main social and economic theories which have been put forward to explain migration;
- (iii) Critically assess and use demographic methods and models for measuring, analysing and forecasting migration, especially in those circumstances where data may be deficient.

Syllabus: Sources of data on gross and net flows of migration. The measurement of migration in countries with well-developed and poorly-developed data collection systems. The importance of size of areal unit on the interpretation of migration data. The influence of migration on the demographic characteristics of the population in areas of in-migration and of out-migration.

Main migration movements throughout history with particular attention to world movements up to the 5th century A.D., migration in pre-industrial Europe, and international migration and urbanization in the 19th century. Main patterns of internal and international movement in Third World countries. Effects of migration on urban growth and on villages. Attempts to specify 'laws of migration' incorporating the importance of distance, 'push' and 'pull' factors, intervening obstacles and cost benefit approaches (Ravenstein, Lee, Bogue, etc.), in the light of the observed social and economic correlates of migration. The key role of the labour market is determining long-distance migration patterns, and the corresponding role of housing in short-distance migration; migration in relation to the individual and family life cycle. Incorporation of migration into formal models of the demographic process and their use for forecasting regional population.

Teaching Arrangements:

Lectures: Pn105 **Migration** 24 Sessional.

Classes: Pn105a 24 Sessional.

Work Requirements: Students will be expected to do the reading associated with classes, and also to prepare verbal presentations of these for classes. In addition five

numerical exercises arising from the quantitative part of the course and five essays will be set. In each case the appropriate lecturer will be responsible for the work.

Reading List: The following books are relevant in addition to chapters in the mainline demographic works; H. R. Jones, *A Population Geography*, Harper and Row, 1981; J. Hobcraft & P. Rees, *Regional Demographic Development*, Croom Helm, 1980; G. J. Demko, H. M. Rose & G. A. Schnell, *Population Geography: a Reader*, McGraw Hill, 1970; P. White & R. Woods, *The Geographical Impact of Migration*, Longman, 1980; J. Connell, B. Das Gupta, R. Laishley & M. Lipton, *Migration from Rural Areas: the Evidence from Village Studies*, Oxford University Press, Delhi, 1976.

Examination Arrangements: Examinations will be by three-hour formal examination in the Summer Term. Twelve questions will be set of which students will be expected to undertake four: one of the questions chosen will require some calculation.

Pn7125

Family Composition in Developed and Developing Countries

Teacher Responsible: Mr. M. Murphy, Room A328 (Secretary, A337)

Course Intended Primarily for B.Sc. (Econ.) Part II, Course Unit and M.Sc. Demography. The course is both part of the Part II B.Sc. (Econ.) special subject in Population Studies and a Course Unit option. When taken as part of the Population Studies Part II it is a third year paper but Course Unit candidates and Part II candidates taking it as an outside option may take it in either the second or third year. The approach is essentially inter-disciplinary and may be of particular relevance to those with interests in quantitative social science especially sociology, social history and anthropology.

Scope: This course is concerned with the family as it is influenced by, and itself influences, population size and structure. At the end of the course students should be able to:

(i) describe the main forms of family organisation found in both developing and developed countries: and their interaction with aspects of social structure such as old age support, marriage payments, marital breakdown and illegitimacy

(ii) understand how certain forms of family, household and kinship organisation affect fertility (through mechanisms such as age at marriage, acceptance of contraception, etc.), mortality (female status influencing sex selective mortality, treatment of the elderly) and migration (benefits of kin for facilitating migration, the extended family as inhibitory factor)

(iii) understand the main quantitative methods of measuring family and household structure arising from both microlevel (social surveys, etc.) and macrolevel (published census tables, etc.) data

Syllabus: The universality of the family. Family structures under conditions of high, transitional and low fertility and mortality. The myth of large historical family size. Development of family structures in prehistory, the case of Dobe !Kung. The family in

historical Europe: the Western European marriage pattern. The family in industrialised society: the breakdown of traditional kinship patterns? Household structure: sharing with kin and non-relatives. The process of household formation – what influences and what inhibits it: the special role of housing. Theories of the family: economic approaches, the costs of childrearing, the special role of female paid employment in determining family formation patterns. The emerging importance of divorce and extra-marital fertility and their implications. The family in developing countries: agricultural systems, kinship patterns, marriage patterns, female status and population growth. Factors influencing family structure in developing countries: fertility, mortality, marriage, co-residence with kin, household migration, inheritance patterns, and inclusion of non-family members. Family structure as a factor in the implementation of family planning programs – the 'Myth of Population Control'. The economic value of children in third world countries: information from time budget studies. Sex preference for children. Aging and family support. Changing marriage patterns.

Measuring the family. Problems with the use of census and administrative data, especially for kinship analysis. The role of longitudinal data and the construction and interpretation of life cycle measures for the individual and for the family. Life table methods applied to family transitions, especially formation and dissolution. Forecasting households and families. Differing perspectives on the family from the viewpoint of member and wider society.

Pre-Requisites: Although not a highly technical course, students will be expected to have sufficient background to deal with elementary arithmetical operations and the interpretation of statistical data.

Teaching Arrangements:

Lectures: Pn106 24 Sessional.

Classes: Pn106a 24 Sessional.

Work Requirements: Students will be expected to do the reading associated with the classes and also to prepare verbal presentations of these for classes. In addition, numerical exercises arising from the quantitative part of the course and essays will be set.

Reading List: No single book covers even a substantial fraction of this course, and much of the literature is in the form of articles given on a longer reading list. The following list of books covers many aspects of the course: P. Laslett (Ed.) assisted by R. Wall, *Household and Family in Past Time*, Cambridge U.P., 1972; Organisation for Economic Co-operation and Development, *Child and Family: Demographic Developments in the OECD Countries*, 1979; R. Andorka, *Determinants of Fertility in Advanced Societies*, Methuen, 1978; C. Young, *The Family Life Cycle*, Australian National University, 1978; M. Nag (Ed.), *Population and Social Organisation*, Mouton, 1975; M. Anderson (Ed.), *Sociology of the Family* (2nd edn.), Penguin, 1980; Central Policy Review Staff and Central Statistical Office, *People and their Families*, HMSO, 1980; R. Fox, *Kinship and Marriage*, Penguin, 1967; Papers of the World Population Conference, Bucharest 1974, *The Population Debate: Dimensions and Perspective*, Volume II, United

Nations, 1975; *The Family: British Society for Population Studies Conference 1983*, Office of Population Censuses and Surveys, 1983; J. Goody, *Production and Reproduction*, Cambridge U.P., 1976.

Examination Arrangements: Examinations will be by a three-hour formal examination in the Summer Term. Twelve questions will be set of which students will be expected to undertake four.

Pn7126

Statistical Demography

Teacher Responsible: Mr. M. Murphy, Room A328 (Secretary, A337)

Course Intended Primarily for B.Sc. (Econ.) Part II special subject in Population Studies. It may be taken in either the second or third year and is also available to suitable non-specialists in 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. (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 a more analytical approach to demography than, for example, Pn101, especially those with main interests in actuarial science, statistics and associated subjects.

Scope: This course is concerned with the ways in which mathematical and statistical techniques may be used to examine how a population evolves in size and structure.

At the end of the course, students should be able to:

(i) Formulate population dynamics in terms of systems of mathematical equations and use them in real life situations such as population projections.

(ii) Recognise and analyse the inherently stochastic nature of population processes and the implications of this for interpreting demographic variables such as observed birth intervals.

(iii) Examine how the key features of social and economic theories of the detailed process of fertility, mortality, nuptiality, reproductive and migration may be formulated as mathematical models in order to illuminate the most important aspects of these phenomena.

Syllabus: 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; Proportioned 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 reproductive and household structure. Sources of demographic data.

Teaching Arrangements:

Lectures: Pn107 13 Lent and Summer Terms.

Classes: Pn107a 13 Lent and Summer Terms.

Mr. M. Murphy (A328) 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. Keyfitz is more comprehensive, but rather expensive. Pollard is available in paperback.

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 & Johnson, *Survival Models and Data Analysis*, J. Wiley (1980).

Examination Arrangements: Examination is by a single three-hour examination in the Summer Term. Four questions are to be answered: one out of three in Section A, which is an essay or note-type question and three out of nine in Section B, which are generally mathematical in nature.

Pn7127

Applied Population Analysis

Teacher Responsible: Professor John Hobcraft, Room A340 (Secretary, Doreen Castle, A339)

Course Intended Primarily for B.Sc. (Econ.) Part II and Course Unit. This paper is compulsory for students taking the special subject Population Studies in Part II of the B.Sc. (Econ.). But it may also be taken as an outside option both by Part II non-specialists and by Course Unit students. The paper assumes that students have taken (or are concurrently taking) **Demographic Description and Analysis** (Pn7120).

Scope: This course explores the use of basic demographic concepts and techniques in social, economic and medical planning and research. Some emphasis will be given to applications in local and central government planning. During the course, students will gain experience in the analysis and interpretation of information from some major sources of population statistics such as censuses, vital registration, the OPCS Longitudinal Study, the GB General Household Survey, Census Small Area Statistics and the World Fertility Survey. An important component of the course will be concerned with the consequences of demographic change for planning and resource allocation. The course will include an introduction to one or more relevant computer packages.

Syllabus: The course will cover a number of topics, which will vary from year to year, but are chosen to illustrate the use of a wide range of demographic procedures, including the life table, standardisation and

population projections. The applications will also use a range of major sources of population statistics. Examples of topics to be covered, which convey the nature of the course are: the use of population projections at the national level, including studies of ageing, provision of places in higher education and the momentum of population growth in developing countries; the application of regional and local projections in planning housing, schooling etc.; manpower planning; household and family structure and composition; the implications of recent rising frequency of divorce; assessing the impact of contraception and abortion on fertility; the use of survey data in assessing family planning programmes; women's participation in the labour force; the impact of breastfeeding on fertility and infant mortality; inequalities in health in the U.K. and developing countries; inputs to planning of primary health care; occupational mortality; unemployment and mortality; fluoridation of water supplies and cancer mortality.

Teaching Arrangements: The course consists of three components. The first and major component is a two-hour session (Pn108) each week for the Michaelmas and first half of the Lent terms, which will consist of a variety of presentations, often beginning with a short introductory lecture or a presentation by a student, followed by in-depth class discussion of the relevant topic. Students will be expected to make considerable use of major statistical sources. The second component will consist of 15 one-hour practicals (Pn108a) on one or more relevant computer packages, again in the Michaelmas and first half of the Lent terms. The third component involves the student undertaking a short research project under supervision, to be completed and submitted by the second week of the Summer term.

Written Work: Approximately two essays and five compulsory practical exercises involving data interpretation and analysis will be required of each student. These practical exercises and essays will provide some of the basis for the class discussions. In addition, as indicated above, each student will be required to undertake a short piece of social research. A register of suitable topics for research will be available. Written reports based on the research are expected, and should be of approximately 3-5,000 words in length.

Reading List: A reading list will be circulated at the start of the course. Additional readings will be provided in the class sessions.

Examination Arrangements: There will be one three-hour examination in the Summer Term which will account for 75% of the overall mark for the course. The remaining 25% of assessment will be on the basis of the student's research project. The examination will consist of two sections. Section I involves answering two questions on data interpretation or analysis and section 2 involves answering two essay questions dealing with the concepts, techniques and topics discussed in the course.

Pn8100**Analytic Demography**

Teacher Responsible: Professor John Hobcraft, Room A340 (Secretary, Doreen Castle, A339)

Course Intended Primarily for M.Sc. in Demography. The paper is compulsory.

Scope: 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.

Syllabus: 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; logit life tables and the concepts of stationary and stable populations. In the course Pn152, **Population Dynamics and Projections**, the following topics are dealt with: population growth theory; stable and semi-stable populations; relations between demographic processes and the age structure; the nature and patterns of variation in fertility, mortality and nuptiality. 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 is presented below, along with the term in which they occur.

Lectures: Pn151 **The Analysis of Fertility and Mortality** 20 Michaelmas Term.

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: Pn151a 20 Michaelmas Term.

Pn152a 15 Lent and Summer Terms.

Pn155a 15 Lent and Summer Terms.

Pn156a 10 Lent Term.

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: There will be one three-hour examination in June. The examination is in three

sections. Section 1 will comprise a basic question of a mainly computational nature on the material covered in course Pn151, i.e. on fertility or mortality analysis. Section 2 will entail students answering 2 questions, again of a primarily computational type drawn in the main from the courses Pn155 on indirect estimation or Pn156 on demographic event histories. Questions based on material covered in course Pn151 may also be included. Section 3 requires students to answer an essay question. There will be approximately four questions dealing with the inter-relationships between demographic processes, with considerable emphasis on population dynamics.

Pn8101**Applied Demography**

Teacher Responsible: Tim Dyson, Room A327 (Secretary, A337)

Course Intended Primarily for M.Sc. Demography.

Scope: The paper covers four subject areas of practical concern to working demographers, especially those involved with the 'dirty' - but vitally important - jobs of gathering and evaluating demographic data.

(i) **The Collection of Demographic Data**

(ii) **Demographic Sampling and Survey Design**

(iii) **Evaluation of Family Planning Programmes** and

(iv) **Sources and Techniques of Historical Demography.**

Syllabus: The contents of the four constituent elements are as follows:

(i) **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.

(ii) **Demographic Sampling and Survey Design**

Basic principles of statistical sampling and their application to demographic surveys. Different types of demographic sample survey design. Questionnaire and schedule design.

(iii) **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, multiple areal regression and path analysis, contraceptive prevalence surveys. Case studies.

(iv) **Sources and Techniques of Historical Demography**

The nature of historical source material: problems of coverage and bias. Opportunities and problems presented by the data. Aggregative and nominal techniques of tabulation and analysis.

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 25 one-hour lectures and approximately 20 allied classes spread throughout the Michaelmas, Lent and Summer

Terms. These lectures and classes are distributed by course as follows:

Lectures:

Pn153 **The Collection of Demographic Data** 10 Michaelmas Term

Pn154 **Demographic Sampling and Survey Design** 5 Lent Term

Pn157 **Evaluation of Family Planning Programmes** 5 Summer Term

Pn158 **Sources and Techniques of Historical Demography** 5 Summer Term

Classes:

Pn153a 10 Michaelmas Term

Pn154a 3 Lent Term

Pn157a 3 Summer Term

Pn158a 3 Summer Term

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:

Pn153 H. S. Shryock & J. S. Siegel, *The Methods and Materials of Demography* (condensed version), especially chapters 2, 3 and 24.

Pn154 C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*, Heinemann, London - chapters 4, 5, 6, 7 and 13.

Pn157 A. I. Hermalin & C. Chandrasekaran, 'Overview', in Chandrasekaran & Hermalin (Eds.), *Measuring the Effect of Family Planning on Fertility*, Ordina Editions, Dolhain, Belgium, 1975.

Pn158 E. A. Wrigley (Ed.), *An Introduction to English Historical Demography*.

Supplementary Reading List: Reading lists specific to each of the courses constituting this paper are available upon request from the secretary in Room A337.

Examination Arrangements: The paper is examined by a three-hour formal examination in the Summer Term. Candidates are required to answer four questions (one of which is compulsory).

Pn8102**Social and Economic Demography**

Teacher Responsible: Mr. C. M. Langford, Room A341 (Secretary, A337)

Course Intended Primarily for M.Sc. Demography.

Scope: The course is intended (i) to give students a grasp of the main demographic changes there have been in the West during the past 150 years and in other countries more recently, and of the causes and implications of these changes, and (ii) a more detailed understanding of ONE of the following topics:

(a) **Third World Demography**, (b) **The Demographic Transition and the Western World Today**, (c) **The Population History of England**, (d) **Family Composition in Developed and Developing Countries**, and (e) **Migration**.

Availability: This paper is a compulsory part of the M.Sc. in Demography.

Syllabus: Core part of the course. The socio-economic context and its relationship to the fertility, mortality and nuptiality characteristics of populations; contrasts between traditional and modern societies. Models of the inter-relationships between demographic, social and economic variables.

Options

(a) **Third World Demography**

Source 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. Demographic-economic interrelations: fertility, mortality, age structure, income level and distribution, social capital provision. 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 determinants of short and long-term trends in fertility, nuptiality and mortality; age structure, dependency and social service provision.

(c) **The Population History of England**

Available sources and their exploitation. The phasing of growth; relative importance of fertility, mortality and net migration changes in determining growth rates. Secular and short-term economic and demographic trends. English family structure and marriage behaviour. Fertility and mortality in the industrial revolution; family and kin during the period of rapid urban and industrial growth; the cities, public health and mortality. The decay of the traditional system of social regulation of fertility; the control of fertility within marriage; the special features of the demographic transition in England.

(d) **Family Composition in Developed and Developing Countries**

Demographic description and analytic techniques for the study of families and households. The nature of demographic constraints upon family composition features sensitive to change in demographic parameters; interplay of cultural, social and economic factors in influencing family composition. Distinctions between the conjugal family, and the household. The changing balance of dependants during the life cycle of the individual and the family; production and consumption over the life cycle; redistribution of resources within families and kin groups; questions of inheritance and treatment of the aged. Household projections. Special attention will be paid to the patterns found in contemporary societies, both developing and developed.

(e) **Migration**

The relevance of areal perspective in demography. Integration of migration into models of population dynamics. Measurement problems both theoretical and empirical; gross and net flows; migration as a function of the size of the unit area studies. The influence of migration on the demographic characteristics of a population and vice-versa. Models of migration 'push' and 'pull' factors; migration flows and individual and family life cycles; the economic and social correlates of migration; social and geographical mobility. Continuity of patterns in periods of rapid economic and social change; migration and the breakdown of traditional attitudes; internal migration and the city with special attention to the history of migration in Britain and in contemporary Third World countries.

Teaching Arrangements: Core part of the course

(i) Pn150 **Social and Economic Demography:** There are 10 lectures and 5 classes (all taken by Mr Langford) in the Michaelmas Term.

The main object of the classes will be to promote discussion of matters arising from the lectures and associated reading.

(ii) Pn160 **Social Demography (Graduate Class):** 15 one-and-a-half hour meetings in the Summer Term on topics arising from Pn150 (taken by Mr. Langford). Students will be required to present at least one paper at this class.

(iii) 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.

Options

(a) Lectures Pn104 **Third World Demography** 24 Lent and Summer Terms

Classes Pn104a 12 Lent and Summer Terms

(b) Lectures Pn103 **The Demographic Transition and the Western World Today** 24 Sessional

Classes Pn103a 12 Sessional

(c) Lectures Pn102 **The Population History of England** 24 Sessional

Classes Pn102a 12 Sessional

(d) Lectures Pn106 **Family Composition in Developed and Developing Countries** 24 Sessional

Classes Pn106a 24 Sessional

(e) Lectures Pn105 **Migration** 24 Sessional

Classes Pn105a 24 Sessional

Written Work: Core part of course. Two essays will be required in the Michaelmas Term, at least one class paper in the Summer Term. Class presentations and essays will be required in the options.

Reading List: The following is a general and introductory reading list. Further reading will be given during the course.

G. W. Barclay, *Techniques of Population Analysis*, 1958; D. V. Glass, *Numbering the People*, 1973; W. Petersen, *Population*, 1969; R. Pressat, *Population*, 1970; A. Sauvy, *General Theory of Population*, 1969 (hardcover), 1974 (paperback); United Nations, *The Determinants and Consequences of Population Trends*, Population Studies No. 17, 1953; *Population Studies*, No. 50, 1973 (2 volumes); United Nations; *The Population Debate: Dimensions and Perspectives*,

Papers of the World Population Conference, Bucharest 1974; *Population Studies*, No. 57, 1975 (2 volumes); United Nations, *World Population Trends and Policies*, 1977 Monitoring Report, *Population Studies* No. 62, 1979 (2 volumes); E. A. Wrigley, *Population and History*, 1969.

Examination Arrangements: There will be a three-hour written examination in the Summer Term. The paper will require four questions to be answered, one relating to the core part of the course described here, and three relating to the chosen option.

Pn8110

Demographic Techniques and Analysis

Teacher Responsible: Mr. C. M. Langford, Room A341 (Secretary, A337)

Course Intended Primarily for M.Sc. Statistics: students intending to undertake the course should contact Mr. Langford in the first instance.

Scope: The course is intended to cover the main aspects of the measurement and analysis of major demographic variables with special reference to developing countries.

Syllabus: 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; logit 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; Pn155a 15 Lent and Summer Terms; 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.

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>
Ps100	Introduction to Individual and Social Psychology Dr. J. E. Stockdale, Mr. R. Holmes, Mr. A. D. Jones and Dr. J. McShane	25/MLS Ps5400
Ps101	Psychoanalytic Theories and their Derivatives Dr. Hildebrand	6/L Ps101; Ps5400
Ps103	Social and Biological Processes in Behaviour	
	(i) Social Processes Mr. A. D. Jones	20/ML Ps5404
	(ii) Biological Processes Dr. S. Green	12/ML Ps5404
Ps105	Methods of Psychological Research I: Laboratory Dr. J. E. Stockdale and Dr. A. E. M. Seaborne.	23/MLS Ps5406
Ps106	Social Psychology Dr. A. E. M. Seaborne, Professor R. M. Farr, Dr. A. N. Oppenheim and Dr. A. P. Sealy	24/ML Ps5423
Ps108	Methods of Psychological Research II:	
	(i) Methods Dr. G. D. Gaskell and other Members of the Department	20/ML Ps5420 24/MLS Ps5420
	(ii) Laboratory Dr. G. D. Gaskell, Dr. A. P. Sealy, Dr. J. McShane, Dr. J. E. Stockdale, Professor R. M. Farr, Mr. A. Wells and Dr. A. E. M. Seaborne	
	(iii) Psychological Statistics Dr. J. E. Stockdale	24/MLS Ps5420
Ps109	Cognitive Science Dr. J. McShane	23/MLS Ps5424
Ps113	Abnormal Psychology Dr. Trauer	8/M Ps113
Ps115	Advanced Study of Psychological Processes Dr. G. D. Gaskell, Mr. R. Holmes, Professor R. M. Farr and Mr. S. Wooler	23/MLS Ps5501

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>
Ps116	Methods of Psychological Research III Dr. J. E. Stockdale and Mr. A. Wells	23/MLS Ps5500
Ps118	Cognitive Development Dr. J. McShane	10/M Ps5521
Ps119	Personality and Psychopathology Dr. A. P. Sealy	10/M Ps5524
Ps122	Cognitive Structures Dr. P. C. Humphreys	10/M Ps5522
Ps123	Collective Psychologies Professor R. M. Farr and Dr. C. R. Badcock	10/M Ps5523
Ps124	Social Psychology of Health Dr. A. N. Oppenheim	10/M Ps5525
Ps150	Applied Developmental Psychology Dr. J. McShane	10/L Ps5526; Ps6414
Ps151	Life-Span Development Mr. A. D. Jones	10/L Ps5527; Ps6418
Ps152	Personality and Social Pathology Dr. A. P. Sealy	10/L Ps5528; Ps6415
Ps153	Psychological Aspects of Legal Processes Dr. A. P. Sealy	10/L Ps5529; Ps6417
Ps154	The Social Psychology of Conflict Dr. A. N. Oppenheim	10/L Ps5530; Ps6421
Ps155	The Social Psychology of the Media Dr. P. C. Humphreys	10/L Ps5531; Ps6416
Ps160	Contemporary Social Psychology Professor R. M. Farr, Dr. G. D. Gaskell, Dr. P. C. Humphreys and Dr. A. P. Sealy	20/ML Ps6423
Ps161	People and Organisations Mr. R. Holmes	10/L Ps6420
Ps162	Sociological Forms of Social Psychology Professor R. M. Farr	10/L Ps5532; Ps6422
Ps163	Decision Making and Decision Support Systems Dr. P. C. Humphreys	10/L Ps6419
Ps165	Methods of Research in Social Psychology	
	(i) Principles of Social Research	10/M
	(ii) Research Techniques	10/M
	(iii) Advanced Data Analysis	20/M
	Dr. G. D. Gaskell, Professor R. M. Farr, Dr. J. E. Stockdale, Dr. P. C. Humphreys, Dr. A. P. Sealy, Dr. A. N. Oppenheim and Mr. A. Wells	Ps6498
Ps166	Industrial Psychology Mr. R. Holmes	10/M SM8345

Lecture/
Seminar
NumberStudy Guide
Number

Ps169	Psychology Seminar Professor R. M. Farr	12/MLS	Ps169
Ps170	Current Research in Social Psychology Dr. G. D. Gaskell	10/ML	Ps170

Study Guides

Ps101

Psychoanalytic Theories and their Derivatives**Teacher Responsible:** Dr. 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; Diploma Soc. Pol. and Admin I.**Teaching Arrangements:** Six lectures (Ps101) Lent Term.**Examination Arrangements:** Non-examinable.

Ps113

Abnormal Psychology**Teacher Responsible:** Dr. Trauer.**Course Intended Primarily** for B.Sc. c.u. main field Social Psychology 2nd year; optional for M.Sc.; B.Sc. S.S. and A. 3rd year; Diploma in Soc. Pol. and Admin I.**Syllabus:** Aspects of abnormal psychology; classification; aetiology, treatments, theories of mental illness.**Teaching Arrangements:** Eight lectures (Ps113), Michaelmas Term.**Examination Arrangements:** Non-examinable.

Ps169

Psychology (Seminar)**Teacher Responsible:** Professor R. M. Farr, Room S303 (Secretary, Miss M. Rennie, S304)**Course Intended Primarily** for graduate students; B.Sc. c.u. main field Social Psychology 3rd year.**Teaching Arrangements:** Fortnightly seminars (Ps161), Sessional.

Papers will be presented by outside speakers.

Examination Arrangements: Non-examinable.

Ps170

Current Research in Social Psychology**Teacher Responsible:** Dr. G. Gaskell, Room S307 (Secretary, S316)**Course Intended Primarily** for staff and graduates.**Teaching Arrangements:** Fortnightly seminars (Ps162) Michaelmas and Lent Terms.**Examination Arrangements:** Non-examinable.

Ps5400

Introduction to Individual and Social Psychology**Teacher Responsible:** Dr. J. E. Stockdale, Room S386 (Secretary, S316)**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. S.S. and A. 2nd and 3rd years.; Dip. Soc. Admin.**Scope:** An introduction to the theories and concepts of psychology concerned with human behaviour: how people perceive, think, feel and learn, and how they act in social settings.**Syllabus:** Biological and evolutionary aspects of behaviour. Mechanisms and theories of learning, perception, memory, reasoning and language. Cognitive development and socialisation. Individual differences in ability and personality: the meaning and measurement of intelligence; definitions and dynamics of personality. Social cognition and social behaviour: the role of attitudes in behaviour and their measurement; group dynamics; intergroup behaviour and interpersonal communication.**Pre-Requisites:** None.**Teaching Arrangements:** The course comprises a sessional weekly lecture and class.

(i) Ps100: A weekly lecture. The lectures in this series are given by Dr. Stockdale, Mr. Holmes, Mr. Jones and Dr. McShane.

(ii) Ps100a: A weekly class to which students are allocated in the early part of the Michaelmas Term. Class teachers are generally part-time.

(iii) Ps101: **Psychoanalytic Theories and their Derivatives** (6 lectures). Dr. Hildebrand. 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, 1980 (8th edn.); Brown & Herstein, *Psychology*, Methuen, 1975; R. Brown, *Social Psychology*, Macmillan 1965; Taylor & Sluckin, *Introducing Psychology*, Penguin, 1982; Tajfel & Fraser, *Introducing Social Psychology*, Penguin, 1978. Additional references and a synopsis of lectures and class topics is distributed in the first lecture of the series and available in S316.**Examination Arrangements:** There is a three-hour examination in the Summer Term based on the syllabus of the lectures and classes. Students must answer 4 questions.

Ps5404

Social and Biological Processes in Behaviour**Teacher Responsible:** Mr. A. D. Jones, Room S364 (Secretary, Morag Rennie, S304)**Course Intended Primarily** for B.Sc. Social Psychology (first year), and B.Sc. (Econ.) Part II Special Subject Social Psychology.**Scope:** The course comprises two separate sections: A. **Social Processes**, and B. **Biological Processes in Behaviour**. The course is an introductory one in both areas.**Syllabus:** A. **Social Processes** (Teacher: Mr. A. D. Jones): Social learning and imitation; observational learning; early social interaction; social facilitation effects; the social psychology and development of the emotions; expressive behaviour, especially in its relation to impression formation, the evolution of consciousness and the nature of the human self; gender differences; social skills training; gestures and their meanings.

B. Biological Processes (Teacher: **Dr. Simon Green**, Birbeck College): Psychobiology; structure and function of the nervous system, including sense organs, physiological aspects of arousal, motivation and emotion; drugs and behaviour.

Teaching Arrangements: Social Processes: 20 weekly lectures of one hour. Classes are held fortnightly.

Biological Processes: Twelve weekly lectures of two hours (beginning in November).

Written Work: Students are required to write three essays on set topics in **Social Processes**.

Reading List: Social Processes: A reading list will be distributed during the course.

Biological Processes (in order of preference): N. R. Carlson, *Physiology of Behaviour* (2nd edn.), Allyn and Bacon, 1980; R. F. Thompson, *Introduction to Physiological Psychology*, Harper and Row, 1975; T. L. Bennett, *Introduction to Physiological Psychology*, Brooks/Cole, 1982.

Examination Arrangements: A three-hour written examination in the Summer Term. The examination paper consists of two parts that correspond to the two sections of the course. Students are required to answer two questions from each section. 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.

Ps5406

Methods of Psychological Research I: General and Statistical

This comprises two components:

(i) Ps105 **Laboratory Course**;

(ii) SM202 **Statistical Methods for Social Research**. Students must attend *both* components. This study guide deals with the LABORATORY course. For details of the Statistics component, students should consult the Study Guide SM7215: **Statistical Methods for Social Research**.

Teacher Responsible: Dr. J. E. Stockdale, Room S386 (Secretary, S316)

Other Course Lecturers: Dr. A. E. Seaborne, Room S385.

Course Intended Primarily for B.Sc. c.u. Main Field Soc. Psych. 1st year.

Scope: An introduction to experimental design and research methods in Psychology.

Syllabus: Introduction to experimental design and research methods in relation to design conduct of laboratory and field studies. The areas examined will include learning, memory, thinking, perception, child behaviour and social processes. Students will also be introduced to measurement and scaling, and techniques of testing in relation to psychological assessment of attitudes, personality and intelligence. An introduction to statistical analysis of experimental data using computer packages. The experiments conducted will be related to topics discussed in Ps100.

(Introduction to Individual and Social Psychology).

Pre-Requisites: None.

Teaching Arrangements: Sessional, weekly three-hour laboratory session (Ps105). 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. J. E. Stockdale and may be discussed with them.

Reading List: Students are not advised to purchase any text, but they may wish to consult:

H. H. Johnson, & R. L. Solso, *An Introduction to Experimental Design in Psychology. A Case Approach*, Harper & Row, 1971; A. M. Snadowsky (Ed.), *Social Psychology Research: Laboratory Field Relationships*, Free Press, 1972; B. J. Underwood & J. J. Shaughnessy, *Experimentation in Psychology*, Wiley, 1975. Recommended reading related to individual content areas will be given during the course.

Examination Arrangements: The Laboratory Course assessment is based on EIGHT laboratory reports completed during the session and formally submitted for assessment in the Summer Term. This amounts to 50% of the marks awarded for this unit, the remainder comprising Statistics exam. (35%) and Statistics exercises (15%).

Ps5420

Methods of Psychological Research II: Social and Statistical

Teachers Responsible: Dr. George Gaskell, Room S307, Dr. J. McShane, Room S384 and Dr. J. E. Stockdale, Room S386 (Secretaries, S316)

Course Intended Primarily for B.Sc. c.u. main field Social Psychology 2nd year, B.Sc. (Econ.) Special Subject Social Psychology Part II, Diploma in 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: Lectures and Laboratory Sessions

Teachers Responsible: Dr. G. Gaskell, Room S307, (Michaelmas Term) and Dr. J. McShane, Room S386 (Lent Term) (Secretaries, S316)

Scope: The course is intended to give students an understanding of the concepts and methods of research and experience in the design, execution and analysis of cognitive and social psychological research and the assessment of individual differences.

Syllabus: Assumptions underlying psychological experimentation and research. Problems of measurement and the assessment of individuals in particular attitude scaling, personality questionnaires, projective techniques and repertory grids, computer based analysis: on-line control of experiments and cognitive modelling. Elementary programming constructs. Practical experience in the conduct of experiments in the areas of cognitive and social psychology. Training in qualitative research and interviewing.

Teaching Arrangements: Ps108(i): **Methods of Psychological Research:** Lectures: 20, Members of the Department. Ps108(ii) **Laboratory Sessions:** 24 Sessions, Members of the Department.

Written Work: Research reports on the empirical projects carried out during the year. The reports relating to the first term should be submitted before the end of the 1st week of the Lent Term, those relating to the Lent Term's work before the end of the 1st 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.

Examination Arrangements: There is a two-hour written examination in the Summer Term containing 8 questions of which 3 must be answered. Laboratory notebooks containing the research reports, with a suitable index must be submitted for final examination by the date of the written examination. The examination and notebooks are given equal weight in the assessment of Section A of the course.

Section B: Psychological Statistics

Teacher Responsible: Dr. J. E. Stockdale, Room S386 (Secretary, Liz Wake, S316)

Scope: The course aims to familiarize students with parametric and non-parametric techniques of data analysis and their application to psychological data.

Syllabus: Revision: Sampling, inference and hypothesis testing. Non parametric tests for comparing 2 & k samples, related and independent groups. Non parametric measures of association and correlation. Simple linear regression and correlation. Assumptions and models underlying analysis of variance (fixed and random factors). One-, two- and three-way analysis of variance (independent randomized groups design). Planned and unplanned comparisons and tests of trend. Repeated measures and partial repeated measures (split plot) analysis of variance. Test Selection.

Pre-Requisites: Completion of SM202 **Statistical Methods for Social Research** or a comparable course which covers descriptive statistics; elementary probability; sampling, statistical inference, estimation and hypothesis testing, simple regression and correlation and elementary non-parametric techniques.

Teaching Arrangements: Sessional, weekly lecture and class. Lectures: Ps108(iii) 10 Michaelmas Term, 10 Lent Term, 4 Summer Term. Classes: Ps108(iii) (a) 10 Michaelmas Term, 10 Lent Term, 4 Summer Term. Exercises related to the lecture content are carried out in the weekly class.

Written Work: In addition to the class exercises, 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. J. E. Stockdale.

Reading List: No one book covers the entire course. Students are advised to buy:

S. Siegel, *Non-parametric Statistics for the Behavioural Sciences*, McGraw Hill, 1956 or B. Singer,

Distribution Free Models for Non-Parametric Problems, B.P.S., 1979; and one of the following: H. M. Blalock, *Social Statistics*, McGraw Hill, 1960; G. Glass & J. Stanley, *Statistical Methods in Education and Psychology*, Prentice Hall, 1970; D. C. Howell, *Statistical Methods for Psychology*, Duxbury Press, 1982.

Books which students may wish to consult include: G. Keppel, *Design and Analysis: A Researchers' Handbook*, Prentice Hall, 1973; W. L. Hays, *Statistics*, Holt, Rinehart & Winston, 1969.

Examination Arrangements: There is a two-hour examination in the Summer Term divided into three sections. Students are required to answer one question from Section A, one question from Section B and three questions from Section C. 40% of the marks are allocated to Section A and 30% to each of the other two sections. Copies of previous years' papers are available. 70% of the assessment of the statistics course is based on the exam paper and 30% on the set of exercises submitted during the session.

Note: The relative weightings across *all* components of the course are as follows:

(i) Methods of Psychological Research: Examination 25%

(ii) Laboratory work 25%

(iii) Psychological Statistics: Examination 35%

(iv) Statistics Exercises 15%

Ps5423

Social Psychology

Teacher Responsible: Dr. A. E. M. Seaborne, Room S385 (Secretary, Morag Rennie, S304). **Other participants:** Dr. A. N. Oppenheim, Professor R. M. Farr and Dr. A. P. Sealy.

Course Intended Primarily for B.Sc. Social Psychology second year, Diploma in Social Psychology 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.

Scope: The aim of the course is to examine the part played by personality, social cognition and social interaction in determining social behaviour.

Syllabus: The syllabus is divided into three parts.

A. Social Cognition The social and collective nature of representations; social illusions, including the fundamental attributional error; collective representations of the individual and the attribution of responsibility; impression formation; the perception of persons and attribution theory.

B. Personality Theory Clinical and statistical approaches to diagnosis; stress analysis including primary and secondary appraisal; success, failure and aspiration level; personal construct theory, cognitive complexity and creativity: the situationist approach.

C. Social Interaction and Group Processes Norms, conformity and social innovation including the processes of minority influence; social comparison theory and exchange theory; game theory, bargaining and negotiation; prejudice and intergroup relations; decision making in groups.

Pre-Requisites: There are no prerequisites for Diploma students. Undergraduates normally require a pass in the **Introduction to Individual and Social Psychology**

course and students other than B.Sc. Social Psychology students, are subject to the constraint of numbers.

Teaching Arrangements: Sessional, weekly lectures and classes.

Written Work: Students will be required to prepare essays on set topics.

Reading List: R. Brown, *Social Psychology* (2nd edn.), Free Press, 1986; M. Cook, *Perceiving Others: The Psychology of Inter-personal Perception*, Methuen, 1979; S. T. Fiske and S. E. Taylor, *Social Cognition*, Addison-Wesley, 1984; G. S. Klein, *Perception, Motives and Personality*, Knopf, 1970; W. Mischel, *Personality and Assessment*, Wiley, 1968; H. Tajfel, *The Social Dimension*, Vol. 2, Cambridge University Press, 1984; J. R. Eiser, *Cognitive Social Psychology*, McGraw-Hill, 1980.

Examination Arrangements: Students are examined in the Summer Term by a three-hour formal examination. Students are required to answer four questions. 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 Science

Teacher Responsible: Dr. J. McShane, Room S384 (Secretary, Pat Christopher, S316). Other participants: Dr. A. E. M. Seaborne, Dr. P. Humphreys and Mr. A. Wells.

Course Intended Primarily for B.Sc. Soc. Psych. 2nd year, Diploma in Social Psychology 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.

Scope: The course examines theoretical models of information processing within cognitive psychology and artificial intelligence. It is concerned essentially with the ways in which a cognitive system (human or artificial) manipulates, stores and retrieves information. Models of memory form the basis of cognitive systems. Reasoning and decision-making characterise the system in operation. Perceptual processes and language constitute the inputs and language and behaviour the outputs of the system. Each of these topics is discussed within the information-processing paradigm.

Syllabus: Block 1. Models of memory; episodic and semantic memory; working memory; levels of processing; automatic and effortful processes. Logical and computational metaphors of mind.

Block 2. Artificial intelligence; system of knowledge representations; principles of human reasoning; artificial and human cognition; logic and inferences in reasoning.

Block 3. Perceptual processes; perceptual inferences; ecological theories of perception; computational vision; imagery in perception and memory.

Block 4. Categorization and concepts; hierarchical categorization; lexical categories; models of grammar; models of language comprehension; discourse processing.

Pre-Requisites: Introduction to Individual and Social Psychology or an equivalent course.

Teaching Arrangements: Weekly lectures and classes, sessional.

Written Work: Students will be required to prepare essays on set topics.

Reading List: There is no text for the course. Detailed reading lists will be provided for the individual blocks. The following texts will provide good general coverage of some aspects of the course: R. Lachman, J. L. Lachman and E. C. Butterfield, *Cognitive Psychology and Information Processing: An introduction*, Erlbaum, 1979; E. Charniak and D. McDermott, *Introduction to Artificial Intelligence*, Addison-Wesley, 1985; M. W. Eysenck, *A Handbook of Cognitive Psychology*, Erlbaum, 1984; L. Johnson and E. T. Keravnou, *Expert Systems: A Guide*, Abacus, 1986; N. Dixon, *Preconscious Processing*, Wiley, 1981; U. Neisser, *Cognition and Reality*, W. H. Freeman, 1976; H. Gardner, *The Mind's New Science*, Harper and Row, 1986.

Examination Arrangements: A three-hour examination in the Summer Term. Students are usually required to answer four questions. 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. Social Psychology 3rd year.

Scope: The course has two components:

(i) **Advanced Data Analysis**

(ii) **Research Project**

Section (i): Advanced Data Analysis

Teachers Responsible: Dr. J. E. Stockdale, Room S386 (Secretary, Liz Wake S316), Mr. A. J. Wells, Room S302

Syllabus: An introduction to multi-variate and related analytic techniques. The use of SCSS and APSSX computer packages for analysis of social data.

Section (ii): Research Project

Teacher Responsible: 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.

Syllabus: The research project comprises an empirical investigation carried out on the students' own initiative under the supervision of a member of staff. The choice of research topic must be approved by the project supervisor.

Examination Arrangements: The assessment is based on successful completion of a research project. Project reports must be completed by a specified date in June 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.

Ps5501

Advanced Study of Psychological Processes

Teacher Responsible: Dr. G. Gaskell, Room S307 (Secretary, S316)

Course Intended Primarily for B.Sc. c.u. main field Soc. Psych. 3rd year, Dip. Soc. Psych., B.Sc. (Econ.) Part II Special Subject Social Psychology.

Scope: Five areas of psychology are considered in detail, these being epistemology, attitude theory, social attributions, judgement and decision making, group processes and collective behaviour.

Syllabus: The history and nature of empiricism in psychology and the impact of the dialectical school. Aspects of information processing, decision making, person perception, attribution theory, attitude change and social representations, the behaviour of individuals in groups and crowds.

Pre-Requisites: Ps106 Personality and Social Behaviour.

Teaching Arrangements: A sessional lecture course (Ps115). The following lectures are involved. Dr. G. Gaskell, Mr. R. Holmes, Professor R. Farr, Mr. S. Wooler.

Written Work: There are no requirements for written work, students are encouraged to write papers throughout the course which can be discussed with the lecturers.

Reading List: Reading lists will be distributed throughout the course.

J. R. Eiser, *Cognitive Social Psychology*, McGraw Hill, 1980; J. Perry & M. D. Pugh, *Collective Behaviour*, West. Pub. Co., 1978; R. Holmes, *Legitimacy and the Politics of the Knowable*, Routledge & Kegan Paul, 1976; T. S. Wallsten (Ed.), *Cognitive Processes in Choice & Decision Behaviour*, Lawrence Erlbaum Associates, 1980; M. Hewstone (Ed.), *Attribution Theory: Social and Functional Extensions*, Blackwell, Oxford, 1983; R. Brown, *Social Psychology* (2nd edn.), Free Press, 1986.

Examination Arrangements: There is a three-hour examination in the Summer Term based on the syllabus. Students are required to answer 4 questions. In addition candidates may submit up to 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.

Ps5521

Cognitive Development

Teacher Responsible: Dr. J. McShane, Room S384 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Psychology third year; B.Sc. (Econ.) Part II Special Subject Social Psychology and Diploma in Social Psychology.

Scope: The course examines models of cognitive development, especially Piagetian, Information Processing, and Innatist models. The theoretical principles of a developmental model will be discussed and the various models examined in the light of these principles and of the empirical evidence.

Syllabus: 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.

Pre-Requisites: Introductory courses in developmental and cognitive psychology.

Teaching Arrangements: Weekly two-hour seminars (Ps118) of which half will be a lecture and half a discussion.

Reading List: M. Boden, *Piaget*, Fontana, 1979; C. J. Brainerd, *Piaget's Theory of Intelligence*, Prentice-Hall, 1978; R. J. Sternberg (Ed.), *Mechanisms of Cognitive Development*; W. H. Freeman, 1984; M. Atkinson, *Explanations in the Study of Child Language Development*, Cambridge University Press, 1982; J. A. Fodor, *The Language of Thought*, M.I.T. Press, 1975.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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.

Ps5522

Cognitive Structures

Teacher Responsible: Dr. P. C. Humphreys, Room S367 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year and Diploma in Social Psychology. Other third year students in B.Sc. (Econ.), B.Sc. Sociology, B.A. Anthropology may attend at their tutor's discretion, providing they have the basic prerequisites.

Scope: Structural, social and communication aspects of cognition. Relations between cognitive, social and cultural structures. Cognitive structure and process within psychodynamic models.

Syllabus: The course will explore the following topics: The role of language in the communication and internalisation of messages: (i) representation and communication, (ii) interpretation of communication. Cognitive structure in semantic memory: manifest/latent structure, structure of language and of memory, primary/secondary process thought (role of metaphor and metonymy), dynamic structure. Relations between cognitive process and structure in dreams, the construction of poetry, reasoning and problem solving an informal thought disorder. Positioning of a person's cognitive world within social and cultural structures. Role of myth in the cognitive mediation of social and cultural structures.

Teaching Arrangements: A two-hour weekly lecture/seminar (Ps122) during the Michaelmas Term.

Reading List: Reading lists for each of the major topics will be provided during the course. The following will be of general use within the course:

R. T. and F. de George, *The Structuralists*, Anchor, 1972; M. Blonsky, *On Signs*, Macmillan, 1984; E. R. Leach, *Culture and Communication*, Cambridge, 1976; O. Mannoni, *Freud: The Theory of the*

Unconscious, New Left Books, 1972; R. Barthes, *Mythologies*, Paladin, 1972; U. Eco., *Semiotics and the Philosophy of Languages*, Macmillan, 1985.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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.

Collective Psychologies

Teacher Responsible: Professor R. M. Farr, Room S303 (Secretary, Morag Rennie, S304). Also participating, Dr. C. Badcock.

Course Intended Primarily for B.Sc. Social Psychology third year, Diploma in Social Psychology and B.Sc.(Econ.) Part II, Special Subject Social Psychology. With approval of the department other third year course unit students may attend this course. B.Sc. Sociology and B.A. Social Anthropology students are particularly welcome.

Scope: The aim of the course is to reconstruct, both logically and historically, some of the early forms of collective psychology and to assess their relevance in the context of modern research in psychology and in the other social sciences. The focus of interest is on the relation between psychology and other social sciences. **Syllabus:** Wundt's *Völkerpsychologie* (1900-20) will be considered in relation both to his experimental science and to the development of social sciences other than psychology. The impact of Le Bon's psychology of crowds on the study of mass phenomena will be traced. A special study will be made of the collective psychologies developed by Freud. The relevance of the work in collective psychology to the study of scripts, plans and scenarios in modern cognitive science will be explored. If time permits some aspects of collective psychology in the Soviet Union will be looked at and comparisons drawn with Western research.

Pre-Requisites: Some prior knowledge of a social science or of social philosophy.

Teaching Arrangements: Ten two-hour weekly seminars (Ps123) throughout the Michaelmas Term. **Written Work:** Students present papers in the seminar and are encouraged to write essays on topics agreed with the teacher.

Reading List: S. Moscovici, *The Age of the Crowd*, Cambridge University Press, 1985; A. Nye, *The Origins of Crowd Psychology: Gustav Le Bon and the Crisis of Mass Democracy in the Third Republic*, Sage, 1975; Articles by Danziger, Markova, Jahoda and Farr in R. M. Farr (Guest ed.), "History of Social Psychology" (*British Journal of Social Psychology*, Vol. 22, No. 4, November 1983, Special Issue); C. R. Badcock, *The Psychoanalysis of Culture*, Blackwell; C. Graumann and S. Moscovici (Eds.), *Changing*

Conception of Crowd Mind and Behaviour, Springer Verlag, New York, 1986.

More detailed reading lists which include many journal articles are available from the Administrative Secretary (Morag Rennie).

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two from a choice of five questions. In addition, B.Sc. students *may* submit an essay to the examiners. The mark obtained on this will not be used to lower the mark obtained in the examination but may be used to raise the final mark in borderline cases.

Ps5524

Personality and Psychopathology

Teacher Responsible: Dr. A. P. Sealy, Room S387 (Secretary, Morag Rennie, S304)

Course Intended Primarily for B.Sc. Social Psychology third year; Diploma in Social Psychology and B.Sc. (Econ.) Part II Special Subject Social Psychology.

Scope: The investigation of *psychological* processes involved in mental disorders, starting with a general discussion of psychological aspects of diagnosis. The disorders under consideration will include schizophrenia, psychopathy, depression and anxiety. There will also be a discussion of grief and bereavement and coping mechanisms in stressful circumstances.

Syllabus: The course will start with a general discussion of mental disorder, including models of psychiatric illness, differences between diagnosticians, the concept of "personal illness" and the views of T. Szasz. Arousal processes will be studied in relation to schizophrenia, early infantile autism, hyperactivity in children and psychopathy. Cognitive and behavioural problems will be discussed in relation to depression and schizophrenia. The impact of stressful life events will be discussed in relation to depression and anxiety. There will be a detailed discussion of grief and bereavement, as well as coping mechanisms in extreme or threatening situations.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher.

Teaching Arrangements: A weekly seminar course (Ps119) throughout the Michaelmas Term.

Reading List: T. Szasz, *The Myth of Mental Illness*, Paladin, 1971; R. D. Hare, *Psychopathy*, Wiley, 1970; T. Cox, *Stress*, Macmillan, 1978; B. Maher, *Principles of Psychopathology*, McGraw-Hill, 1966; H. J. Eysenck, *Handbook of Abnormal Psychology* (Revised Edition), Basic Books, 1978; B. Maher (Ed.), *Progress in Experimental Personality Research*, selected chapters from Vols. I to IX, Academic Press, 1964 onwards.

Examination Arrangements: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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

Teacher Responsible: Dr. A. N. Oppenheim, Room S366 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year, B.Sc.(Econ.) Part II Special Subject Social Psychology and Diploma in Social Psychology students.

Scope: The application of social psychology to problems of health and illness.

Syllabus: Social and behavioural medicine, social psychiatry and epidemiology. Cross-cultural concepts of health and disease. Care-delivery systems, health professionals and problems of medicalization. Alcoholism, smoking and drug-taking. The problems of assessment and evaluation.

Pre-Requisites: Knowledge of basic social psychology theories and research methods to third year level will be assumed.

Teaching Arrangements: The course is taught by means of regular weekly seminars (Ps124) taking place in the Michaelmas Term. Students are expected to take a major part in the seminar by reading papers and contributing to the discussion. The seminar topics will follow a detailed reading list which will be handed out at the beginning of the seminar.

Written Work: Students are encouraged to write essays which may be submitted as part of the Final examination. Students should consult the seminar teacher before choosing their essay topics. Students should be prepared to read widely in related fields and should also become thoroughly familiar with problems of research design and research techniques.

Reading List: A full reading list will be handed out at the beginning of the seminar course. Students should be familiar with: P. H. Rossi, H. E. Freeman and R. Wright, *Evaluation: A Systematic Approach*, Sage, 1979; J. R. Eiser, *Social Psychology and Behavioural Medicine*, John Wiley, 1982.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, candidates *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.

Ps5526 Ps6414

Applied Developmental Psychology

Teacher Responsible: Dr. J. McShane, Room S384 (Secretary, Mrs. Pat Christopher, Room S316)

Course Intended Primarily for B.Sc. Social Psychology third year, Diploma in Social Psychology, B.Sc.(Econ.) Part II Special Subject Social Psychology and M.Sc. Psychology students.

Scope: The course examines various aspects of the interface between developmental theory and developmental intervention, especially in the area of education. Topics include learning difficulties, language, reading, and the effects of computers in

education. The methodology of assessment techniques is a key issue.

Syllabus: Developmental deficit and developmental delay. Measuring developmental change in nature and in intervention. Task analysis and its role in intervention. Applications to the development of language and of reading. Identifying and treating learning difficulties. Can computers help children to learn?

Pre-Requisites: Introductory course in developmental psychology.

Teaching Arrangements: Weekly two-hour seminars (Ps150) of which half will be a lecture and half a discussion.

Reading List: M. Ainscow and D. A. Tweddle, *Preventing Classroom Failure: An Objectives Approach*, Wiley, 1980; M. Hughes, *Children and Number*, Blackwell, 1984; G. Lindsay (Ed.), *Screening for Children with Special Needs*, Croom-Helm, 1984; T. O'Shea and J. Self (Eds.), *Learning and Teaching with Computers*, Harvester, 1983; A. Ellis, *Reading, Writing and Dyslexia: A Cognitive Approach*.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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.

M.Sc.: a two-hour examination in the Summer Term with students answering questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps5527 Ps6418

Life-Span Development Seminar

Teacher Responsible: Mr. A. D. Jones, Room S364 (Secretary, Morag Rennie, S304)

Course Intended Primarily for B.Sc. Social Psychology third year; B.Sc.(Econ.) Part II Special Subject Social Psychology; M.Sc. Social Psychology and Diploma in Social Psychology.

Scope: The adult part of the human life-cycle: varieties of stages and patterns; transitions between stages; crises: examples selected from adolescence, family building, employment, old age: theories of adult development; the control of personal growth.

Syllabus: The adult part of the human life-cycle can be viewed as a series of stages involving a great variety of alternatives and choices. School, employment, marriage, parenting, career development, divorce, bereavement, retirement and death provide some of the framework for the stages. Movement between stages involves changes in family, work groups and social groups and changes in individual identity. The course will concentrate on the main life-span episodes and transitions between them. Theoretical perspectives include Erik Erikson on psychoanalytic issues, Vic Turner on the use of symbols and ritual and Peter Marris on coping with the loss of the past. The human potential movement will be examined as a psychological system enabling individual people to

determine their own intellectual, emotional, behavioural and transpersonal growth.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology.

Teaching Arrangements: A weekly seminar course (Ps151) throughout Lent Term.

Written Work: Students will be expected to present material in the form of papers.

Reading List: D. C. Kimmel, *Adulthood and Ageing*, Wiley, 1974.

Examination Arrangements: M.Sc.: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. Written work carried out during the Session forms part of the assessment. B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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.

Ps5528
Ps6415

Personality and Social Pathology

Teacher Responsible: Dr. A. P. Sealy, Room S387 (Secretary, Morag Rennie, S304)

Course Intended Primarily for B.Sc. Social Psychology third year; M.Sc. Social Psychology, Diploma in Social Psychology, and B.Sc.(Econ.) Part II Special Subject Social Psychology.

Scope: The role of psychological factors in the description and aetiology of social pathologies, especially juvenile delinquency, alienation and suicide which will form a central part of the course. There will also be a discussion of self concept and psychopathology and of the social and personal processes involved in transition and change in therapeutic procedures.

Syllabus: The course will start a detailed account of psychological features in the aetiology of juvenile delinquency and differentiations within that area. There will be a discussion of labelling processes but with particular emphasis on the effects of labelling. Attention will be given to the processes and effects of training and rehabilitation schedules with regard to juveniles, including individual-institutional interactions. A central part of the course will consider the definition and historical origin of the concept of alienation and its relation to deviance and political involvement. The role of self in its social context will be analysed in relation of psychopathology. A consideration will be given to suicide. Finally, there will be an account of change and transition in psychotherapy as a combined function of disorder, personality and situation.

Pre-Requisites: None for Psychology students. Other students may attend at the discretion of the teacher.

Teaching Arrangements: A weekly seminar course (Ps152) throughout Lent Term.

Reading List: R. V. G. Clarke, *Designing Out Crime*, H.M.S.O., 1980; S. R. Brody, *The Effectiveness of*

Sentencing, H.M.S.O., 1976; S. Cohen (Ed.), *Images of Deviance*, Pelican; D. B. Cornish and R. V. G. Clarke, *Residential Treatment and its Effects*, H.M.S.O., 1975; D. Farrington *et al.*, "The persistence of labelling effects", *British Journal of Criminology*, 18, pps. 227-289; H. C. Quay, *Juvenile Delinquency*, Van Nostrand, 1965.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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.

M.Sc.: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. Written work carried out during the Session forms part of the assessment.

Ps5529
Ps6417

Psychological Aspects of Legal Processes

Teacher Responsible: Dr. A. P. Sealy, Room S387 (Secretary, Morag Rennie, S304)

Course Intended Primarily for B.Sc. Social Psychology third year; M.Sc. Social Psychology and Diploma in Social Psychology. Graduate students in Law and Sociology and students in Social Administration may attend at the discretion of the teacher.

Scope: The application of psychological principles to legal processes; the analysis of some of the assumptions underlying court proceedings; the use of psychological factors in special court decisions, such as custody of children and arrangements of domestic disputes: use of psychological techniques in forensic decisions, especially with regard to the prediction of parole success and the diagnosis of dangerousness.

Syllabus: The course will have three parts, one concerned with courts and their decision mechanisms; this will range from a study of juries through to an analysis of sentencing. The second part will concern itself with individuals and their behaviour within the system of criminal and civil justice: the identification and analysis of personal bias. The third part will concern itself with special judicial decisions, particularly those concerning children and their custody, dangerous offenders and their treatment and psychopathological offenders and their disposal.

This is *not* a course in law; its interest is to inquire into some of the psychological assumptions inherent in the forensic processes.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology.

Teaching Arrangements: A two-hour weekly seminar (Ps153) throughout the Lent Term.

Reading List: Kalven and Zeisel, *The American Jury*; R. F. Simon, *The Jury and the Rules of Insanity*, Brown, 1968; V. J. Konecni and E. B. Ebbesen, *The Criminal Justice System: A Social Psychological Analysis*, Freeman, 1982; S. Lloyd Bostock and B. R.

Clifford, *Evaluating Witness Evidence*, Wiley, 1982; J. Gunn and D. Farrington, *Abnormal Offenders, Delinquency and the Criminal Justice Systems*, Wiley, 1982.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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.

M.Sc.: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. Written work carried out during the Session forms part of the assessment.

Ps5530
Ps6421

Social Psychology of Conflict

Teacher Responsible: Dr. A. N. Oppenheim, Room S366 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year; M.Sc./M.Phil. Social Psychology and Diploma in Social Psychology students.

Scope: Applications of social psychology to the problems of communal, international and industrial conflict; peace research and conflict resolution.

Pre-Requisites: Knowledge of basic social psychology theories and research methods to third year level will be assumed.

Teaching Arrangements: The course is taught by means of regular weekly seminars (Ps154) in the Lent Term. Students are expected to take a major part in the seminar by reading papers and contributing to the discussion. The seminar topics will follow a detailed reading list which will be handed out at the beginning of the Seminar.

Written Work: Depending on the number of students taking part in the course, each student will be expected to give at least one seminar paper; sometimes a topic is covered by two students.

Reading List: A full reading list will be made available at the start of the course.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, candidates 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.

M.Sc.: A two-hour examination in the Summer Term with students answering questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps5531
Ps6416

Social Psychology of the Media

Teacher Responsible: Dr. Patrick Humphreys, Room S346 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for B.Sc. Social Psychology third year; Diploma in Social Psychology; M.Sc. Social

Psychology and other interested students with appropriate prerequisites.

Scope: Role, function and effects of communications media: analysis of media output and its involvement in processes of social influence and social change. Examination of media campaigns and communications effects studies.

Syllabus: The course has five parts:

(a) Introduction: The nature of communication. What makes communication effective? Problems in defining effectiveness: issues of cultural specificity and cultural barriers. Overview of research approaches to the study of mass media.

(b) Concepts and functions: Informational aspects of communications media: interpretation, coding and decoding. Motivational aspects: purposes and means of conveying communications; issues of ideology and impartiality. Changing conceptions of the mass addressed by mass media.

(c) Issues in the media: The media in relation to the status quo: emergence of film and TV regulation of content of novels, theatre, TV and film. Analysis of media images; reflections of pre-occupations of the era. Attempts at radicalisation through communications media: audience reactions (anticipated and unanticipated). Methods of negation and defusion of messages.

(d) Propaganda through the media: Development of propaganda techniques for use (i) within, (ii) between social systems (Germany in the 1930's, USA and UK in the Second World War, Cold War propaganda). Use and transformation of stereotypes. Advertising propaganda: decoding advertisements.

(e) Education through the media: Campaigns aimed at (i) health education, (ii) literacy, (iii) awareness of social problems.

Pre-Requisites: Students without a first degree in psychology should have completed at least two courses in psychology.

Teaching Arrangements: Two-hour weekly lecture/seminars (Ps155) in the Lent Term to be taught by Dr. Humphreys, Dr. Berkeley and Professor Himmelweit. Students on the course are also encouraged to attend to series of lectures (SA133) *Media and Society - Research and Policy Issues: Broadcasting, the Press and New Communications Technologies* given by Dr. Marjorie Ferguson of the Department of Social Science and Administration, and Professor Himmelweit.

Reading List: J. Curran, M. Gurevitch & J. Woollacott (Eds.), *Mass Communication and Society*, Arnold-Open University Press, 1979; 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.

Additional reading lists will be given out at the beginning of the Session.

Examination Arrangements: B.Sc. and Diploma: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. In addition, B.Sc. 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.

M.Sc.: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps5532
Ps6422

Sociological Forms of Social Psychology

Teacher Responsible: Professor R. M. Farr, Room S303 (Secretary, Morag Rennie, S304)

Course Intended Primarily for B.Sc. Social Psychology third year; M.Sc. Social Psychology students and B.Sc.(Econ.) Part II Special Subject Social Psychology. B.Sc. and M.Sc. students in Sociology, Anthropology and Philosophy are also welcome.

Scope: To examine some of the forms of social psychology which have developed in social sciences other than psychology and to relate them, conceptually and historically, to traditions of research in social psychology within psychology.

Syllabus: A special study will be made of the social philosophy of G. H. Mead and the issue will be raised as to whether the "social behaviourism" of Mead and the "symbolic interactionism" of Blumer are one and the same tradition of social psychology. The argument will be developed that they are not. Other forms of social psychology within the Chicago School will be examined e.g. the work of Thomas and possibly also the work of Thurstone. Contemporary French research on social representations will be examined in the light of Durkheim's distinction between collective and individual representations. Ichheiser's monograph on the ideology of success and failure and on the sociology of human relations will be critically evaluated and its influence traced in the work of Goffman on the presentation of self in everyday life and in Heider's work on the psychology of inter-personal relations.

Pre-Requisites: Some prior knowledge of a social science or of social philosophy.

Teaching Arrangements: Ten two-hour weekly seminars (Ps162) throughout the Lent Term.

Written Work: Students present papers in the seminar and are encouraged to write essays on topics agreed with the teacher. An essay is a required part of the M.Sc. degree work.

Reading List: G. H. Mead, *Mind, Self and Society: From the standpoint of a social behaviourist*, University of Chicago Press, Chicago, 1934; R. M. Farr and S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, 1984; P. Rock, *The Making of Symbolic Interactionism*, Macmillan, 1979; H. Blumer, *Symbolic Interactionism: Perspective and Method*, Prentice Hall, Englewood Cliffs, N. J., 1969; G. Ichheiser, "Misunderstandings in Human Relations: A study in false social perception," *American Journal of Sociology*, Monograph, 1949; M. Bulmer, *The Chicago School of Sociology*, University of Chicago Press, Chicago, 1984.

More detailed reading lists are available from the Administrative Secretary (Morag Rennie).

Examination Arrangements: B.Sc.: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. Written work carried out during the Session forms part of the assessment. 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.

M.Sc.: A two-hour examination in the Summer Term with students answering two questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps5599

An Essay or Research Report (not exceeding 5,000 words)

Teacher Responsible: The supervisor to Diploma students, Mr. R. Holmes.

Course Intended for students taking the Diploma in Social Psychology.

Scope: The essay or research report comprises one whole paper (or one quarter) of the Diploma requirements.

Selection of Topic: To be done in consultation with the supervisor.

Arrangements for Supervision: Mutually agreed between student and supervisor; considerable latitude is possible.

Examination Requirements: The essay or report should be handed in in the first week of June (date to be arranged).

Ps6414

Applied Developmental Psychology

See Ps5526

Ps6415

Personality and Social Pathology

See Ps5528

Ps6416

Social Psychology of the Media

See Ps5531

Ps6417

Psychological Aspects of Legal Processes

See Ps5529

Ps6418

Life-Span Development Seminar

See Ps5527

Ps6419

Decision Making and Decision Support Systems

Teacher Responsible: Dr. Patrick Humphreys, Room S367 (Secretary, S316)

Course Intended Primarily for those taking the M.Sc.

in Social Psychology; students taking other M.Sc. courses who can take an outside paper are also welcome.

Scope: Personal, organizational and social decision making; analysing and aiding decision processes; resolution of conflicting objectives; decision support systems.

Syllabus: 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 are used in organizations are investigated.

Pre-Requisites: Some background knowledge is desirable in one or more of the fields of cognitive psychology, operations research, systems analysis or management. Only an elementary level of mathematical ability is assumed, together with some capacity for logical analysis of subjective phenomena.

Teaching Arrangements: Two-hourly weekly lecture/seminars (Ps163) during the Lent Term. Interactive computer-based techniques for modelling and aiding decision making will be introduced through the seminar, and participants will have the opportunity to explore these techniques further outside the seminar.

Reading List: This field is one which is developing rapidly, and there is no overall textbook which adequately covers current issues across the whole syllabus. Recent books which provide partial coverage are:

G. N. Wright (Ed.), *Behavioural Decision Making: Theory and Research*, Plenum, 1985; P. C. Humphreys, O. Svenson & A. Vari (Eds.), *Analysing & Aiding Decision Processes*, North Holland, 1983; I. L. Janis & L. Mann, *Decision Making*, Free Press, New York, 1977; T. S. Wallsten, *Cognitive Processes in Choice and Decision Making*, Lawrence Erlbaum Associates, Hillsdale, N.J., 1980; K. Borcherting *et al.*, *Research Perspectives on Decision Making Under Uncertainty*, North Holland, 1984.

Detailed reading lists, including reviews published in journals and some key references for the individual topics covered will be given out during the seminars.

Examination Arrangements: A two-hour examination in the Summer term with students answering two questions from a choice of questions. Written work carried out during the session forms part of the assessment.

Ps6420

People and Organisations

Teacher Responsible: Mr. R. Holmes, Room S313 (Secretary, Mrs. Pat Christopher, S316)

Course Intended Primarily for those taking the M.Sc. in Social Psychology; students taking other M.Sc. courses who can take an outside paper are also welcome.

Scope: The course is primarily concerned to give the psychological underpinning of 'organisational' phenomena - cf. of the formal role, the nature of power, etc.

Syllabus: The nature of power, legitimacy and authority; groups and leadership; work - alienation and incentives; communication in organisations; the usefulness of the concept of systems for describing and/or explaining organisational phenomena.

Pre-Requisites: No previous knowledge of psychology is wholly necessary, but on the whole it will be assumed that the students are familiar with a certain amount of basic psychology.

Teaching Arrangements: A weekly seminar (Ps161) in the Lent Term.

Reading List: The best idea of the approach taken is that of the teacher's:

Roger Holmes, *Legitimacy & the Politics of the Knowable*, (Routledge & Kegan Paul, 1976). Reading lists on various topics will be handed out and discussed during the course.

Examination Arrangements: A two-hour examination in the Summer Term. Written work carried out during the session forms part of the assessment.

Ps6421

Social Psychology of Conflict

See Ps5530

Ps6422

Sociological Forms of Social Psychology

See Ps5532

Ps6423

Contemporary Social Psychology

Teacher Responsible: Professor R. M. Farr, Room S303 (Secretary, Morag Rennie, S304). Other participants: Dr. Gaskell, Dr. Humphreys and Dr. Sealy.

Course Intended Primarily for M.Sc. Social Psychology. Students taking other M.Sc. courses are also welcome.

Scope: Selected topics in modern social psychology.

Syllabus: The historical background of modern social psychology. Scripts, plans, scenarios and other collective representations in modern cognitive science. Collective representations and attitudes. The social psychology of mind and behaviour. Social interaction and the dynamics of small groups. Collective behaviour and inter-group relations. Social attitudes, social identity theory and relative deprivation. Changing attitudes. Persuasion, social control and social change. Cognitive, linguistic and mnemonic processes in a specific and demanding social situation: the validity and reliability of witness testimony in court.

Pre-Requisites: An Honours Degree in psychology.

Teaching Arrangements: 20 two-hour lecture sessions (Ps160) in the Michaelmas and Lent Terms.

Reading List: R. Brown, *Social Psychology*, Collier-Macmillan, New York, 1986, (set text); J. C. Turner and H. Giles (Eds.), *Intergroup Behaviour*, Blackwell, 1981; H. Tajfel, *Human Groups and Social Categories: Studies in social psychology*, Cambridge University Press, 1981; S. Lloyd Bostock and B. Clifford, *Evaluating Witness Evidence*, Wiley, 1983; J. R. Eiser, *Cognitive Social Psychology*, McGraw-Hill, etc.

1980; R. M. Farr and S. Moscovici (Eds.), *Social Representations*, Cambridge University Press, 1984; M. Hewstone (Ed.), *Attribution Theory: Social and functional extensions*, Blackwell, 1983; P. C. Humphreys, *Changing Attitudes*, Open University Press, 1986 (OU Course D307, units 16/17); H. T. Himmelweit, P. Humphreys and M. Jaeger, *How Voters Decide* (revised and updated edition), Open University Press, 1985; M. Cook (Ed.), *Issues in Person Perception*, Methuen, 1984; S. Stich, *Folk Psychology and Cognitive Science*, M.I.T. Press, 1981. **Examination Arrangements:** There will be a three-hour examination in the Summer Term with students answering three questions from a choice of questions. Written work carried out during the session forms part of the overall assessment of the course.

Ps6498**Methods of Research in Social Psychology**

Teachers Responsible: Dr. G. D. Gaskell, Room S307 (Secretary, S316), Professor R. M. Farr, Room S303 (Secretary, Morag Rennie, S304), Dr. A. N. Oppenheim, (Secretary, S316), Dr. P. C. Humphreys, Room S367 (Secretary, S316), Dr. A. P. Sealy, Room S387, (Secretary, Morag Rennie, S304) and Dr. J. E. Stockdale, Room S386 (Secretary, S316) and Mr. A. Wells.

Course Intended Primarily for M.Sc. Social Psychology and M.Phil students in Social Psychology; B.Sc. Social Psychology 3rd year.

Scope: The course has four components:

- (i) **Principles of Social Research**
- (ii) **Research Techniques**
- (iii) **Advanced Data Analysis**
- (iv) **Further Statistical Methods** (given by Professor D. J. Bartholomew, Statistics Department)

Syllabus:

(i) **Principles of Social Research.** 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.

(ii) **Research Techniques.** 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.

(iii) **Advanced Data Analysis.** The use of the SCSS and SPSSX computer packages for analysis of social data.

(iv) **Further Statistical Methods (SM268):** Non-parametric techniques including Multivariate Statistics and **Applied Multivariate Analysis (SM259).**

(Students should consult Study Guides SM6499 and SM8255).

Teaching Arrangements: The course is taught by means of lectures and practical sessions (Ps165) mainly in the Michaelmas Term. Course work includes regular assignments and exercises on research techniques, computer analysis of data and statistics.

Reading List: G. Hoinville and R. Jowell, *Social Research Practice*, Heinemann, 1978; T. D. Cook and D. T. Campbell, *Quasi-Experimentation Design and Analysis*, Rand McNally, 1979; L. J. Cronbach, *Essentials of Psychological Measurement*; W. M. Crano and M. Brewer, *Principles of Research in Social Psychology*, McGraw Hill, 1973.

Examination Arrangements: The Statistics course is assessed by means of a formal three-hour test in May, together with the marks for two written assignments carried out during the course. Principles of Social Research and Research Techniques will be assessed on the basis of course work and a written test.

Ps6499**Report**

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.

Scope: It is equivalent in value to one-eighth of the year's work. This is roughly equivalent to three weeks' full-time work on the project alone. It is the Report of an empirical investigation carried out on the student's own initiative.

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 in to the Departmental Office by 30th June, or two weeks after the date of the last written paper whichever is the later. It is preferable if the Report is a typewritten one. It must not exceed 10,000 words in length.

SOCIAL SCIENCE 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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>
SA100	Introduction to Social Policy Professor B. Abel-Smith and Professor R. Pinker	23/MLS SA5600; SA6771
SA101	History of Social Policy in the Nineteenth and Twentieth Centuries Dr. J. Lewis	20/ML SA5612
SA102	The Foundations of Post-War Social Policy Professor H. Glennerster, Mr. M. Reddin, Dr. J. W. Carrier, Dr. M. R. Ferguson, Dr. P. H. Levin and Miss S. B. Sainsbury	20/ML SA5612; SA6600; SA6611; SA6630
SA103	Social Policy Professor H. Glennerster, Mr. M. Reddin and Dr. J. W. Carrier	23/MLS SA5720; SA6600; SA6611; SA6630
SA104	Explaining Social Policy Dr. P. H. Levin	10/M SA5620
SA105	Contemporary Aspects of Social Work and Social Administration Mr. H. B. Rees and others	10/L
SA106	Fieldwork (Classes) Mr. H. B. Rees	20/ML
SA109	Sociology and Social Policy Dr. D. M. Downes, Dr. J. W. Carrier, Dr. M. R. Ferguson, Dr. M. I. A. Bulmer and Professor R. Pinker	25/MLS SA5613; SA6601; SA6703
SA110	Social Structure and Social Policy Dr. M. R. Ferguson	25/MLS SA5623
SA111	Introduction to Social Work and Social Work Method Mr. H. B. Rees and others	10/L
SA112	Values and Ethics in Social Work Mr. H. B. Rees	3/L
SA113	Data Analysis for Social Policy and Administration Mrs. D. Irving	10/M

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
SA114	Statistics and Computing in Social Investigation Mrs. D. Irving	10/M	SA5622
SA115	Methods of Social Investigation Dr. M. I. A. Bulmer and Dr. C. T. Husbands	20/ML	SA5622; So5801
SA116	Psychology and Social Policy Dr. N. Madge	10/M	SA5753; SA6601
SA120	Political Theory and Social Policy Miss C. C. S. Farsides	10/ML	SA5725
SA121	Educational Policy and Administration Dr. M. R. Ferguson and Professor H. Glennerster	10/M	SA5730
SA122	Race Relations and Ethnic Minority Groups Dr. M. I. A. Bulmer and Dr. J. W. Carrier	23/MLS	SA5754
SA123	Personal Social Services Miss S. B. Sainsbury	10/M	SA5731; SA6642; SA6703
SA124	Social Policy in Developing Countries (Not available 1986-87)	20/M	
SA125	Urban Planning and Housing Policies Dr. P. H. Levin	10/M	SA5732; SA6643; SA6782
SA126	Health Policy and Administration Professor B. Abel-Smith, Dr. J. W. Carrier, Mrs. D. Irving and Ms. A. Mills	35/ML	SA5733; SA6640; SA6661; SA6741; SA6761
SA127	Social Theory and Social Policy 1870-1918 (Not available 1986-87) Dr. J. E. Lewis	23/MLS	SA5751
SA128	Sociology of Deviance and Control Dr. D. M. Downes and Dr. P. E. Rock	10/L	SA5734
SA129	Social Security Policy Mr. D. F. J. Piachaud and Mr. M. Reddin	15/ML	SA5735; SA6641
SA130	Social Economics Mr. D. F. J. Piachaud	20/ML	SA5614; SA6600
SA132	The Finance of the Social Services (Not available 1986-87) Professor H. Glennerster	20/ML	SA5755; SA6600
SA133	Media and Society: Research and Policy Issues, Broadcasting the Press and New Communications Technologies Dr. M. R. Ferguson	10/ML	SA133

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SA151	Social Policy and Administration — Seminar Professor B. Abel-Smith, Professor R. Pinker and Professor H. Glennerster	50/MLS	SA6630
SA152	Social Planning — Seminar Professor H. Glennerster and Mr. J. Rosenhead	25/MLS	SA6631; SM8359
SA153	Social Policy Research — Seminar Dr. M. I. A. Bulmer	20/M	SA153; SA6630; SA6631
SA154	Health Services — Seminar Dr. J. W. Carrier, Professor B. Abel-Smith and Ms. A. Mills	25/MLS	SA6640; SA6661; SA6741; SA6761; So6882
SA155	Income Maintenance and Social Security Policies — Seminar Mr. M. Reddin and Mr. D. F. J. Piachaud	25/MLS	SA6641
SA156	Planning of Personal Social Services — Seminar Miss S. B. Sainsbury	25/MLS	SA6642
SA157	Housing and Urban Planning — Seminar Dr. P. H. Levin	20/ML	SA6643
SA158	Educational Policies and Administration — Seminar (Not available 1986-87) Dr. M. R. Ferguson	25/MLS	SA6644
SA159	Data Analysis for Social Policy and Planning Mrs. D. Irving	10/M	SA159
SA160	Research Seminar in Social Policy Dr. D. M. Downes and Dr. J. W. Carrier	15/MLS	SA160
SA161	Social Research and Social Administration (A) Research Forum Professor B. Abel-Smith and Professor P. Wilmott (B) Research Methodology Dr. M. I. A. Bulmer and Dr. J. Lewis	15/MLS 5/M	SA161 SA161
SA162	Research Design and Data Collection for Social Policy and Industrial Relations Dr. M. I. A. Bulmer, Dr. J. Lewis and Dr. S. Wood	10/L	SA162
SA163	Data Analysis for Research in Social Administration Mrs D. Irving	10/L	SA163
SA164	European Social Policy Dr. S. Mangan	23/MLS	SA6645

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
SA170	Planning Theory and the Context of Planning Dr. C. Moser and Dr. A. L. Hall	25/MLS	SA6740
SA171	Planning Methods (Workshop) To be announced	20/ML	SA6740
SA172	Social Policy and Planning in Developing Countries Dr. C. Moser and Dr. A. L. Hall	50/MLS	SA6760
SA173	Social Research Methods and Planning Techniques in Developing Countries Dr. M. I. A. Bulmer, Mr. D. F. J. Piachaud, Dr. A. L. Hall and Dr. C. Moser	35/MLS	SA173; SA6760
SA174	The Governmental Context of Development Dr. G. Philip	25/MLS	SA6740
SA175	Economic Aspects of Social Planning in Developing Countries — Class Mr. D. F. J. Piachaud	10/M	SA6740
SA177	The Planning of Family Welfare Services and Social Security — Seminar Mr. M. Reddin and Ms. Z. Adler	25/MLS	SA6742; SA6762
SA178	Rural Development — Seminar Dr. A. L. Hall	25/MLS	SA6743; SA6764
SA179	Social and Economic Aspects of Urbanisation Dr. C. Moser and Mr. D. Narine	26/MLS	SA6744; SA6763
SA180	Social Implications of Education — Seminar Dr. A. L. Hall	25/MLS	SA6745; SA6765
SA185	Legal Framework of Housing Studies: Housing Law Mr. M. Loughlin	10/L	SA6772
SA186	Housing Economics and Housing Finance Dr. C. M. E. Whitehead and Professor H. Glennerster	30/MLS	SA6773
SA187	Housing Policy and Administration Dr. A. Power	25/MLS	SA6770
SA188	Housing Management Ms. M. Brown	10/S	SA6770
SA195	Management Studies and Environmental Psychology Mr. D. Cornish and others	20/LS	SA6780
SA196	Building Studies Mr. M. Hatchett	25/MLS	SA6781
SA197	The Geography of Housing Professor D. Diamond	10/M	SA6782
SA200	Health Economics Professor B. Abel-Smith and others	25/MLS	SA6666

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
SA201	Health Economics — Seminar Professor B. Abel-Smith and others	12/MLS	SA6666
SA202	Basic Community Health Professor B. Abel-Smith, Dr. M. I. A. Bulmer and Dr. J. Lewis	30/MLS	SA6660
SA203	Basic Community Health — Seminar Professor B. Abel-Smith, Dr. M. I. A. Bulmer and Dr. J. Lewis	24/MLS	SA6660
SA204	Social Dimensions of Health Dr. J. W. Carrier and others	24/MLS	SA6667
SA205	Social Dimensions of Health — Seminar Dr. J. W. Carrier	15/MLS	SA6667
SA302	Perspectives on Social Problems Dr. S. Ramon and others	15/ML	SA6680; SA6681; SA6700; SA6701; SA6702
SA303	Human Growth and Behaviour Mrs. J. Smith, Miss Z. Butrym, Dr. S. Ramon and others	20/ML	SA6680; SA6681; SA6700; SA6702
SA305	Adult Psychiatry Dr. G. Strathdee	10/L	SA6680; SA6681; SA6700; SA6701; SA6702
SA306	Child Psychiatry	10/M	SA6680; SA6681; SA6700; SA6701; SA6702
SA307	Mental Handicap Dr. J. Clements	One-day Workshop/S	SA6680; SA6681; SA6700; SA6701; SA6702
SA308	Probation Policy and Practice Mr. H. B. Rees	10/M	SA6680; SA6700; SA6701
SA309	Introduction to Social Groupwork Mrs. P. Norton and Mr. N. Benefield	Two-day Workshop/L	SA6680; SA6700
SA310	Racism Awareness	Workshop/M	SA6680; SA6700
SA311	Social Policy and Administration Mr. M. Reddin and Professor H. Glennerster	15/ML	SA6700; SA6701

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
SA311(a)	Issues in Social Policy Seminars Professor H. Glennerster and Dr. S. Mangen	15/ML	SA6700; SA6701
SA312	The Social Work Special Studies Seminars Children and Families Mrs. J. Harwin and Mrs. R. Rachman Old Age, Health Issues and Disablement Miss Z. T. Butrym Mental Illness and Mental Health Dr. S. Ramon Crime and Delinquency Mr. D. Cornish and Mrs. J. Rumgay Marital and Family Interaction Mrs. N. Cohen and Mr. W. Colman	15/ML	SA6680; SA6681; SA6700; SA6701; SA6702; 6/S
SA313	Law, Rights and Social Work Professor M. Zander and others	14/LS	SA6680; SA6681; SA6700; SA6701; SA6772
SA314	Social Work Legislation Mr. H. B. Rees and others	5/S	SA6680; SA6700; SA6701;
SA315	Social Work Studies Miss Z. Butrym, Mrs. S. Stern, Mrs. R. Rachman and Dr. S. Ramon	27/MLS	SA6681; SA6700; SA6701; SA6702
SA316	Social Work Practice Mrs. J. Harwin and Mrs. G. Bridge	27/MLS	SA6700; SA6701; SA6702
SA318	Introduction to Social Work Mrs. J. Harwin	10/M	SA6680
SA319	Social Work Practice Mrs. R. Rachman, Mrs. E. Munro, Mrs. J. Harwin and Mrs. J. Rumgay	27/MLS	SA6680; SA6681
SA320	Psychology and Social Work Mr. D. Cornish	20/ML	SA6680; SA6681; SA6700; SA6702
SA321	Psychology and Social Work Seminars Mr. D. Cornish and Dr. N. Madge	15/ML	SA6680; SA6681
SA322	Social Research Seminars Mr. D. Cornish	25/MLS	SA6680
SA323	Introduction to Social Policy and Administration Professor H. Glennerster	10/M	SA6680

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SA323a	Introduction to Social Policy and Administration Seminars Dr. S. Mangen	15/ML	SA6680
SA325	Sociology Research Method Dr. M. I. A. Bulmer	5/L	SA6700
SA327	Personal Social Services Miss S. Sainsbury	10/M	SA6703
SA328	Social Policy Revision Mr. M. Reddin	4/S	SA6701; SA6703

Study Guides

SA113 Data Analysis for Social Policy and Administration

Teacher Responsible: Doreen Irving, Room A257 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for Diploma in Social Policy and Administration.

Scope: The course introduces students to computing with SCSS, the interactive version of the Statistical Package for the Social Sciences (SPSS). The uses of statistical techniques in social policy and administration are illustrated with examples of data from various sources.

Teaching Arrangements: 10 classes, Michaelmas Term.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

SA133 Media and Society: Research and Policy Issues, Broadcasting, the Press and New Communication Technologies

Teacher Responsible: Dr. M. Ferguson, Room A274 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for M.Sc. Soc. Pol., Soc. Psych., Pol. Soc., Soc.

Syllabus: The role of the media: a comparative approach to key issues in communications policy and research; the social, economic and political implications of old and new media technologies (e.g. cable television and direct satellite broadcasting); trends in media ownership; issues of press and broadcasting freedom with reference to media institutions, structures of regulation and finance. The media - audience - society relationship: message content; editorial processes; distribution and consumption patterns; cross-cultural implications.

Teaching Arrangements: Ten lectures (SA133) in the Lent Term.

Reading List: D. McQuail, *Mass Communication Theory*; E. Katz & T. Szecsko, *Mass Media and Social Change*; B. M. Compaigne et al., *Who Owns the Media? Concentration of Ownership in the Mass Communications Industry* (2nd edn.); M. Jussawalla & D. Lamberton (Eds.), *Communication Economics and Development*; T. L. McPhail, *Electronic Colonialism, the Future of International Broadcasting and Communication*; J. Curran & J. Seaton, *Power Without Responsibility, the Press and Broadcasting in Britain*; M. Ferguson (Ed.), *New Communication Technologies and the Public Interest*; R. E. Rice et al., *The New Media*; I. de Sola Pool, *Technologies of Freedom*.

Examination Arrangements: This course is non-examinable.

SA153 SA153a Social Policy Research

Teacher Responsible: Dr. M. Bulmer, Room A224 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for M.Sc. Soc. Pol. & Plan.; M.Phil.; Ph.D.; optional for M.Sc. Soc. Pol. & Soc. Work.

Scope: Methodological problems of social research into social policy; interdisciplinary relationships in a research setting. Types of enquiry: (a) theory-testing; (b) description; (c) policy-evaluation; (d) action-research. Problem selection and concept definition. Research design. Data collection. Data analysis. Quantitative methods in policy research. Polling and attitude surveys. Population projections. Uses and limitations of social indicators. The application of social research; its place in the policymaking process.

Teaching Arrangements: Weekly lectures and seminars, Michaelmas Term (SA153 and SA153a).

Reading List: M. Bulmer, *The Uses of Social Research*; M. Bulmer (Ed.), *Social Policy Research*; M. Bulmer, *Social Science and Social Policy*; A. Ryan (Ed.), *The Philosophy of Social Explanation*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; M. & C. W. Sherif, *Interdisciplinary Relationships in the Social Sciences*; A. Forder, *Concepts in Social Administration*; C. Sellitz, *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; E. R. Tuft, *The Quantitative Analysis of Social Problems*; R. Lees, *Research Strategies for Social Welfare*; M. Susser, *Casual Thinking in the Health Sciences*; A. S. C. Ehrenberg, *Data Reduction*; P. R. Cox, *Demography*; W. J. M. Mackenzie, *Biological Ideas in Politics*; M. Spiers, *Techniques and Public Administration*; A. Shonfield and S. Shaw, *Social Indicators and Public Policy*; O. Morgenstern, *On the Accuracy of Economic Observations*; T. Tripodi, *Uses and Abuses of Research in Social Work*; E. Suchman, *Evaluative Research*; M. Shipman (Ed.), *The Organisation and Impact of Social Research*; M. Rein, *Social Science and Public Policy*; J. Barzun and H. E. Graff, *The Modern Researcher*; M. Bulmer (Ed.), *Social Research and Royal Commissions*; D. Rhind, *A Census User's Handbook*.

SA159 Data Analysis for Social Policy and Planning

Teacher Responsible: Doreen Irving, Room A257 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for M.Sc. Social Policy and Planning.

Scope: The course introduces students to computing with SCSS, the interactive version of the Statistical Package for the Social Sciences (SPSS). The uses of statistical techniques in social policy and planning are illustrated with examples of data from various sources.

Teaching Arrangements: 10 seminars, Michaelmas Term.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

SA160 Seminars in Social Policy

Teacher Responsible: Dr. D. M. Downes, Room A237 (Secretary, Elizabeth Plumb, A280) and Dr. J. Carrier, Room A238, (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for Staff and graduate students.

Scope: Presentation and discussion papers based on research in progress.

Teaching Arrangements: Sessional seminars.

SA161 Social Research and Social Administration (Seminar)

Teachers Responsible: Professor B. Abel-Smith, Room A243 (Secretary, Caroline Raffan, A244), Dr. M. Bulmer, Room A224 (Secretary, Caroline Raffan, A244) and Dr. J. Lewis, Room A259 (Secretary, Mrs. D. Young, A280)

Course Intended Primarily for M.Phil and Ph.D. students.

Scope: This seminar provides an opportunity for graduate students to examine different methodological approaches and consider methodological problems encountered in the planning, conduct and writing up of individual pieces of research carried out for a higher degree by thesis. Considerable emphasis is placed on the needs of individual students. The seminar is divided into two parts, which meet on alternate weeks: (i) research in social policy and administration: a seminar with an emphasis upon substantive research and the presentation of research results; (ii) methodological strategy: a seminar with an emphasis upon the planning and procedures of empirical research in the social policy field, which leads on to seminar SA162.

Reading List: J. Barzun and H. E. Graff (Eds.), *The Modern Researcher*, A. Ryan (Ed.), *The Philosophy of Social Explanation*; H. W. Smith, *Strategies of Social Research: the methodological imagination*; R. Wax, *Doing Field Work: Warnings and Advice*; J. Robinson, *Economic Philosophy*; A. J. Culyer, *The Political Economy of Social Policy*; E. H. Carr, *What is History?*; M. Carley, *Social Measurement and Social Indicators*; M. Rein, *Social Science and Public Policy*; R. Plant et al., *Political Philosophy and Social Welfare*; M. Bulmer, *Social Science and Social Policy*.

SA162 Research Design and Data Collection for Social Policy and Industrial Relations (Seminar)

Teachers Responsible: Dr. M. Bulmer, Room A224 (Secretary, Caroline Raffan, A244), Dr. S. J. Wood (Industrial Relations) Room H802 (Secretary Mrs. A. S. Morris, H808), and Dr. Jane Lewis, Room A259 (Secretary Mrs. Doreen Young, A280).

Course Intended Primarily for M.Phil. and Ph.D. students in Social Science and Administration and in Industrial Relations, but open to other interested research students.

Scope: This seminar is intended to give students a grounding in practical research methodology which

will be of use to them in planning and carrying out the research for their thesis. The seminar will focus upon different aspects of research design and more particularly, data collection in empirical social research. It is designed to complement other graduate seminars which discuss problem selection, the formulation of a researchable thesis topic, and the analysis of data. The topics covered will be (1) Research strategy; (2) Research access and research ethics; (3) Selection of units for study; (4) Data collection using historical sources; (5) Questionnaire construction; (6) Interviewing; (7) Observational Methods; (8) Documentary Sources; (9) Secondary Analysis; (10) Problems of Writing up Research.

Teaching Arrangements: A weekly early evening seminar (6.00 p.m. start) throughout the Lent Term.

Reading List: L. Kidder, *Research Methods in Social Relations*; S. D. Sieber, "The Integration of Fieldwork and Survey Methods" (*American Journal of Sociology*, 1973); C. Brown et al., *The Access Casebook*; B. Hedges "Sampling Minority Populations", in M. Wilson (Ed.), *Social and Educational Research in Action*; C. Tilly, *As Sociology Meets History*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; R. L. Gorden, *Interviewing*; R. Burgess (Ed.), *Field Research*; J. Platt, "Evidence and Proof in Documentary Research" (*The Sociological Review*, 1981); C. Hakim, *Secondary Analysis in Social Research*; D. Madsen, *Successful Dissertations and Theses: a guide to graduate student research*; D. Sternberg, *How To Complete and Survive a Doctoral Dissertation*.

A full reading list will be provided at the first meeting of the seminar.

SA163 Data Analysis for Research in Social Administration

Teacher Responsible: Doreen Irving, Room A257 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for research students in Social Administration.

Scope: The course introduces students to computing with SCSS, the interactive version of the Statistical Package for the Social Sciences (SPSS). The uses of statistical techniques for research in social administration are illustrated with examples of data from various sources.

Teaching Arrangements: 10 seminars, Lent Term.

Examination Arrangements: This course is not examined and is not intended as preparation for any particular examination.

SA173 Social Research Methods and Planning Techniques in Developing Countries

Teachers Responsible: Dr. M. Bulmer, Room A224, (Secretary Mrs. C. Raffan, A244), Mr. D. Piachaud, Room A284, Dr. A. Hall, Room A260 and Professor H. Glennerster, Room A279.

Course Intended Primarily for M.Sc. Social Planning in Developing Countries. Other interested graduate students may attend the Michaelmas Term lectures.

Scope: Theories and methods of social research and planning techniques in developing countries. Limitations of official statistics. Social indicator construction. Descriptive and analytic surveys; sampling; questionnaire construction and interviewing; analysis of data. Ethnographic research. Evaluation research. The ethics and politics of research. Operational research techniques. Cost benefit analysis. Project appraisal.

Teaching Arrangements: 10 lectures, Michaelmas Term, Dr. Bulmer; and 25 workshops, Michaelmas, Lent and Summer Terms, various teachers.

Reading List: M. Bulmer & D. P. Warwick (Eds.), *Social Research in Developing Countries: Surveys and Censuses in the Third World*; J. Midgley & D. Piachaud (Eds.), *The Fields and Methods of Social Planning*; M. Bulmer, *Social Science and Social Policy*; M. D. Morris, *Measuring the Condition of the World's Poor*; J. Hilhorst & M. Klatter, *Level of Living Indicators and Social Development*; A. K. Sen, *Poverty and Famines*; D. Casley & D. Lury, *Data Collection in Developing Countries*; M. Peil, *Social Science Research: an African Handbook*; D. P. Warwick & C. Lininger, *The Sample Survey: Theory & Practice*; R. Bilsborrow et al, *Migration Surveys in Low Income Countries*; W. Petersen, *Population*; R. H. Cassen, *India: Population, Economy, Society*; J. Cleland & J. Hobcraft (Eds.), *Reproductive Change in Developing Countries*; D. P. Warwick, *Bitter Pills*; C. H. Weiss, *Evaluation Research*; R. Burgess (Ed.), *Field Research*; M. Agar, *The Professional Stranger: an informal introduction to ethnography*; R. L. Ackoff & M. Sasieni, *Fundamentals of Operational Research*; W. E. Duckworth, A. E. Gear & A. G. Lockett, *A Guide to Operational Research*; J. Lighthill, *Newer Uses of Mathematics*; R. Layard (Ed.), *Cost Benefit Analysis*; E. Mishan, *Elements of Cost Benefit Analysis*; P. Dasgupta et al, *Guidelines for Project Appraisal*.

SA5600

Introduction to Social Policy

Teacher Responsible: Professor B. Abel-Smith, Room A243 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for B.Sc. (Econ.) Parts I and II. B.Sc. course unit, outside option.

Scope: The course aims to give a general introduction to social policy.

Syllabus: Ideas about social policy: the contribution of social and political theorists and economists: debates about the appropriate scale and nature of government interventions; the changing and conflicting definitions of citizenship, freedom and distributive justice; the social division of welfare.

The course examines how certain social and economic needs of individuals and groups are identified; how policies are formulated; and how government bodies sometimes change their structure in response to these perceived needs; how policies are administered, and revised in response to changing circumstances; the impact of interest groups and changing technology; the debate about planning, resources and manpower.

These topics will be illustrated by reference to selected pieces of social legislation in the fields of health,

housing, social security, education, the personal social services and employment. The main focus will be on Great Britain, but comparative material from other societies will also be used.

Pre-Requisites: None required. Students with some knowledge of British History 1800 to the present day, economics, and sociology will be able to use this knowledge.

Teaching Arrangements: One lecture course accompanied by a class.

Lectures: SA100 23 Michaelmas, Lent and Summer Terms

Classes: SA100(a) 10 Michaelmas, 10 Lent, 3 Summer Term

Michaelmas Term: work will cover a comparative social policy and social policy innovation in Britain 1800-1950.

Lent Term: work will cover the assessment of the impact of social policy.

Summer Term: the institutional framework within which social policy operates will be discussed.

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: No single book covers the entire syllabus. The following are useful introductory texts one or two of which students might wish to buy:

T. H. Marshall, *Social Policy*, Hutchinson, 1975; M. Brown, *Introduction to Social Administration* (Fifth edn.), Hutchinson, 1982; R. M. Titmuss, *Social Policy: An Introduction*, Allen and Unwin, 1975; D. V. Marsh, *The Welfare State* (Second edn.), Longmans, 1980; W. A. Robson, *Welfare State and Welfare Society*, Allen and Unwin, 1976; J. Le Grand & R. Robinson, *The Economics of Social Problems*, Macmillan, 1976; D. Fraser, *The Evolution of the British Welfare State*, Macmillan, 1973; M. Hill, *Understanding the Welfare State*, Basil Blackwell and Martin Robertson, 1982. Full bibliographies will be provided with the programme of class topics.

Examination Arrangements: There is a three-hour examination in the Summer Term. The paper contains 15 questions of which four are to be answered. Each question is allocated equal marks.

SA5612

History of Social Policy in the 19th and 20th Centuries

Teacher Responsible: Dr. J. Lewis Room A259 (Secretary, Doreen Young, A280)

Course Intended Primarily for B.Sc. Soc. Policy & Admin. first year students, for whom it is compulsory, and optional for Diploma Soc. Pol. and Admin. Option I.

Scope: Aims to give students a knowledge of the development of social policy in the 19th and 20th centuries and the context in which it emerged.

Syllabus: The relationship of government, politics, social structure and economic changes to social policy. The influence of social, political and economic thought. The influence of war; the impact of industrial and demographic change; occupational stratification; the development of the social services. The role of pressure groups and voluntary organisations in policy

formation. The development of public administration and the making of social policy.

Teaching Arrangements: Lectures (SA101) 20, Sessional, and (SA102), 20, Michaelmas and Lent Terms.

Classes (SA101a), one 1½ hour class each week.

Written Work: Students will be expected to hand in one essay per term to their class teacher. It is also expected that students will read for classes and contribute to class discussion.

General Reading List: Texts: The following are useful for reference purposes, especially if you have no prior knowledge of the period. R. K. Webb, *Modern England*; D. Read, *England, 1868-1914*; F. Betharida, *A Social History of England 1851-1975*; A. Marwick, *Britain in the Century of Total War*; Asa Briggs, *The Age of Improvement*; G. Best, *Mid-Victorian 1851-75*. On economic history the following texts are recommended:

P. Mathias, *The First Industrial Nation*; Phylis Deane, *The First Industrial Revolution*; W. Ashworth, *Economic History of England 1870-1939*; R. Floud & D. McCloskey, *Economic History of Britain*, especially Vol. II; E. J. Hobsbawm, *Industry and Empire*.

On the development of social policy the following are useful for reference:

D. Fraser, *The Evolution of the Welfare State*; M. Bruce, *The Coming of the Welfare State*; D. Roberts, *Victorian Origins of the British Welfare State*; B. B. Gilbert, *The Evolution of National Insurance*; *British Social Policy 1914-39*; Pat Thane, *The Foundations of the Welfare State*; Paul Barker (Ed.), *Founders of the Welfare State*.

Your class reading lists which will be distributed by class teachers are very important and we have tried to star the particularly crucial material on these.

Examination Arrangements: Three-hour examination in Summer Term.

SA5613

Sociology and Social Policy

Teacher Responsible: Dr. D. M. Downes, Room A237 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for B.Sc. Social Policy and Administration, first year students.

Scope: The aim of the course is to introduce students to major themes and perspectives in social theory, as a preparation for their more detailed examination in relation to social policy issues throughout the course.

Syllabus: The course will be in two parts:

1 An introduction to elements of social theory, and their implications for, and relationship to, political choice and social policy; comprising basic concepts in the analysis of social stratification, the distribution of power, modes of organisation, roles and social action in modern industrial societies.

2 Introduction to sociology and social policy in relation to a number of substantive fields in modern Britain such as demography, health, education; poverty and income distribution; housing and urban and regional planning; deviance and control; the mass media; and race relations.

Pre-Requisites: None.

Teaching Arrangements: Lecture course and associated classes.

Lectures: SA109 **Sociology and Social Policy**, given by Dr. Downes and others. 25 weekly lectures, Sessional. Classes: SA109(a). Classes are weekly, 1 hour long.

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 and H. Newby, *The Problem of Sociology*; T. Bilton, et al, *Introductory Sociology*; D. Thompson (Ed.), *Political Ideas*; W. G. Runciman, *Social Science and Political Theory*; R. A. Pinker, *Social Theory and Social Policy*; H. Stuart Hughes, *Consciousness and Society*; R. A. Nisbet, *The Sociological Tradition*; P. Berger, *Invitation to Sociology*; A. Giddens, *Capitalism and Modern Social Theory*; D. Silverman, *The Theory of Organisations*; L. Coser, *Masters of Sociological Theory*; C. Wright Mills, *The Sociological Imagination*; J. Westergaard & H. Resler, *Class in a Capitalist Society*; I. Reid, *Social Class Differences in Britain* (2nd edn.); A. H. Halsey, *Change in British Society*; M. Bulmer (Ed.), *Social Policy Research*.

Examination Arrangements: Three-hour paper in the Summer Term; four questions to be answered.

SA5614

Social Economics

Teacher Responsible: David Piachaud, Room A284 (Secretary, Mrs. Doreen Young, A280)

Course Intended Primarily for B.Sc. Social Policy and Administration, 1st year.

Scope: Introduction to economics and its application to social policy.

Syllabus: The nature of the economic problem. The price mechanism and economic efficiency. Allocation problems in capitalist and centrally planned economies. The role of the state in economic activity. The demand for and supply of social services. The incidence of taxes and benefits. The determination of wages; the role of trade unions; minimum wage legislation. The distribution of incomes; policies of income redistribution. The application of economic analysis to the allocation of resources in the public sector.

Pre-Requisites: None.

Teaching Arrangements: Lectures: **Social Economics** (SA130), 20 lectures, Michaelmas and Lent Terms, given by David Piachaud. Classes: 25 classes.

Written Work: Essays and class presentations will be required for classes.

Reading List: J. Le Grand & R. Robinson, *The Economics of Social Problems*; A. B. Atkinson, *The Economics of Inequality*; A. Williams & R. Anderson, *Efficiency in the Social Services*; R. Layard, M. Stewart & D. Piachaud, *The Causes of Poverty*.

Examination Arrangements: Three-hour paper in the Summer Term; four questions to be answered.

SA5620

Social Administration

Teacher Responsible: Dr. Peter Levin, Room A251 (Secretary, Doreen Young, A280)

Course Intended Primarily for B.Sc. Social Policy and Administration, 2nd year; B.Sc. (Econ.) XXIII Social

Policy, 2nd year; other B.Sc. (Econ.) students who may take the subject in Part II as a 'paper taught outside the Department'.

Scope: The aim of the course is to introduce students to the study of the processes of making and administering social policy in Britain, and to equip them with a basic methodology for exploring and analysing these processes and explaining the "policy manifestations" that emerge from them.

Syllabus: The course deals with processes of several different kinds: (1) Processes leading up to the enactment and implementation of social policy legislation; (2) The making of decisions on public expenditure at central level; (3) The interaction between central government and local authorities over policies which are adopted by the former but administered or implemented by the latter; (4) The process of innovation, resolving issues, and meeting needs from day to day to go on within social services organisations such as the National Health Service and local government; (5) Processes that involve encounters between the citizen and state agencies – the obtaining of welfare benefits, whether as a matter of statutory right or officials' discretion, and the redress of grievances through tribunals or ombudsmen. We seek to explain the forms that these processes take and the outcomes that they have by examining (a) the motivations, interests and powers of the various 'actors' and the parts that these actors play; (b) the input of facts and ideological values and their influence on perceptions and decisions; (c) the effects of the structure of the policy-making and administrative 'system' as manifested in – for example – the departmental structure of British central government, the relationships between government ministers and civil servants, and the division of power and responsibility between central government and local authorities; (d) the social, economic and political context.

The course makes considerable use of published case-study 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 I either **Modern Politics and Government, with special reference to Britain**, or **English Legal Institutions**, but this is not essential. A sufficient background can be obtained by reading during the summer vacation (see reading list below).

Teaching Arrangements: There is a course of 10 lectures, **Explaining Social Policy** (SA104), given by **Dr. Levin** in the Michaelmas Term; he also holds weekly one-hour classes (SA104a).

Written Work: Students are strongly recommended to submit a minimum of two essays during the course, not least as a means of finding out what the examiners will be looking for at the end of the year. Students are not expected to give oral presentations at classes, but they are required to have prepared for the class by reading beforehand. A class may be terminated if it transpires that insufficient preparation has been done to sustain an informed discussion.

Reading List: Some at least of the following texts, which give a background in British government and

politics, must be read before the beginning of the course: J. Greenwood & D. Wilson, *Public Administration in Britain*; J. P. Mackintosh, *The Government and Politics of Britain* (5th edn.); R. Rose, *Politics in England Today*; A. H. Hanson & M. Walles, *Governing Britain* (4th edn.); B. Headey, *British Cabinet Ministers*; R. M. Punnett, *British Government and Politics*; S. A. Walkland & M. Ryle, *The Commons Today*; P. G. Richards, *The Backbenchers*; R. G. S. Brown & D. R. Steel, *The Administrative Process in Britain*; P. Kellner & Lord Crowther-Hunt, *The Civil Servants*; A. Alexander, *Local Government in Britain since Reorganisation*; H. Elcock, *Local Government*; J. J. Richardson & A. G. Jordan, *Governing Under Pressure*.

The following texts are representative of the case-study material used: K. G. Banting, *Poverty, Politics and Policy*; M. J. Barnett, *The Politics of Legislation*; D. V. Donnison *et al.*, *Social Policy and Administration Revisited*; J. Edwards and R. Batley, *The Politics of Positive Discrimination*; P. Hall *et al.*, *Change, Choice and Conflict in Social Policy*; P. Hall, *Reforming the Welfare*; H. Hecló & A. Wildavsky, *The Private Government of Public Money*; A. J. Willcocks, *The Creation of the National Health Service*.

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 usually 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. Bulmer**, Room A224 (Secretary, Caroline Raffan, A244), and **Mrs. D. Irving**, Room A257 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for B.Sc. Social Policy and Administration, Second year students, Paper 7; B.Sc. (Econ.) XXIII Social Policy Paper 7 (g)

Scope: The paper aims to give students a comprehensive introduction to methods of social research with a statistical emphasis.

Syllabus: 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** (Mrs. Irving): lectures, SA114, 10 Michaelmas Term; classes, SA114(a), 20 Michaelmas and Lent Terms.

(b) **Methods of Social Investigation (Dr. Bulmer):** lectures (with **Dr. Husbands**), SA115, 20 Michaelmas and Lent Terms; classes, SA115(a) 5 Michaelmas Term and 10 Lent Term.

Written Work: For **Dr. Bulmer's Methods of Social Investigation** class students are required (a) to make one or two verbal presentations of about 20 minutes at a class during the two terms, (b) to write two essays, one in each term, of about 1,500-2,000 words on a topic prescribed at the beginning of the term. In these classes active verbal participation by students is expected throughout.

For **Mrs. Irving's** 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:

A. Social Investigation

The recommended text for the lecture course is L. H. Kidder, *Research Methods in Social Relations*.

The following will also be frequently consulted: M. Bulmer (Ed.), *Sociological Research Methods*; G. Rose, *Deciphering Sociological Research*; H. M. Blalock, *An Introduction to Social Research*; C. Sellitz *et al.*, *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; M. Stacey, *Methods of Social Research*; C. Marsh, *The Survey Method*; S. Stouffer, "Some Observations on Study Design" (*American Journal of Sociology*, 1955); M. Rosenberg, *The Logic of Survey Analysis*; H. Zeisel, *Say it with Figures*; E. J. Webb *et al.*, *Unobtrusive Measures*; HMSO, *Social Trends* (annually); B. Edwards, *Sources of Social Statistics*; A. Shonfield & S. Shaw, *Social Indicators and Social Policy*; M. Carley, *Social Measurement and Social Indicators*; D. T. Campbell & J. C. Stanley, *Experimental and Quasi-Experimental Designs for Research*; G. J. McCall & J. L. Simmons (Eds.), *Issues in Participant Observation*; I. Deutscher, *What we Say/What we Do*; E. H. Carr, *What is History?*; L. Gottschalk, *Understanding History*; K. Popper, *The Poverty of Historicism*; E. Nagel, *The Structure of Science*; M. Weber, *The Methodology of the Social Sciences*; G. Myrdal, *Value in Social Theory*; G. Sjöberg (Ed.), *Politics, Ethics and Social Research*; L. Rainwater & W. L. Yancey (Eds.), *The Moynihan Report and the Politics of Controversy*; W. G. Runciman, *Social Science and Political Theory*; M. D. Shipman, *The Limitations of Social Research*; M. Bulmer (Ed.), *Social Policy Research*.

The lecture reading list and the reading list for **Dr. Bulmer's** classes provide basic guidance on reading for this part of the course.

B. Statistics and Computing

B. H. Erikson & T. A. Nosanchuk, *Understanding Data*; D. Rowntree, *Statistics Without Tears*; Hunt & Shelley, *Computers and Common Sense*; D. C. Pitt & B. C. Smith, *The Computer Revolution in Public*

Administration; A. S. C. Ehrenberg, *Data Reduction*; N. H. Nie *et al.*, *A User's Guide to the SCSS Conversational System*; HMSO, *Social Trends* (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 by 15 May 1987.

SA5623

Social Structure and Social Policy

Teacher Responsible: **Dr. Marjorie Ferguson**, Room A274 (Secretary, Caroline Raffan, A244)

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.

Scope: 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.

Syllabus: The impact of economic, social, and cultural change on the structure of industrial society and an examination of social policy responses to those changes. A range of social institutions, processes and policies will be analysed: social stratification; race relations and ethnic groups; sex and gender roles; changing family occupational and demographic structures; the education system; bureaucracy and organisations; the professions; the media; deviance; religion and belief systems.

Pre-Requisites: None.

Teaching Arrangements: Lectures So120 **Social Structure of Modern Britain** Sessional (**Professor Morris et al.**); 25 weekly classes: SA110a **Social Structure and Social Policy** sessional (**Dr. Ferguson**). **Written Work:** Students are expected to prepare one or more class papers each term, and write one class essay per term.

Reading List: 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*; B. Simon, *Does Education Matter?*; HMSO, *Education for All* (The Swann Report) Cmnd 9453, 1985; *The Development of Higher Education into the 1990s* Cmnd 9524, 1985; *The Brixton Disorders: Report of Inquiry by Lord Scarman* (The Scarman Report) Cmnd 8427, 1982; J. Lipman-Blumen & J. Bernard, *Sex Roles and Social Policy*; L. Segal (Ed.), *What is to be Done About the Family?*; B. Abel-Smith, *Marriage, Parenthood and Social Policy*; J. Tunstall, *The Media in Britain*; J. Curran & J. Seaton, *Power Without Responsibility*; T. Johnson, *Professions and Power*; G. Salaman & K. Thompson, *People and Organisations*; P. Abrams (Ed.), *Work, Urbanism and Inequality*.

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: Mike Reddin, Room A281 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for B.Sc. Econ. XXIII Social Policy (paper 2); B.Sc. Soc. Policy and Admin. 3rd year (paper 9).

Scope: The range of theoretical approaches to social policy, and the economic and social impact of such policies.

Syllabus: 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, historically and comparatively from the perspectives of the different 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; freedom and authority; rights and duties; law and discretion; justice and punishment. It considers the concepts of need, rationing and resource allocation particularly in the field of public expenditure. It looks at the distributive and redistributive impact of policies and at the varied forms of State intervention in the mixed economy of welfare.

Pre-Requisites: Students who are taking no other social policy paper will be helped if they attend course SA102 **The Foundations of Post-War Social Policy**. Students will gain most if they have some general understanding of UK social, economic and political institutions.

Teaching Arrangements: The weekly lectures (SA103) **Social Policy** are followed by 1½ hour classes. The lectures are shared between **John Carrier, Howard Glennerster** and **Mike Reddin**. Each of these teachers is responsible for all the classes on a termly basis. Classes: SA103(a) B.Sc. S.P. & A. and B.Sc. (Econ.) Part II: Michaelmas (**Mike Reddin**, Room A281), Lent (**John Carrier**, A238) and Summer (**Howard Glennerster**, Room A279).

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: R. M. Titmuss, *Social Policy: An Introduction*; R. A. Pinker, *The Idea of Welfare*; P. Hall et al., *Change, Choice and Conflict in Social Policy*; H. Glennerster, *Paying for Welfare*; J. Rawls, *A Theory of Justice*; W. G. Runciman, *Relative Deprivation and Social Justice*; R. Mishra, *Society and Social Policy*; *The Crisis in the Welfare State*; I. Gough, *The Political Economy of the Welfare State*; R. Plant et al., *Political Philosophy and Social Welfare*; K. Banting, *Poverty, Politics and Policy*; M. Adler & Asquith, *Discretion and Welfare*; P. Taylor-Gooby & J. Dale, *Social Theory and Social Welfare*; J. Higgins,

States of Welfare; M. Brown & N. Madge, *Despite the Welfare State*; A. Weale, *Social Theory and Social Policy*; J. Le Grand, *The Strategy of Equality*; M. Ignatieff, *The Needs of Strangers*; R. Klein and M. O'Higgins, *The Future of Welfare*.

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: Dr. D. M. Downes, Room A237 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for B.Sc. Degree in Social Policy and Administration, third year. Also for third year B.Sc. (Econ.) Social Policy option.

Scope: The aim of the course is to enable students to examine major issues in social and political theory, and their relation to social policy.

Syllabus:

(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, including Locke, Rousseau and the Enlightenment, Utilitarianism and developments in socialist theory, Burke and conservative philosophies.

(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. Approaches included are Marxism; the work of Durkheim, Weber and Spencer; functionalism and action theory; critical theory; symbolic interactionism, and phenomenological approaches. A concern throughout is to discern the implications of these approaches for social policy and political activity.

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: So106: **Sociological Theory**, given by **Dr. Mann** (S778; Secretary: Ms. Y. Brown, S656) 20 lectures, weekly, Michaelmas and Lent Terms. And **Political Theory and Social Policy** (SA120), given by **Miss C. Farsides**, fortnightly.

25 weekly classes (SA120b) for students in their 3rd Year by **Dr. Downes**, which cover the sociological and selected political aspects of the course, and 10 fortnightly classes by **Miss Farsides** focus on **Political Theory**. 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, *Men 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*; A. Giddens, *New Rules of Sociological Method*; E. Gellner, *Legitimation of Belief*; T. Bottomore & R. Nisbet (Eds.), *A History of Sociological Thought*.

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: Dr. Marjorie Ferguson, Room A274 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for B.Sc. Social Policy and Administration 2nd and 3rd year students; B.Sc. (Econ.) Part II; B.Sc. course unit.

Scope: The course deals mainly with educational policy making in Britain – its decision-making processes, institutional power structure and forms of finance and provision at all levels from pre-school to higher education.

Syllabus: The formation of educational policy in Britain, the role of central and local government, school governing bodies, professional organisations and pressure groups. The 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: Ten lectures in the Michaelmas Term (SA121) and 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 are some key texts. Detailed bibliographies will be given out with the class programme.

E. G. West, *Education and the State*; E. E. Rich, *The Education Act 1870*; P. H. J. H. Gosden, *Education in the Second World War*; A. H. Halsey et al., *Origins and Destinations*; A. Corbett, *Much to do about Education*; W. Richmond, *Education in Britain since 1944*; M. Rutter et al., *Fifteen Thousand Hours*; D. Lawton, *The Politics of the School Curriculum*; M. Kogan, *The Politics of Educational Change*; *Educational Policy Making*; P. Lodge & T. Blackstone, *Educational Policy and Educational Inequality*; C. Baxter et al., *Economics and Educational Policy*.

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 classes.

SA5731**Personal Social Services**

Teacher Responsible: Sally Sainsbury, Room A250 (Secretary, Doreen Young, A280)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. Social Policy and Administration; B.Sc. course unit.

Scope: The development and operation of the personal social services in Britain.

Syllabus: 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), 25 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; K. Jones, *Opening the Door*; RKP, 1975, B. M. Rodgers & J. Stevenson, *New Portrait of Social Work*, OUP, 1973; *Report of the Committee on Local Authority and Allied Personal Social Services*, (Seebohm), Cmmd. 3703, 1968; P. Hall, *Reforming the Welfare*, Heinemann, 1976; B. Davies, *Social Needs and Resources in Local Service*, Michael Joseph, 1968; E. Sainsbury, *Personal Social Services*, Pitman, 1977.

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 (Secretary, Doreen Young, A280)

Course Intended Primarily for B.Sc. Social Policy and Administration; B.Sc. (Econ.) XXIII, 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.

Scope: 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, i.e. by taking certain issues and exploring what lies behind them. The course deals mainly with England and Wales, although there is a comparative component.

Syllabus: This course can be divided into five parts:

1. *The Housing System in Britain:* This part of the course looks at housing on a national scale, and provides a background to the following parts. It covers the pattern of tenures and major changes, such as the decline in private renting and the growth of 'alternative' forms of tenure; it also tackles the question of whether there is a national housing problem, and the need and scope for action by central government.

2. *How Cities Work:* Here we put housing in the context of other elements of urban structure – social, physical, economic – and ask, among other questions, what determines where people of different social class live. We look at the changes currently taking place in population, housing and employment, and ask how these changes are related. There is some emphasis on the problems of inner urban areas, and we ask what lessons have been learned from the Community Development Projects and the Inner Area Studies. We also look at the way the town planning system has operated, and put the classic questions: who gains? who loses? who decides?

3. *Housing at Local Level:* Here we are concerned with questions of who gets what in housing, and why, paying particular attention to the role of local authorities and other 'urban managers' or gatekeepers. So we ask, for example, who becomes homeless, and why, and how do local authorities respond to it. Are ethnic minorities relatively worse housed than other people? Has the 1974 Rent Act, which gave security of tenure to many 'furnished' tenants, made it more difficult for newcomers to the housing market to find somewhere to live? Why do some local authorities have hard-to-let accommodation at the same time as long waiting lists? Are tenant co-ops the solution to the problem of how to manage local authority estates?

4. *Problems of Run-down Housing:* This part of the course looks at 'gentrification' and other processes that are going on in some inner areas, and at the way in which local authorities have been facing the issue of whether to improve run-down housing or to pull it down and build anew. We ask what the social costs of rehabilitation and redevelopment are, and whether the people on the receiving end might with advantage be enabled to participate in the decisions that will affect them.

5. *New Towns and 'Overspill':* We look at new towns and 'town development' schemes with two questions in mind. To what extent have the planners and development corporations been successful in creating balanced and self-contained communities? And what contribution – if any – have these developments made to solving the problems of inner London and other cities?

Pre-Requisites: Students who have taken introductory courses in one or more of 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: There is a course of ten lectures (*Urban Planning and Housing Policies*, SA125) given by **Dr. Levin** in the Michaelmas Term;

he also holds weekly classes (SA125a) of 1½ hours duration during the session. 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 strongly recommended that students should in addition submit a minimum of two essays during a year, not least as a means of finding out what the examiners will be looking for at the end of the year.

Reading List: The following introductory texts are recommended: K. Bassett & J. Short, *Housing and Residential Structure*; J. R. Short, *Housing in Britain*; D. V. Donnison & C. Ungerson, *Housing Policy*; P. Hall (Ed.), *The Inner City in Context*; G. Kirk, *Urban Planning in a Capitalist Society*; S. Lansley, *Housing and Public Policy*; P. Lawless, *Britain's Inner Cities*; A. Murie et al., *Housing Policy and the Housing System*.

More 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

Teacher Responsible: Professor Brian Abel-Smith, Room A243 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for B.Sc. (Econ.) Part II. B.Sc. Social Policy and Administration; B.Sc. course unit; Optional for Dip. Soc. Pol. & Admin. (Option I).

Scope: 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.

Syllabus: 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 composed of 20 lectures given by **Professor B. Abel-Smith, Dr. Carrier** and **Ms. A. Mills**. Each lecture is supported by a one-hour class. Classes (SA126a) continue after the lecture course has finished, and extend into the Summer Term. 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) £5.50; *The National Health Service: The First Thirty Years* (HMSO, 1978) (out of print, available in LSE Library); L. Garner, *The NHS: Your Money or Your Life* (Penguin, 1979) £1.25; *Report of the Royal Commission on the National Health Service*, Cmnd. 7615 Chairman, Sir Alec Merrison, (HMSO, July 1979) £8.00; P. Townsend & N. Davidson, *Inequalities in Health* (The Black Report) (Penguin, 1982) £2.50; B. Watkin, *The National Health Service: The First Phase 1948-74 and After* (G. Allen & Unwin, 1980) £4.95; J. A. Muir Gray, *Man Against Disease. Preventive Medicine* (Oxford University Press, 1979); Christopher Ham, *Health Policy in Britain* (The Macmillan Press, 1982); R. Klein, *The Politics of Health* (Longman, 1983); J. P. Martin, *Hospitals in Trouble* (Basil Blackwell, 1984). 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: For undergraduates reading for a three-year degree. A formal three-hour written examination. The usual format requires students to answer four questions out of a choice of 14/15; all carry equal marks. For other students (General Course, Diploma) there are no formal examinations, but individual requirements for assessment are met by students sitting the formal examination or a combination of course assessment and an advance notice paper. M.Sc. students take a formal examination in the Planning of Health Services course.

SA5734

Sociology of Deviance and Control

Teacher Responsible: Dr. D. M. Downes, Room A237 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for B.Sc. degree in Social Policy and Administration, second or third year; B.Sc. (Econ.) Social Policy Option, second or third year; B.Sc. course unit, second or third year.

Scope: 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.

Syllabus: Detailed consideration is given to the major sociological perspectives on deviance and control, 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 **Dr. Downes** and **Dr. Rock** (Room S875; Secretary, Elaine Hartwell, A453). There are ten lectures, one per week in the Lent Term only.

Classes: SA128(a): 20 weekly classes. Classes are one and a half hours long; the teacher is **Dr. 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*; H. Becker, *Outsiders*, 2nd edn.; A. K. Cohen, *Deviance and Control*; 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*; 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.

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

Teacher Responsible: David Piachaud, Room A284 (Secretary, Doreen Young, A280), and Mike Reddin, Room A281 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for B.Sc. (Econ.) 2nd or 3rd year; B.Sc. Soc. Pol. course unit 2nd or 3rd year.

Syllabus: 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 old, 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: B. B. Gilbert, *The Evolution of National Insurance in Great Britain and British Social Policy 1914-1939*; A. B. Atkinson, *Economics of Inequality*; V. George, *Social Security and Society and Social Security Beveridge and After*; J. Walley, *Social Security: Another British Failure?*; L. McClements, *The Economics of Social Security*; P. Townsend, *Poverty in the United Kingdom*.

Examination Arrangements: The examination in the Summer Term consists of a three-hour paper in which four questions have to be answered.

S5751

Social Theory and Social Policy 1870-1918

(Not available 1986-87)

Teacher Responsible: Dr. Jane Lewis, Room A259 (Secretary, Mrs. Doreen Young, A280)

Course Intended Primarily for B.Sc. Social Policy and Administration third year students.

Scope: Developments in British social policy between 1870 and 1918 will be examined in relation to the history of ideas.

Syllabus: The relationship between development in social policy and social, Economic and political ideas will be illustrated by select case studies; international and comparative material will also be used for illustrative purposes. In the Michaelmas Term we look generally at the economic and political background and social structure of Britain during the period, going on to focus more specifically on social and political ideas and the relationship between the family and the State. During the Lent Term we look in detail at income distribution, policy formation in areas such as health, education, old age pensions, unemployment and housing, and the development of policy in the USA and Germany.

Pre-Requisites: This course is usually open only to B.Sc. Social Administration students in their third year.

Teaching Arrangements: One weekly class of two hours taken by Dr. Lewis.

Written Work: Students will be expected to make presentations in classes and hand in one essay per term.

Reading List: Useful text for reference: P. Thompson, *The Edwardians*; D. Read, *Britain 1868-1914*; R. Floud and McCloskey, *The Economic History of Britain Vol II*; E. H. Hunt, *British Labour History 1815-1914*; D. Fraser, *The Evolution of the Welfare State*; B. B. Gilbert, *Evolution of National Insurance*; P. Thane, *Foundations of the Welfare State*.

Particularly useful volumes: P. Clarke, *Lancashire and the New Liberalism*; D. Winch, *Economics and Policy*;

H. Parris, *Constitutional Bureaucracy*; R. Barker, *Political Ideas in Modern Britain*; B. Semmel, *Imperialism and Social Reform*; S. Collini, *Liberalism and Sociology*; M. Anderson, *Family Structure in 19th Century Lancashire*; H. Pelling, *Origins of the Labour Movement*; G. Stedman Jones, *Outcast London*; J. Treble, *Urban Poverty in 19th Century Britain*; P. Thane, *The Origins of British Social Policy*; J. Harris, *Unemployment and Politics 1886-1914 and Beveridge*; W. J. Mommsen (Ed.), *Development of the Welfare State in Great Britain and Germany*.

Examination Arrangements: One three-hour paper; students should attempt to answer four questions. Each question carries equal marks.

SA5753

Psychology and Social Policy

Teacher Responsible: Dr. Nicola Madge, c/o Room A255

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.

Scope: To consider aspects of psychology applied to the study of social policy and practice.

Syllabus: This covers personality development, human learning, environmental psychology, schools and schooling, institutions and their effects, children and television, group processes, racial awareness and discrimination, sex differences, intelligence and ability, family and social deprivation, the impact of unemployment, child abuse, adolescence and delinquency, mental illness, psychology and health.

Pre-Requisites: None.

Teaching Arrangements: Lecture course SA116 **Psychology and Social Policy** (10 lectures, Michaelmas Term) Weekly classes (sessional) SA116a **Psychology and Social Policy**. The lecture series Ps100 **Introduction to General and Social Psychology** (25 lectures, sessional) is also recommended.

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

The course will normally be taught in alternate years, and will not be available in 1987-88.

Teachers Responsible: Dr. M. I. A. Bulmer, Room A224 (Secretary, Mrs. C. Raffan, A244) and Dr. J. Carrier, Room A238 (Secretary, Rachel Mawhood, A255)

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; optional for Diploma in Social Administration.

Scope: 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.

Syllabus: 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, 24 Michaelmas, Lent and Summer Terms; Classes: SA122(a), 24 Michaelmas, Lent and Summer Terms. Dr. Bulmer will teach the first 17 and Dr. Carrier the last seven weeks.

Written Work: Work will be set and marked by Dr. Bulmer or Dr. Carrier. Each student taking the course will be expected to make one verbal presentation of about 20 minutes at each of two of the twenty-four 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 three books are basic texts recommended for student purchase: G. Bowker & J. Carrier (Eds.), *Race and Ethnic Relations: Sociological Readings*; J. Stone, *Racial Conflict in Contemporary Society*; C. Husband (Ed.), *"Race" in Britain: Continuity and Change*.

The following are additional important references, to be used where indicated on the course reading list: J. Rex, *Race Relations in Sociological Theory*; M. Banton, *Race Relations*; E. F. Frazier, *Race and Culture Contacts in the Modern World*; L. Foner & E. Genovese (Eds.), *Slavery in the New World*; A. Weinstein & F. Gattell (Eds.), *American Negro Slavery*; P. Mason, *Patterns of Dominance*; V. G. Kiernan, *The Lords of Human Kind: European Attitudes to the Outside World in the Imperial Age*; H. Tinker, *A New System of Slavery*; W. J. Wilson, *Power, Racism and Privilege*; C. S. Johnson, *The Shadow of the Plantation*; J. S. Furnivall, *Colonial Policy and Practice*; M. M. Gordon, *Assimilation in American Life*; L. P. Gartner, *The Jewish Immigrant in England, 1840-1914*; L. Rainwater, *Behind Ghetto Walls*; J. L. Collier, *The Making of Jazz*; L. Rainwater & D. J. Pittman (Eds.), *The Moynihan Report and the Politics of Controversy*; J. Rex & S. Tomlinson, *Colonial Immigrants in a British City*; D. Smith, *Racial Disadvantage in Britain*; G. Myrdal, *An American Dilemma*; W. J. Wilson, *The Declining Significance of Race*; E. J. B. Rose, *Colour and Citizenship*; A. N. Little, *Educational Policies for Multi-Racial Areas*; T. Lee, *Race and Residence*; The Brixton Disorders (The Scarman Report), Cmnd 8427, (Penguin); G. Bindman & A. Lester, *Race Relations and the Law*; L. L. Snyder, *The Idea of Racism*; E. U. Essien-Udom, *Black Nationalism*; Malcom-X, *Autobiography*; A. Sivanandan, *A Different Hunger*.

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

(Not available 1986-87)

Teacher Responsible: Professor H. Glennerster, Room A279 (Secretary, Rachel Mawhood, A255)

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.

Scope: The aim is to provide a detailed account of the way services are financed in Britain not to concentrate on theoretical economic public finance issues.

Syllabus: 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. The present systems of allocating resources within each of the major social services will be analysed: health, education, housing, income maintenance and the personal social services. This will include for example, programme budgets, the "RAWP" formula in the National Health Service and the calculation of grants to local authorities as well as local allocation methods used to fund schools, colleges and old people's homes. The history of financial support in each of these fields will be discussed and the main alternatives to the present system of finance that are possible.

Pre-Requisites: None.

Teaching Arrangements: 20 lectures (SA132). Sessional classes (SA132a).

Written Work: One class essay per term minimum and a class presentation each term.

Reading List: B. Abel-Smith, *The Hospitals 1800-1948*; H. Aaron & B. Swartz, *The Painful Prescription*; B. Abel-Smith, *Value for Money in Health Services*; K. Judge, *Rationing Social Services*; Audit Commission, *The Impact on Local Authorities Economy, Efficiency and Effectiveness of the Block Grant Distribution System*; H. Glennerster, *Paying for Welfare*; H. Glennerster, *Social Service Budgets and Social Policy*; H. Hecló & A. Wildavsky, *The Private Government of Public Money*; D. Heald, *Public Expenditure*; J. Coons & S. Sugarman, *Education by Choice: The Case for Family Control*; K. Judge & J. Matthews, *Charging for Social Care*; A. R. Prest & N. Barr, *Public Finance in Theory and Practice*; J. N. Danziger, *Making Budgets*; C. D. Foster et al., *Local Government Finance in a Unitary State*; HMSO, *Alternatives to Domestic Rates*, Cmnd. 8449; HMSO, *The Next Ten Years: Public Expenditure and Taxation until the 1990's*, Cmnd. 9189; HMSO, *The Control of Public Expenditure*, Cmnd. 1432; DHSS, *Report of the Resource Allocation Working Party*; DHSS, *Priorities*

in the Health and Personal Social Services; W. Wright (Ed.), *Public Spending Decisions Growth and Restraint in the 1970's*.

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.

SA5799

A Long Essay on an Approved Topic

Teacher Responsible: Departmental Tutor (Mike Reddin, Room A281)

Course Intended Primarily for: B.Sc. Social Policy and Administration; Compulsory Subject in Third Year.

Scope: 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 work 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.

SA6600

Social Policy and Economics

This course is for the Diploma in Social Policy and Administration. There are no pre-requisites.

The examination paper is divided into two sections, one on Social Policy, the other on Economics. In each part, two questions have to be answered in one and a half hours, from a choice of six questions.

Part I: Social Policy

Teacher Responsible: Mike Reddin, Room A281 (Secretary, Elizabeth Plumb, A280)

Scope: An introduction to the field of study, its range and its values. Developments in social policies since World War Two.

Syllabus: Values in social policy; the social divisions of welfare; social policy and redistribution; some public and private conflicts; contemporary perspectives on social policy. Developments in social policy since 1939. A survey of the main fields of social administration: income maintenance, education, housing, medical care and the personal social services.

Teaching Arrangements:

Lectures: SA103 Social Policy Sessional (Lecturers: John Carrier, Howard Glennerster, Mike Reddin).

SA102 The Foundations of Post-War Social Policy Michaelmas and Lent Terms, (Lecturers: Howard Glennerster, et al.).

Classes: SA103(b) Social Policy Sessional, weekly 1½ hours. Teacher: Mike Reddin. The weekly classes will develop themes presented in the two main lecture courses. They will require brief introductory papers from one or more students, or participation in joint class exercises. This is likely to mean several presentations per student per term, but active participation in discussion and preparatory reading will be expected for all classes.

Written Work: One piece of written work will be required at the end of the Michaelmas Term, and contribution to a joint project at the end of the Lent Term.

Reading List: A. Forder, *Concepts in Social Administration*; H. Glennerster, *Paying for Welfare*; R. M. Titmuss, *Social Policy: an Introduction*; D. Wedderburn, *Poverty, Inequality and Class Structure*; A. Walker, *Public Expenditure and Social Policy*; Hall, Land, Parker & Webb, *Change, Choice and Conflict in Social Policy*; I. Gough, *The Political Economy of the Welfare State*; R. Mishra, *Society and Social Policy*; M. Ignatieff, *The Needs of Strangers*; R. Klein & M. O'Higgins, *The Future of Welfare*.

Supplementary Reading List: Bibliographies for SA103 and SA102 will be given to students at the start of the year. A full list of classes and associated reading will be given out at the first class meeting of the year.

Part II: Economics

Teacher Responsible: David Piachaud, Room A284 (Secretary, Doreen Young, A280)

Scope: The aim is to introduce students to basic economics and its application to social issues and to the social services.

Syllabus: Basic principles of economics. Aspects of the British economy of particular relevance to social policy. The contribution of economic analysis to the understanding of social problems. Economic foundations of social services. Historical trends and recent developments in the costs and financing of social services and income maintenance programmes. The problems of allocating resources to different services.

Teaching Arrangements:

Lectures: Social Economics (SA130); 20 lectures from David Piachaud, analysing expenditure on social services, the demand for and supply of social services, their effects, and decision-making in the social services. Optional is Economics A2 (Ec101), an introductory course of 36 lectures from Dr. Nick Barr and Dr. Christine Whitehead, providing a foundation in economic theory.

Classes: 20 classes (SA130c) with David Piachaud will provide a basic introduction to economic analysis and will back up the lectures.

Written Work: One essay and one or more class presentations will be required each term in the classes.

Reading List: Each of the lecture courses will provide its own reading list. There is a wide choice of general

introductory texts. Of particular relevance to social policy are: J. Le Grand & R. Robinson, *The Economics of Social Problems*; A. B. Atkinson, *The Economics of Inequality*; A. Williams & R. Anderson, *Efficiency in the Social Services*.

SA6601

Social Structure and Psychology

This course is for the Diploma in Social Policy and Administration. There are no pre-requisites. The examination paper is divided into two sections, one on Social Structure, the other on Psychology. In each part two questions have to be answered in one and a half hours, from a choice of six questions.

Part 1 – Social Structure

Teacher Responsible: Mrs. Shirley Hyde, c/o Room A255

Scope: The paper aims to introduce students to aspects of sociology relevant to the study of social policy.

Syllabus: The application of sociology to issues of social policy in a number of fields, including education, health, the family, class, race, crime and deviance.

Teaching Arrangements: There is a lecture course and associated classes.

Lectures: SA109, *Sociology and Social Policy*, given by Dr. Downes, Dr. Ferguson, Dr. Carrier, Dr. Bulmer. Sessional.

Classes: SA109(b), 17 meetings of 1½ hours, Michaelmas and Lent Terms. Revision classes in Summer Term.

Written Work: will be prescribed by the class teacher.

Reading List: There is no set text for the course, and the reading lists for the lectures provides the framework for the course. The following is basic reading:

R. Pinker, *Social Theory and Social Policy*; P. Marris & M. Rein, *Dilemmas of Social Reform* (2nd edn.); P. Townsend, *Sociology and Social Policy*; M. Rein, *Social Science and Public Policy*; V. George & P. Wilding, *Ideology and Social Policy*; M. Bulmer (Ed.), *Social Policy Research*.

Part 2 – Psychology

Teacher Responsible: Dr. Nicola Madge c/o Room A255

Scope: To consider aspects of psychology particularly as they relate to social issues and social policy and practice.

Syllabus: This covers personality development, human learning, environmental psychology, schools and schooling, institutions and their effects, children and television, group processes, racial awareness and discrimination, sex differences, intelligence and ability, family and social deprivation, the impact of unemployment, child abuse, adolescence and delinquency, mental illness, psychology and health.

Pre-Requisites: None.

Teaching Arrangements:

Lecture course SA116 *Psychology and Social Policy* (10 lectures, Michaelmas Term). Weekly classes (Sessional) SA116b *Psychology and Social Policy*. The lecture series Ps100 *Introduction to General and Social Psychology* (25 lectures, Sessional) is also recommended.

Reading: A comprehensive bibliography will be provided.

Part 1 and 2 Examination Arrangements: The examination paper is divided into two sections. In each part two questions have to be answered in 1½ hours, from a choice of six questions.

SA6611

Social Policy and Administration

Teacher Responsible: Mike Reddin, Room A281 (Secretary, Elizabeth Plumb, A280)

Course Intended Primarily for: Diploma in Social Policy and Administration.

Scope: An introduction to the field of study, its range and its values. Developments in social policies since World War Two.

Syllabus: Values in social policy; the social divisions of welfare; social policy and redistribution; some public and private conflicts; contemporary perspectives on social policy. Developments in social policy since 1939. A survey of the main fields of social administration: income maintenance, education, housing, medical care and the personal social services.

Pre-Requisites: None.

Teaching Arrangements:

Lectures: SA103 Social Policy Sessional (Lecturers: John Carrier, Howard Glennerster, Mike Reddin)

SA102 The Foundations of Post-War Social Policy Michaelmas and Lent Terms (Lecturers: Howard Glennerster, et al.)

Classes: SA103(b) Social Policy Sessional, weekly, 1½ hours. Teacher: Mike Reddin.

The weekly classes will develop themes presented in the two main lecture courses. They will require brief introductory papers from one or more students, or participation in joint class exercises. This is likely to mean several presentations per student per term, but active participation in discussion and preparatory reading will be expected for all classes.

Written Work: One piece of written work will be required at the end of the Michaelmas Term, and contribution to a joint project at the end of the Lent Term.

Reading List: A. Forder, *Concepts in Social Administration*; H. Glennerster, *Paying for Welfare*; R. M. Titmuss, *Social Policy: an Introduction*; D. Wedderburn, *Poverty, Inequality and Class Structure*; A. Walker, *Public Expenditure and Social Policy*; Hall, Land, Parker & Webb, *Change, Choice and Conflict in Social Policy*; I. Gough, *The Political Economy of the Welfare State*; A. Weale, *Social Theory and Social Policy*; R. Mishra, *Society and Social Policy*; R. Klein & M. O'Higgins, *The Future of Welfare*.

Supplementary Reading List: Bibliographies for SA103 and SA102 will be given to students at the start of the year. A full list of classes and associated reading will be given out at the first class meeting of the year.

Examination Arrangements: An advance notice examination, involving selection of an essay topic from a list of six titles distributed to students early in the Summer Term. Students then have two weeks in which to present a 5,000 word essay.

SA6630

Social Policy and Administration

Teacher Responsible: (for evening seminar) **Professor B. Abel-Smith**, Room A243 (Secretary, Caroline Raffan, A244)

(for day seminar) **Professor H. Glennerster**, A279 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies, Option 1 (Social Policy and Planning). Students on this degree must take either this paper or the **Social Planning** (SA152) paper. Both can be taken.

Scope: 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**).

Syllabus: The formation and development of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. The problems of redistributive justice and ethical issues in social policy. The assessment of the effects of the social services and social policies. Concepts of need and social welfare. The contributions made by political, professional and charitable bodies to the development of collective action to promote social welfare. The structure, functions and forms of administration of social services provided by the state, charitable institutions and employers. This course will be concerned 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: 25 weekly seminars (SA151) throughout the session. Students prepare papers for discussion. Lecture course SA103 is particularly relevant for students who have no background in British Social Policy and is designed to complement the subjects treated in the seminars. Lecture course SA102, on **The Foundations of Post-War Social Policy**, provides a basic introduction to the institutions of the British welfare state. Seminars in **Social Policy Research** (SA153) are also necessary for the course.

Reading List: Some introductory texts are:

T. H. Marshall, *The Right to Welfare; Social Policy*; J. Harris, *Sir William Beveridge: a Biography*; D. V. Donnison, *Social Policy and Administration Revisited*; P. Townsend, *Sociology and Social Policy*; R. M. Titmuss, *Essays on the Welfare State*; J. Higgins, *States of Welfare*; T. Wilson & D. Wilson, *The Political Economy of the Welfare State*; I. Gough, *Political Economy of the Welfare State*; M. Brown & N. Madge, *Despite the Welfare State*; H. Glennerster, *Paying for Welfare*.

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

Teacher Responsible: **Professor Howard Glennerster**, Room A279 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies, Option 1 (Social Policy and Planning). Students must take either this paper or the paper, **Social Policy and Administration** (SA6630). They can take both, see below.

Scope: 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. Students will gain most from the course if they have a sound background in economics and statistics. It is particularly relevant to those working in research and development sections of local authority departments or in administrative posts in the public sector. 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: Weekly two-hour seminars for 25 weeks throughout the session (SA152). During the Michaelmas Term the seminars will be introduced by one of the teachers. During the rest of the session students will present papers. The seminars and lectures in **Social Policy Research** (SA153) are also necessary to the course, and will cover methodological aspects of topics raised in the social planning seminars.

Reading List: The following are some key texts but a comprehensive reading list will be handed out with the programme of seminar topics. These books should be bought if possible.

J. K. Friend & N. Jessup, *Local Government and Strategic Choice*; J. Midgley & D. Piachaud (Eds.), *The Fields and Methods of Social Planning*; H. Glennerster, *Planning for Priority Groups*; T. Booth, *Planning for Welfare*; M. Carley, *Rational Techniques in Policy Analysis*.

Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

SA6640

Planning of Health Services

Teacher Responsible: **Professor Brian Abel-Smith**, Room A243 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for M.Sc. Social Policy and Planning; M.Sc. Sociology (Medical Sociology). This course will be offered only if there is a sufficient number of students.

Scope: The aim of the course is to enable students studying for the M.Sc. in Social Policy and Planning to apply social planning theories and methods to the provision of health services. To this end, a wide variety of social science disciplines are drawn upon, and a comparative approach is emphasised. The main examples used in the course are health service arrangements in the USA and Western Europe, and the NHS in England and Wales. Students reading for the M.Sc. in Sociology also join the seminar.

Syllabus: The development and structure of health services; the social demographic and economic factors relevant to planning health services; models of funding medical care; the evaluation of medical care services; cross cultural comparisons of medical care systems. Conceptions of health and disease; the sick role; doctor/patient relationship and communication; patient utilisation of services; the health professions; their education and inter-relationship; the sociology of hospitals and other medical organisations.

Pre-Requisites: Graduates with a first or good second honours degree in one of the social sciences who are interested in applying social science theory and method to the analysis of health service planning. Some experience working and/or carrying out research in a public agency would be an appropriate but not necessary background.

Teaching Arrangements: Attendance at the course of 25 lectures in **Health Policy and Administration** (SA126) is essential. There are also 25 seminars which support the above course (SA154). Each seminar is of 1½ hours duration. They begin in the Michaelmas Term and continue into the Summer Term. Seminars are organised by teachers, on the topics in which they have a specialised interest. For each seminar, one student or a group of students prepares a written paper on the subject for discussion and all others prepare themselves by consulting the relevant literature. Students will be expected to produce at least one seminar paper for the course (or more depending on the number who enrol). Several hours of private study are expected in the presentation for seminars each week, whether or not the student is presenting a paper.

Written Work: As well as seminar papers, students may be expected to produce essays of at least 1,500 to 2,000 words each for one of the seminar teachers during the course. Individual teachers will comment separately upon this work and also upon a finished seminar paper.

Reading List: The reading list below is the minimum necessary reading for this course. Specialised reading for seminar topics will be given out by lecturers responsible for particular aspects of the course. Starred items* should be bought if possible.

*B. Abel-Smith, *Value for Money in Health Services* (Heinemann, 1976) £5.50; *The National Health*

Service: The First Thirty Years (HMSO, 1978) (out of print; available in LSE Library); Douglas E. Ashford, *Comparing Public Policies: New Concepts and Methods* (Sage, 1980); G. Bevan et al., *Health Care: Priorities and Management* (Croom Helm, 1980); N. W. Chaplin, *Health Care in the United Kingdom* (Huer Medical, 1982); H. Fabrega, *Disease and Social Behaviour* (M.I.T., 1974); I. Illich, *Medical Nemesis* (Calder and Boyars, 1975); D. Mechanic, *The Growth of Bureaucratic Medicine* (J. Wiley, 1976); *Report on the Royal Commission in the National Health Service*, Cmnd. 7615, Chairman, Sir Alec Merrison (HMSO, July 1979); P. Townsend & N. Davidson, *Inequalities in Health* (The Black Report) (Penguin, 1982) £2.50; *B. Watkins, *The National Health Service: The First Phase and After* (G. Allen & Unwin, 1980) £4.95; J. A. Muir Gray, *Man Against Disease. Preventive Medicine* (Oxford University Press); Christopher Ham, *Health Policy in Britain* (The Macmillan Press, 1982).

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 interest of the subject lecturers.

Examination Arrangements: The examination is by way of sitting a formal three-hour, unseen paper, answering three questions from a choice of 12 to 15 questions. Each question carries equal marks. No one taking this examination can be examined in SA6661.

SA6641

Income Maintenance and Social Security Policies

Teachers Responsible: **Mike Reddin**, Room A281 (Secretary, Elizabeth Plumb, A280) and **David Piachaud**, Room A284 (Secretary, Doreen Young, A280)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies Option 1 (Social Policy and Planning). This course will be offered if there is a sufficient number of students.

Syllabus: 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.

Pre-Requisites: There are no pre-requisites for the course.

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 old, 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 three terms. It is the main arena for teaching for the M.Sc. 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 B. B. Gilbert, *The Evolution of National Insurance in Great Britain and British Social Policy 1914-1939*; B. Abel-Smith & P. Townsend, *The Poor and the Poorest*; J. F. Harris, *Beveridge: A Biography*; A. B. Atkinson, *Economics of Inequality*; V. George, *Social Security and Society and Social Security: Beveridge and After*; L. McClements, *The Economics of Social Security*; J. Schultz *et al.*, *Providing Adequate Retirement Income*; A. Heidenheimer *et al.*, *Comparative Public Policy*; P. Townsend, *Poverty in the United Kingdom*; Sir John Walley, *Social Security: Another British Failure?*

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 (Secretary, Doreen Young, A280)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies, Option 1 (Social Policy and Planning). This course will be offered only if there is a sufficient number of students. **Scope:** The course will focus primarily on personal social services in Britain, although there is a comparative component.

Syllabus: 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.

Option 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; K. Jones, *History of the Mental Health Service*, RKP, 1972; E. Sainsbury, *Personal Social Services*, Pitman, 1977; J. Heywood, *Children in Care*, RKP, 1959; *Report of the Committee on Local Authority and Allied Personal Social Services* (Seebohm), Cmnd. 3703, 1968; B. M. Rodgers & J. Stevenson, *New Portrait of Social Work*, OUP, 1973; B. Davies, *Social Needs and Resources in Local Services*, Michael Joseph, 1968.

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 (Secretary, Doreen Young, A280)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies Option 1 (Social Policy and Planning). Also open to students taking the M.Sc. in Regional and Urban Planning Studies. This course will be offered only if there is a sufficient number of students.

Scope: The course deals mainly with housing and urban planning in England and Wales, though there is a comparative component. The subject is a very complex one: there have been frequent shifts of policy in recent years, there are numerous institutions in the field, and there are many and subtle inter-connections between different parts of "the system", eg between public and private sectors and between central government and local. The course aims to equip students to unravel these complexities, without getting bogged down in minutiae. It does this by adopting an issue-oriented approach, ie by taking certain issues and exploring what lies behind them. This approach allows for choice among a wide range of topics for seminars: the actual programme will be decided in consultation with the members of the seminar.

Syllabus: Analysis of housing and urban planning issues in Britain. The changing structure of the housing market, the roles of the local authority, private rented and owner-occupied sectors, and of alternative forms of tenure; the problem of access to housing. Housing finance issues: subsidies, rent control, income support. The problems of vulnerable groups and localities: slums, overcrowding, homelessness, the treatment of ethnic minorities. The problems posed by older housing: redevelopment and rehabilitation and their social and economic effects. Community development and other policies for inner urban areas. The distributional consequences of physical planning and urban management. New towns and town development schemes and their effect on "exporting" cities. Decision-making and public involvement in planning; tenant management: the roles of the professional and politician.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars (SA157) of 2 hours duration. Students are expected to take it in turn to open the discussion with a prepared paper. A reading list is supplied for each topic.

Students may also attend the lecture course SA125 (10 lectures in the Michaelmas Term).

Introductory Reading List: K. Bassett & J. Short, *Housing and Residential Structure*; J. R. Short, *Housing in Britain*; D. V. Donnison & C. Ungerson, *Housing Policy*; P. Hall (Ed.), *The Inner City in Context*; G. Kirk, *Urban Planning in a Capitalist Society*; S. Lansley, *Housing and Public Policy*; P. Lawless, *Britain's Inner Cities*; A. Murie, *et al.*, *Housing Policy and the Housing System*.

Examination Arrangements: There is a three-hour formal written examination in June. Three questions must be answered.

SA6644

Education Policies and Administration

(Not available 1986-87)

Teacher Responsible: Dr. M. Ferguson, Room A274 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for M.Sc. in Social Administration and Social Work Studies, Option 1 (Social Policy and Planning). This course will be offered only if there is a sufficient number of students.

Scope: The course covers the politics of education; education decision-making at central, local and institutional levels; the finance of education, current practice and alternatives. The course aims to deal with both the economic and sociological aspects of the subject. Part of the session is left open so that topics can be arranged to fit in with the particular interests of the group.

Syllabus: The development of education policy and administration since 1918. The structure and relationships of the administrative organisation responsible for maintained schools, the system of higher and further education and the independent schools. The recruitment, training and deployment of teachers. An introduction to the problems of educational planning and finance.

Pre-Requisites: None.

Teaching Arrangements: Weekly seminars through the session (SA158). Students will be expected to prepare papers for discussion.

Reading List: The following are some key texts. Detailed bibliographies will be given out with the seminar programme.

J. Karabel & A. H. Halsey (Eds.), *Power and Ideology in Education*; W. K. Richmond, *Education in Britain since 1944*; G. Baron & W. Taylor (Eds.), *Educational Administration and the Social Sciences*; R. Jennings, *Education and Politics*; P. W. Musgrave, *Society and Education in England since 1800*; T. Burgess, *A Guide to English Schools*; C. Baxter, P. J. O'Leary & A. Westoby (Eds.), *Economics and Education Policy*; A. H. Halsey, A. F. Heath & J. M. Ridge, *Origins and Destinations*; J. Egglestone (Ed.), *Contemporary Research in the Sociology of Education*; W. Taylor (Ed.), *Research Perspectives in Education*.

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. Mangan, Room A261 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for M.Sc. Social Policy and Planning (option 1); M.Sc. European Studies; M.Sc. Politics and Government of Western Europe; M.Sc. Public Administration.

Scope: The course will include for study the countries of the European Community and the Nordic group. The choice of countries for more detailed discussion will be determined by the issue under review. However, four "core" countries have been selected to maintain continuity throughout the seminars: the Federal Republic of Germany, France, Sweden and Spain. The aim is to maintain some balance between representatives of richer, northern countries with long histories of welfare policies and high expenditures on social budgets, and representatives of poorer, southern states with low social expenditures and (by comparison) "emerging" welfare states.

Syllabus: The role of social, fiscal and occupational welfare in contemporary Western European societies; the informal and voluntary sectors in welfare. European welfare states will be discussed in their historical, political, cultural and economic contexts. The central theme throughout the course is the comparative approach, both to the study of the development of welfare states and to analysis of present structures and processes of policy-making and implementation. The first part is concerned with the development of the collective provision of welfare since the last quarter of the nineteenth century. Thereafter, attention is focussed on contemporary issues in selected policy areas. The course will examine the role of European-level authorities in the promotion of social policy. Particular attention will be given to social policy in the Federal Republic of Germany, France, Sweden and Spain, and to the following interrelated service areas: social services for client groups, such as the elderly, infirm and the mentally infirm, Housing/Social security and social assistance. Health services.

Pre-Requisites: A reading knowledge of a major European language would be an advantage but is not essential. Overseas students and those with insufficient background in social policy would be encouraged to attend an introductory course (SA102) and given directed reading.

Teaching Arrangements: 25 weekly seminars (SA164)

Reading List: Some Introductory texts are:

Eisenstadt and Ahimeir, *The Welfare State and Its Aftermath*; P. Flora & A. J. Heidenheimer, *The Development of Welfare States in Europe and America*; R. Girod *et al.*, *Social Policy in Western Europe and the USA: 1950-1980*; J. Gough, *The Political Economy of the Welfare State*; A. J. Heidenheimer *et al.*, *Comparative Public Policy*, (2nd edn.); J. Higgins, *States of Welfare*; C. Jones, *Patterns of Social Policy*; B. Madison, *The Meaning of Social Policy: the Comparative Dimension in Social Welfare*; R. Mishra, *The Welfare State in Crisis*; B. Rodgers, *The Study of Social Policy: A Comparative Approach*; H. L. Wilensky, *The Welfare State and Equality*; T. &

D. J. Wilson, *The Political Economy of the Welfare State*.

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.

SA6660

Basic Community Health

Teachers Responsible: Dr. Nick Black, Room 34 (Secretary, Mrs. F. Hathaway), Department of Community Health, London School of Hygiene and Tropical Medicine; Professor Brian Abel-Smith, Room A243 (Secretary, Mrs. Raffan, Room A244) and others.

Course Intended Primarily for M.Sc. Health Planning and Financing.

Scope: This course provides a core of concepts, methods and techniques for the study of the health of the community.

Syllabus: Community Health and its evolution, aetiological and sociological concepts of health and disease. Ecology of health and disease. Dynamics and structure of populations, including major sources of data and methods of estimation and projection. Basic principles of statistics including descriptive statistics, principles of statistical inference, general principles of surveying and study design and analysis, standardisation, indexation, time series analysis and forecasting. Sources of data and information including uses of ICD codes and related classification. Research methods and their application. Epidemiological concepts and methods including the analysis of relative and attributable risk. Epidemiology of communicable and non-communicable disease. Epidemiological and socioeconomic aspects relating to aspects of health promotion, preventive medicine and provision for special groups. Basic principles of economics in the context of health and health care, social and cultural factors affecting illness behaviour and the use of services. Evidence related to lifestyle, nutritional, environmental, occupational, economic, cultural, social and political factors affecting health. Consideration of programmes for curing and caring for the sick; preventing disease, including screening programmes and promoting health. Consideration of health programmes, priorities and policies.

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 social science theory and methods to health care systems.

Teaching Arrangements: This course consists of 30 lectures (SA202) and 24 one-and-a-half hour seminars or practical sessions (SA203). The series will consist of lectures and practical sessions on research methods and sources used in Basic Community Health, given by Dr. John Ashley, Dr. Graham Bickler, Dr. Anne Johnson, Dr. Carol MacCormack and Dr. Colin Sanderson at LSHTM; and Dr. Martin Bulmer and Dr. Jane Lewis of LSE. A series of six lectures on Health and Society will be given by Professor Brian Abel-

Smith. Lectures/seminars on the Organization of Health Care will be given by Dr. Nick Black, Dr. Mark McCarthy. Lectures and seminars on Health Promotion and Disease Prevention and a series of policy seminars will be given by Dr. Nick Black, Dr. Beulah Bewley and others. This course will be given at 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: 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.

T. McKeown, *Role of Medicine*; J. N. Morris, *Uses of Epidemiology*; C. Dollery, *The End of the Age of Optimism*; P. O'Neill, *Health Crisis 2000, New Perspectives on the Health of Canadians* (The Lalonde Report); Muir Gray, *Man Against Disease*; A. L. Cochrane, *Effectiveness and Efficiency*; B. Abel-Smith, *Value For Money*; R. J. Donaldson & L. J. Donaldson, *Essential Community Medicine*; M. McCarthy, *Epidemiology and Policies for Health Planning*; G. Knox, *Epidemiology in Health Service Planning*; J. Osborn, *Statistical Exercises in Medical Research*; P. Armitage, *Statistical Methods in Medical Research*; M. Alderson, *An Introduction to Epidemiology*; D. J. P. Barker & G. Rose, *Epidemiology in Medical Practice*; J. Benthall, *Ecology*; G. M. Howe & J. A. Loraine, *Environmental Medicine*; D. Tuckett, *An Introduction to Medical Sociology*; I. Gough, *The Political Economy of the Welfare State*; R. Titmuss, *Commitment to Welfare*; M. Brown & N. Madge, *Despite the Welfare State*; P. Townsend & N. Davidson, *Inequalities in Health*; R. Berthand *et al.*, *Poverty and the Development of Acute Poverty Policy in the U.K.*; P. Townsend, *Poverty in the United Kingdom*; M. Hill, *Understanding Social Policy*; D. Mechanic, *Further Issues in Health Care*; H. Glennerster, *Social Service Budgets and Social Policy*; R. Maxwell, *Health and Wealth*; C. Ham, *Health Policy in Britain*; M. Brown, *An Introduction to Social Administration in Britain*, DHSS, *Sharing Resources for Health in England, Priorities for Health and Personal Social Services in England; The Way Forward; Preventive Health Everybody's Business*; W. J. Baumol & A. S. Blinder, *Economic Principles and Policy*; J. G. Cullis & P. West, *The Economics of Social Problems*; 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: The examination consists of a three hour paper in which three questions have to be answered.

SA6661

Health Planning and Financing

Teachers Responsible: Professor Brian Abel-Smith, Room A243 (Secretary, Mrs. Raffan, A244) and Dr. John Carrier, Room A238 (Secretary, Rachel Mawhood, A255); and Ms. Anne Mills, Dr. Colin

Sanderson, Department of Community Health, London School of Hygiene and Tropical Medicine; and others.

Course Intended Primarily for M.Sc. Health Planning and Financing.

Scope: In this course concepts, methods and techniques of planning and financing are applied to health and health-related sectors in countries at all levels of development.

Syllabus: The development and analysis of health systems; their structure and functioning in a comparative framework. The historical origins and subsequent development of the NHS and the related welfare services. Financing of health systems and the impact of different payment structures on the productivity, provision and use of health care systems. Voluntary, public and private provision of health care and aspects of intervention in the health market. Funding and the implications for the development of health systems. Allocation, distribution of resources in health care systems, agency relationships, professional remuneration systems, social and cultural factors in the use of resources. Organisation theories and concepts. Accountability and control, including the role of professionals and consumer participation in health systems. Theories of planning. Applications of planning and decision-making theories and models in resource allocation. Quantification and measurement of need, demand, use, output and outcome in health planning management, and monitoring of health care systems. Use of economic, epidemiological and operational research techniques in planning and management and evaluation of the health care sector.

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 planning and financing health and health care systems in countries at different levels of development.

Teaching Arrangements: This course consists of 25 lectures (SA126) and 25 1½ hour seminars (SA154). Students will be expected to participate in practical sessions and produce at least one seminar paper each term. Seminars are organised by teachers on topics on which they have a special interest.

Reading List: The following is a basic reading list for the course.

Industrialized Countries: B. Abel-Smith *Cost Containment in Health Care*, Bedford Square Press (1984); Robert R. Alford, *Health Care Politics*, University of Chicago Press (1975); J. Allsop, *Health Policy and the National Health Service*, Longman (1984); Erica Bates, *Health Systems and Public Scrutiny. Australia, Britain and the United States*, Croom Helm (1980); N. W. Chaplin, *Health Care in the United Kingdom*, Kluwer Medical (1982); A. J. Culyer and K. Wright, *Economic Aspects of Health Care*, Martin Robertson (1981); Anne Crighton, *Health Policy Making: The Fundamental issues in the U.S. Canada, Great Britain, Australia*, Ann Arbor (1981); DHSS, *The N.H.S. Planning System*, HMSO (1976); *Health Service Development: Structure and Management*, Health Circular (80)8, July 1980; *Health Service Development. Review of the NHS*

Planning System, A consultative Doc. NH(81)4, Feb. 1981; *Health Service Management*, HC(81)0, May 1981; *Health Services Development: The NHS Planning System*, HC(82)0, March 1982; *Health Services Development: Resource Assumptions for Planning by Health Authorities*, HC(83)12, June 1983; *Health Services Development: Resource Distribution for 1984-85; Service Priorities: Manpower and Planning*, HC(84)1, Jan. 1984; *Health Care and Its Costs*, HMSO (1983); C. Dollery, *The End of an Age of Optimism*, Nuffield (1978); L. Doyal, *The Political Economy of Health*, Pluto (1980); E. Freidson, *The Profession of Medicine*, Dodd Mead (1970); C. Ham, *Health Policy Making in Britain*, Macmillan (1982); A. Harrison and J. Gretton, *Health Care I.K.* 1984, C.I.P.F.A. (1984); HMSO, *Report of the Royal Commission on the National Health Service*, Cmnd. 7615 Chairman — Sir Alec Merrison, HMSO, July 1979; R. Illsley, *Professional or Public Health*, Nuffield (1980); M. Jefferys and H. Sachs, *Rethinking General Practice*, Tavistock (1983); Terence J. Johnson, *Professions and Power*, Macmillan (1972); R. Klein, *The Politics of the National Health Service*, Longman (1983); K. Lee and A. Mills, *Policy Making and Planning in the Health Sector*, Croom Helm (1983); T. McKeown, *The Role of Medicine*, OUP (1976); G. Mooney *et al.*, *Choices for Health Care*, Macmillan (1980); J. A. Muir Gray, *Man Against Disease*, OUP (1979); O. Gish, *Planning The Health Sector*, Croom Helm (1975); W. A. Reinke, *Health Planning: Qualitative Aspects and Quantitative Techniques*, John Hopkins (1972).

Developing Countries: B. Abel-Smith, *Value For Money in the Health Services*, Heinemann (1976); B. Abel-Smith with A. Leiserson, *Poverty, Development and Health Policy*, Public Health Papers 69, W.H.O. (1978); Rosanne M. Bechtel, *Low Cost Rural Health Care and Health Manpower Training*, Vol. 9, Int. Develop. Res. Centre (1982); Basic S. Hetzel (Ed.), *Basic Health Care in Developing Countries*, OUP (1978); K. Lee and A. Mills (Eds.), *The Economics of Health in Developing Countries*, OUP (1983); S. MacPherson, *Social Policy in the Third World*, Wheatsheaf (1982) E. P. Mach and B. Abel-Smith, *Planning the Finances of the Health Sector. A Manual For Developing Countries*, W.H.O. (1983); W.H.O., *Managerial Process for National Health Development: Health for all*, Series No.5, W.H.O., Geneva (1981).

Organisation theories and concepts: M. Muller, *The Health of Nations*, Faber and Faber (1982); G. Walt and P. Vaughan, *An Introduction to the Primary Health Care Approach in Developing Countries*, Ross Institute Pubs. (1981); World Bank, *Health Sector Policy Paper*, World Bank (1980); W.H.O., *Formulating Strategies for Health for All by the Year 2000*, W.H.O. (1979); *Sixth Report on the World Health Situation*, Parts One and Two, W.H.O. (1980); *Traditional Medicine and Health Care Coverage*, W.H.O. (1983); T. Burns and G. M. Stalker, *The Management of Innovation*, Tavistock (1961); H. H. Gerth and C. W. Miller, *From Max Weber*, Routledge (1948); A. W. Gouldner, *Problems of Industrial Bureaucracy*, Free Press (1964); C. B. Handy, *Understanding Organisations* (2nd Edn.), Penguin

(1981); E. Jacques, *A General Theory of Bureaucracy*, H.E.B. (1976); E. Jacques (Ed.), *Health Services*, H.E.B. (1978); R. Klein, *Control, Participation and The British National Health Service*, Millbank Mem. Fund Quarterly, Vol. 57, No.1 (1979); R. H. Miles, *Mono-Organisational Behaviour*, Goodyear (1980); H. A. Simon, *Administrative Behaviour* (2nd Edn.), Free Press (1957); C. Sofer, *Organizations in Theory and Practice*, H.E.B. (1972).

Supplementary Reading List: This is given at the beginning of the course and reflects the special interests of the subject lecturers.

Examination Arrangements: The examination consists of a three-hour paper in which three questions have to be answered. No one examined in this paper can also be examined in SA6640, SA6741 or SA6761.

SA6666

Health Economics

Teacher Responsible: Professor Brian Abel-Smith, Room A243 (Secretary, Mrs. Raifan, A244); and Dr. Jennifer Roberts, Room 30 (Secretary, Mrs. P. Foley, Room 35), Department of Community Health, and Ms. Anne Mills, Dr. George Cumper, Evaluation and Planning Centre for Health Care, London School of Hygiene and Tropical Medicine, and others.

Course Intended Primarily for: M.Sc. Health Planning and Financing.

Scope: This course develops basic economic concepts introduced in the Community Health and Planning and Financing courses, and provides for specialisation in health economics.

Syllabus: 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 and economic development. 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. Consideration of the health care industry 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. The measurement of expenditure on health services and health related activities, the planning of future expenditures and sources of finance.

Pre-Requisites: This course is most suitable for students wishing to develop to a more advanced level the health economics components of the core courses Community Health and Health Planning and Financing. Students with no previous background in

economics will be required to take an introductory course in economics provided in the core course Community Health.

Teaching Arrangements: This course consists of 25 lectures (SA200) and 12 1½ hour fortnightly seminars (SA201). Seminars are organized by teachers on topics in which they have a special interest. Dr. Barbara Harriss, Mr. Peter Cutler, and Ms. Heather Joshi of LSHTM will also be involved.

Reading List: The following is a basic reading list for the course: B. Abel-Smith, *Cost Containment in Health Care*, Bedford Square Press (1984); *Value for Money*, Heineman (1976); *An International Study of Health Expenditure and its Relevance for Health Planning*, Geneva, Public Health Papers No.69 (1967); K. J. Arrow, *The Limits of Organization*, Norton (1974); A. B. Atkinson, *The Economics of Inequality*, OUP (1976); G. S. Becker, *The Economic Approach to Human Behaviour*, University of Chicago Press, Chicago (1976); S. E. Berki, *Hospital Economics*, Heath (1972); S. Bohm, *Social Efficiency: A Concise Introduction to Welfare Economics*, Macmillan (1973); B.M.A., *Health Services Financing* (1969); D. Collard, *Altruism and Economy: A Study in Non-Selfish Economics*, Martin Robertson, London (1978); M. H. Cooper and A. J. Culyer (Eds.), *Health Economics*, Penguin (1973); A. J. Culyer, *The Political Economy of Social Policy*, Martin Robertson (1980); A. J. Culyer, J. Wiseman and A. Walker, *An Annotated Bibliography of Health Economics*, Martin Robertson (1977); A. J. Culyer and K. G. Wright (Eds.), *Economic Aspects of Health Services*, Martin Robertson (1978); J. G. Cullis and P. A. West, *The Economics of Health: An Introduction*, Martin Robertson (1979); G. Cumper, *Determinants of Health Levels in Developing Countries*, Research Studies Press, Wiley (1984); D.H.S.S., *Inequalities in Health: Report of a Research Working Group* (1980); M. F. Drummond, *Studies in Economic Appraisal in Health Care*, OUP (1981); M. F. Drummond, *Principles of Economic Appraisal in Health Care*, OUP (1982); P. J. Feldstein, *Health Care Economics*, Wiley, (1979); V. Fuchs, *Who Shall Live?* Basic Books (1974); M. Friedman, *Capitalism and Freedom*, University of Chicago Press, Chicago (1962); A. Heath, *Rational Choice and Social Exchange*, Cambridge University Press, Cambridge (1976); J. le Grand, *The Strategy of Equality*, George Allen & Unwin (1982); P. Jacobs, *The Economics of Health and Medical Care*, University Park Press (1980); A. Johnson, *The World Economy at the Crossroads*, Oxford (1965); M. W. Jones-Lee, *The Value of Life*, Martine Robertson (1976); R. Layard (Ed.), *Cost-Benefit Analysis*, Penguin Modern Economics Readings (1972); K. Lee and A. Mills, *The Economics of Health in Developing Countries*, OUP (1983); K. Lee and A. Mills (Eds.), *Economics and Health Planning*, Croom Helm (1979); D. S. Lees, *The Economic Consequences of the Professions*, Institute of Economic Affairs (1964); I.M.D. Little, *Economic Development Theory: Policy and International Relations*, A Twentieth Century Book (1982); E. J. Mishan, *Introduction to Political Economy*, Hutchinson University Library (1982); G. H. Mooney, *The Valuation of Human Life*, Macmillan

(1977); H. Myint, *The Economics of Developing Countries*, Hutchinson (1980); V. Navarro, *Medicine Under Capitalism* (1975); M. Perlman, *The Economics of Health and Medical Care*, Macmillan (1974); E. S. Phelps, *Altruism, Mortality and Economic Theory*, Russell Sage Foundation, New York (1975); A. K. Sen, *On Economic Inequality*, OUP (1978); A. K. Sen, *Poverty and Famines*, OUP (1982); J. Stern, *Unemployment and its Impact on Morbidity and Mortality*, Centre for Labour Economics, L.S.E. Discussion Paper No. 93; G. J. Stigler, *The Economics of Regulation*, Bell Journal of Management Science and Economics (1971); G. J. Stigler, *The Citizen and the State: Essays on Regulation*, Chicago University Press, Chicago (1975); S. Wells and Khees, *Health Economics and Development*, New York, Praeger Studies (1982); W.H.O., *Guidelines for Health Care Practice in Relation to Cost-Effectiveness*, EURO Reports and Studies 53; *Control of Health Care Costs in Social Security Systems*, EURO Reports and Studies 55; *Economic Research into Health Service Growth: Report on a W.H.O. Workshop*, EURO Reports and Studies 52.

Supplementary Reading List: This is given at the beginning of the course and reflects the special interests of the subject lecturers.

Examination Arrangements: The examination consists of a three hour paper in which three questions have to be answered.

SA6667

Social Dimensions of Health

Teachers Responsible: Mr. John Simons, Centre for Population Studies, Dr. Gillian Walt, Dr. Kris Heggenhougen and Dr. Carol MacCormack, Evaluation and Planning Centre for Health Care, London School of Hygiene and Tropical Medicine; Dr. John Carrier, Room A238 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for: M.Sc. Health Planning and Financing.

Scope: This is a multidisciplinary course drawing on concepts from anthropology, sociology, political science, demography and social psychology. It is intended to build on the core courses of Community Health and Planning and Financing and develop the analytic and evaluate skills of health planners by increasing their understanding of the contributions of the social sciences to health.

Syllabus: Three major areas will be covered: Sociopolitical context of health — organisation of medical care; determinants of health and illness; determinants of resource allocations for health; population dynamics; health and social change. Culture and health — beliefs, behaviour and health; comparative medical systems; individual, social and cultural psychodynamics. Approaches to health planning — interdisciplinary research, planning and evaluation: review of methods; implementation of health plans: review of significant factors.

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 social

dimensions of health in countries at different levels of development.

Teaching Arrangements: This course consists of 24 lectures (SA204) and 15 1½ hour fortnightly seminars (SA205). Students will be expected to participate in seminars and produce at least one seminar paper each term. Seminars are organized by teachers on topics in which they have a special interest. Dr. Jane Lewis of LSE and Dr. Mike Bury of the Medical Sociology Department of Bedford College will also be involved in this course. This course will be given at LSHTM.

Reading List: The following is a basic reading list for the course. D. G. Armstrong, *Outline of Sociology as Applied to Medicine*, Wright (1980); D. Tuckett and J. Kanford (Eds.), *Introducing Readings in Medical Sociology*, Tavistock (1978); D. L. Patrick and G. Scrambler (Eds.), *Sociology As Applied to Medicine*, Baillien Tindale (1982); L. Doyal, *The Political Economy of Health*, Pluto (1979); V. Navarro, *Imperialism, Health and Medicine*, Baywood (1979); D. Conyers, *An Introduction to Social Planning in the Third World*, Wiley (1981); D. Landy, *Culture, Disease and Healing*, Macmillan (1977); A. T. Brownlee, *Community, Culture and Care*, Mosby & Co. (1978); L. Eisenberg and A. Kleinman, *The Relevance of Social Science to Medicine*, D. Reidel & Co. (1981); D. J., Casley and D. A. Lurz, *Data Collection in Developing Countries*, Clarendon Press (1981); M. Bulmer and D. Warwick, *Social Research in Developing Countries: Surveys and Censuses in the Third World*, John Wiley (1983); T. McKeown, *The Role of Medicine*, Blackwell (1979); A. Cochrane, *Effectiveness and Efficiency*, Nuffield Provincial Hospitals Trust (1971); I. Illich, *Medical Nemesis: The Expropriation of Health*, Calder & Boyers (1975); P. Townsend and N. Davidson, *Inequalities in Health*, Pelican (1982); D. Morley, J. Rohde and G. Williams, *Practising Health for All*, OUP (1983); R. Dubos, *Mirage of Health*, Doubleday (1959).

Supplementary Reading List: This will be given at the beginning of the course and reflects the special interests of the subject teachers.

Examination Arrangements: The examination consists of a three hour paper of which three questions have to be answered.

SA6668

Health Care and Epidemiology

(Not available 1986-87)

Introduction to the Study Guides

M.Sc. in

Social Work Studies (Option 2)

AND

M.Sc. in Social Policy and Social Work Studies (Option 3)

The courses combine 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 both the closeness of the links between learning in fieldwork and at the School, and also 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 current fieldwork experience. Students are expected to demonstrate an ability to relate the theoretical exploration of their chosen topic to its practical application to a particular area of social work practice.

SA6680**Theories and Practice of Social Work**

Teacher Responsible: Rose Rachman, Room A271 (Secretary, Geraldine Shaw, A253)

Course Intended Primarily for M.Sc. in Social Policy and Social Work Studies (Option 3).

Scope: The Social Work Practice course extends throughout the two years, and includes both introductory and advanced level teaching. The course has 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.

Syllabus: The course begins 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. Followed by value orientations underlying social work, and different ways of conceptualising it. The knowledge base, genericism and specialism. 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. Some 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.

Reading List: This will be given in class.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus.

SA6681**Psychology, Human Growth and Behaviour**

Teacher Responsible: Mr. D. B. Cornish, Room A262 (Secretary, Geraldine Shaw, A253)

Examination and Component Courses Intended for M.Sc. Social Policy and Social Work Studies.

Scope: 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 abnormal human development and behaviour throughout the lifespan; and to examine the application of this material to the professional social work practice.

Syllabus: The core courses in this subject field are **Human Growth and Behaviour, Psychology, Theories in Clinical Psychiatry, Child Psychiatry and Mental Handicap.** The syllabus 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; disability; basic principles of child psychiatry; the causes, nature and epidemiology of mental handicap; an introduction to personality theories and their relevance to social work practice; behavioural treatment approaches; social and professional skills training; person perception; group structure and processes; environmental psychology.

Pre-Requisites: No previous knowledge of the subject field is required.

Teaching Arrangements: Lectures and Seminar courses for this paper are as follows:

First Year:

SA302 **Perspectives on Social Problems**, 15 lectures, Michaelmas and Lent Terms

SA316 **Social Work Practice**, seminars, Sessional

SA320 **Psychology and Social Work**, 20 lectures, Michaelmas and Lent Terms

SA321 **Psychology and Social Work**, seminars, 15 seminars, Michaelmas and Lent Terms.

SA303 **Human Growth and Behaviour**, 20 lectures, Michaelmas and Lent Terms

SA305 **Adult Psychiatry**, 10 lectures, Lent Term

SA306 **Child Psychiatry**, 10 lectures, Michaelmas Term

SA307 **Mental Handicap**, 4 lectures, Summer Term

SA312 **The Social Work Special Study Seminars**, 15 seminars, Michaelmas and Lent Terms

SA315 **Social Work Studies**, 27 seminars, Sessional
Some of the above courses, or parts thereof, are provided by outside speakers with particular expertise in the field.

Written Work: See above (tutorials). 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 second year of the M.Sc. course. Three questions are to be attempted – at least one from Part One (Psychology) and one from Part Two (Human Growth and Behaviour). The remaining question can be chosen from either Part.

SA6699**Health Planning and Financing – Report**

Teachers Responsible: Course convenor and tutor.

Course Intended Primarily for M.Sc. Health Planning and Financing.

Scope: The purpose is to allow students to explore, in depth, aspects in the general area of planning and financing of health care policies; 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 convenor and tutor by the third week of term and the final title of the Report should be submitted to the course convenor 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. The candidate may be examined orally if the examiners consider this appropriate.

SA6700**Social Work Studies**

Teacher Responsible: Zofia Butrym, Room A252 (Secretary, Geraldine Shaw, A253)

Course Intended Primarily for M.Sc. in Social Work Studies, Option 2.

Scope: These courses have a dual aim. They seek to help students attain a sound grasp of the theoretical knowledge underpinning social work and at the same time to equip them with the basic social work practice knowledge and skills necessary for the beginning professional practitioner.

Syllabus: The role of social work in contemporary society. The impact of public attitudes, social policies and legislation. Value orientations underlying social

work and their relationship to professional ethics. Social control, social caring and social change. The knowledge of social work. Genericism and specialism. The nature of the social work process of study, assessment and helping and the various ways of conceptualising it. The impact of psychoanalytical theory, self-theories, ego psychology, learning theory on models of practice. Differential approaches in relation to agency function and client groups, e.g. crisis intervention, task-centred and time-limited work, behavioural therapy, marital and family therapy. The nature of therapeutic relationships and the social context of interviews. Evaluation and research in social work practice. Students will be expected to bring illustrations from their practical supervised experience in the field, for analysis and discussion. Some case material will be supplied to illustrate work with children, adolescents, elderly persons, those who are depressed; instances of child abuse and of aggressive clients; particular attention will also be given to residential care; fostering, adoption and to direct work with children.

Pre-Requisites: A first degree in the social sciences and at least one year's employment in social work.

Teaching Arrangements:

SA315 **Social Work Studies**, 25 weekly seminars.

SA316 **Social Work Practice**, 25 weekly seminars.

Other courses of relevance include:

SA302 **Issues and Problems in Society**, 15 lectures, Michaelmas and Lent Terms.

SA303 **Human Growth and Behaviour**, 20 lectures, Michaelmas and Lent Terms.

SA305 **Themes in Clinical Psychiatry**, 10 lectures, Michaelmas Term.

SA306 **Child Psychiatry**, 10 lectures, Lent Term.

SA307 **Mental Handicap**, 4 lectures, Summer Term.

SA308 **Probation Practice and Policy**, 10 seminars, Michaelmas Term.

SA309 **Group Processes and Group Work**, 15 lectures, Michaelmas and Lent Terms.

SA311 **Social Policy and Administration**, 15 lectures, Michaelmas and Lent Terms.

SA312 **Special Study Seminars**, 15 seminars, Michaelmas and Lent Terms.

SA313 **Law, Rights and Social Work**, 12 lectures, Lent Term.

SA314 **Social Work Legislation**, 6 lectures, Summer Term.

SA317 **Issues in Social Policy**, 15 seminars, Michaelmas and Lent Terms.

SA320 **Psychology and Social Work**, 10 lectures, Michaelmas Term.

SA326 **Innovation in Social Work**, 6 lectures, Summer Term.

Reading List: No single book covers the syllabus. Reading lists and guidance are provided at the start of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus for the courses listed in teaching in both fieldwork and tutorials as described in the Introduction to the M.Sc. Study Guides. Candidates must attempt to answer three out of ten questions and one-third of the marks are awarded for each of the three answers.

SA6701**Social Problems and Social Services**

Teachers Responsible: Professor H. Glennerster, Room A279 (Secretary, Rachel Mawhood, A255), Mike Reddin, Room A281 (Secretary, Elizabeth Plumb, A280) and Dr. S. P. Mangen, Room A261 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for M.Sc. in Social Work Studies – Option 2 (one year).

Scope: The aim of the course is to bring students up to date on recent developments in social service provision and in the literature of social policy and administration.

Syllabus: The boundaries of social policy and administration as a field of study and its relevance to social work. A review of post war developments. Recent developments in relations between central and local government, the finance of the social services, social security and the social division of welfare, poverty and inequality, housing policy and urban deprivation, the National Health Service, the personal services and social work, educational policy, and race relations. A review of recent theoretical and conceptual literature.

Pre-Requisites: A general knowledge of the subject field to first degree graduate level.

Teaching Arrangements:

SA311 **Social Policy and Administration**, 15 lectures Michaelmas and Lent Terms.

SA317 **Issues in Social Policy**, 15 seminars Michaelmas and Lent Terms.

SA328 **Social Policy revision seminars**, 4 Summer Term.

Students will be expected to integrate knowledge from the rest of their courses and their practical work, in contributing to seminars and answering examination questions.

Reading List: No one book covers the syllabus. Reading lists and guidance are provided at the start of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. Candidates must answer *three* questions.

SA6702**Human Growth and Behaviour**

Teacher Responsible: Dr. Shula Ramon, Room A273 (Secretary, Geraldine Shaw, A253)

Examination and Component Courses Intended Primarily for M.Sc. in Social Work Studies (Option 2 and 3).

Scope: The aim of this series of courses is to provide a basic grounding in normal and abnormal human development and behaviour throughout the life span, and to examine the application of this material to professional social work practice.

Syllabus: The core courses in this subject field are **Human Growth and Behaviour, Psychology, Theories in Clinical Psychiatry, Child Psychiatry and Mental Handicap**. The syllabus 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 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; disability. Basic principles of child psychiatry. The causes, nature and epidemiology of mental handicap. An introduction to personality theories and their relevance to social work practice; psychodynamic and behavioural approaches; social skills training; person perception; environmental psychology.

Pre-Requisites: A first degree in the social sciences and at least one year's employment in social work.

Teaching Arrangements:

SA302 **Issues and Problems in Society**, 15 lectures, Michaelmas and Lent Terms.

SA303 **Human Growth and Behaviour**, 20 lectures, Michaelmas and Lent Terms.

SA305 **Themes in Clinical Psychiatry**, 10 lectures, Michaelmas Term.

SA306 **Child Psychiatry**, 10 lectures, Michaelmas Term.

SA307 **Mental Handicap**, 4 lectures, Lent Term.

SA312 **The Social Work Electives**, 15 seminars, Michaelmas and Lent Terms.

SA315 **Social Work Studies**, 27 seminars, Sessional.

SA316 **Social Work Practice**, 27 seminars, Sessional.

SA320 **Psychology and Social Work**, 20 lectures, Sessional.

Some of the above courses are taught by external lecturers with particular expertise in the field.

Reading List: No one book covers the entire syllabus. Reading lists will be provided by those responsible for individual courses and students should consult staff responsible for individual courses for particular guidance.

Examination Arrangements: One three-hour formal examination in the Summer Term. Ten questions are set of which three are to be attempted.

SA6703**Social Policy and Administration**

Teachers Responsible: Dr. S. Mangen, Room A261 and Professor H. Glennerster, Room A279 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for M.Sc. in Social Policy and Social Work Studies (Option 3).

Scope: The aim in the first year is to introduce the subject area, both the theoretical aspects that underlie the study of social policy and the practical administration of policy, especially in local authorities. The second year will concentrate on policy and administration in the personal social services, and on client groups whose needs are met, in part, by social workers.

Syllabus: A review of post-war social policy, including an evaluation of its objectives, methods and effectiveness. Problems of the welfare state: e.g.,

poverty and urban deprivation; the persistence of inequality; organisational constraints; economic factors. New developments and the search for solutions; positive discrimination and the priority area approach; the urban aid and the community development programmes; reorganisation of local government, NHS and personal social services; planning and priorities; public participation in planning. Ideology and welfare: the continuing debate.

Teaching Arrangements:**First Year**

SA323 **Introduction to Social Policy and Administration**: 10 lectures Michaelmas Term

SA323a **Introduction to Social Policy**: 10 seminars Michaelmas and Lent Terms

SA302 **Perspectives on Social Problems**: 15 seminars Michaelmas and Lent Terms

SA109 **Sociology and Social Policy**: 20 lectures Michaelmas and Lent Terms

Second Year

SA123 **Personal Social Services**: 10 lectures Michaelmas Term

SA327 **Personal Social Services for Social Work**: 10 seminars Michaelmas and Lent Terms

SA328 **Social Policy revision seminars** 4 Summer Term

Reading List: will be distributed at lectures and seminars.

Examination Arrangements: One three-hour formal examination in the Summer Term of the second year. Three questions must be answered.

SA6740**Social Policy and Planning in Developing Countries**

Teacher Responsible: Dr. A. Hall, Room A260 (Secretary, A244)

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: To provide students with a thorough grounding in social policy and planning in developing countries. The course focuses on the major issues of social policy formulation, methods and techniques appropriate to social planning and provides an introduction to the governmental and economic aspects of social planning in developing countries.

Syllabus: The course consists of four elements each of which is taught separately. Broadly, these cover **Planning Theory and the Context of Planning, Planning Methods, The Governmental Context of Development, and Economic Aspects of Planning in Developing Countries**. Further details are provided below under the heading Teaching Arrangements.

Pre-Requisites: Practical experience of working in government or other relevant organisations concerned with social policy and administration in developing countries.

Teaching Arrangements: Teaching for this paper is provided through lectures, a workshop and classes which are held weekly throughout the academic session. These are:

SA170: **Planning Theory and the Context of Planning**. This series of lectures and class discussions, taught by Dr. C. Moser, Dr. Hall and others deals with the

nature of social planning, examines the social context of planning in developing countries and introduces the student to major policy issues in social planning. These include planning for increased levels of living, redistribution, population, urban development, rural development, education, health, housing, industrial development, national integration and employment.

SA171: **Planning Methods Workshop**. These workshop sessions are intended to acquaint the student with planning techniques appropriate to social planning in developing countries. The sessions include surveys, censuses and indicators, budgeting, cost benefits analysis and simple operations procedures including simulation.

SA174: **The Governmental Context of Development** taught by Dr. G. Philip, introduces students to political and governmental aspects of examining the concept of political development, public opinion and the role of interest groups, the nature of bureaucracy and political culture in developing countries.

SA175: **Economic Aspects of Social Planning in Developing Countries**. These classes, taught by Mr. Piachaud, are designed to provide an introduction to economic issues relevant to social planning in developing countries.

Written Work: Where relevant students will prepare brief papers for discussion in classes. Written work related to the teaching will be set by personal tutors throughout the session. Students will also be expected to undertake preparatory reading in order to participate in class discussions.

Reading List: A detailed reading list is provided for each of the teaching elements described previously. Although no single book covers the syllabus the set books for this course which students should purchase are M. Hardiman & J. Midgley, *The Social Dimensions of Development*; J. Midgley & D. Piachaud (Eds.), *The Field and Methods of Social Planning*.

Other essential reading includes:

S. MacPherson, *Social Policy in the Third World*; D. Conyers, *An Introduction to Social Planning in the Third World*; A. Livingstone, *Social Policy in Developing Countries*; P. Streeten, et al, *First Things First: Meeting Basic Needs in Developing Countries*; J. Goldthorpe, *The Sociology of the Third World*; M. Todaro, *Economics for a Developing World*; O. Mehmet, *Economic Planning and Social Justice in Developing Countries*; G. S. Fields, *Poverty, Inequality and Development*; T. King et al., *Population Policies and Economic Development*; R. Repetto, *Economic Equality and Fertility in Developing Countries*; R. Jolly et al., *Third World Employment*; L. Kuper, *Race, Class and Power*; W. Brandt et al., *North-South: A Programme for Survival*; P. T. Bauer, *Dissent on Development*; World Bank, *The Assault on World Poverty*; World Bank, *World Development Reports, 1978-1986*; United Nations, *1978 World Social Situation Report*; M. Peil, *Social Science Research Methods*, D. J. Casley & D. A. Lury, *Data Collection in Developing Countries*.

Examination Arrangements: There will be a three-hour written examination based on the teaching described previously. Three questions out of about 14 are to be answered. The examination is usually held in mid-June.

SA6741

Problems of Health and Disease

See Planning Health Development SA6761

SA6742

Planning Welfare Services and Social Security

Teacher Responsible: Mike Reddin, A281 (Secretary Elizabeth Plumb, A280) and Ms. Z. Adler, c/o Room A244

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: To acquaint students with the major issues in planning welfare services and social security programmes in developing countries.

Syllabus: Social security and cash benefit programmes in developing countries. 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. The history of welfare services. Current features of welfare services in developing countries. Policy issues in welfare planning. Problems of planning services for the elderly, disabled, children, young offenders, and victims of disasters. Social security services in developing countries. Issues in social policy in the Third World.

Pre-Requisites: Preferably a qualification in social work or experience of welfare services and/or social security administration in developing countries.

Teaching Arrangements: Teaching is provided through a seminar (SA177: *The Planning of Family Welfare Services and Social Security*) which is held weekly throughout the academic session.

A synopsis of the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will usually take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed list for each topic will be provided. Key reading includes:

J. Midgley, *Professional Imperialism: Social Work in the Third World*; and J. Midgley, *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*; M. Clinard & D. Abbott, *Crime in Developing Countries*; S. D. Gokhale & B. Chatterjee (Eds.), *Social Welfare: Legend and Legacy*; N. Hasan, *The Social Security System of India*; ILO, *The Cost of Social Security*; S. K. Khinduka (Ed.), *Social Work in India*; P. Mouton, *Social Security in Africa*; R. Savy, *Social Security in Agriculture*; C. Mesa-Lago, *Social Security in Latin America*.

Examination Arrangements: There will be a three-hour examination based on the topics covered in the seminar. Three questions out of 9 or 10 to be answered. The examination is usually held in mid-June.

SA6743

Rural Development

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: 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.

Syllabus: The nature and the extent of the problem: the significance of the rural-agricultural sector in national development. The characteristics of rural communities and the impact of socio-economic change. Issues and strategies in rural development: land reform, agricultural improvement, settlement schemes, credit, marketing, extension services and co-operatives. The improvement of the rural infrastructure: water supply, roads, rural electrification, health and education. The community development, 'basic needs' and 'conscientization' approaches to rural development. Selection and training of personnel. Administration and evaluation of national plans for rural development. The role of foreign aid.

Pre-Requisites: This paper is one of the options available to Diploma students. Knowledge of rural areas and relevant work experience is desirable but not essential.

Teaching Arrangements: Teaching is by a weekly seminar (SA178) of 1½ hours in the Michaelmas, Lent and first half of the 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 and J. M. Staatz (Eds.), *Agricultural Development in the Third World* (1983); M. Lipton, *Why Poor People Stay Poor: Urban Bias in World Development* (1977); World Bank, *Rural Development Sector Policy Paper* (1975).

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10-12 questions.

SA6744

Social and Economic Aspects of Urbanization

Teacher Responsible: Dr. C. Moser, Room A239.

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: To acquaint students with the major problems and issues of urban development and housing policy in developing countries today.

Syllabus: Definitions of terms and concepts. Characteristics of Third World urbanisation. Urban social problems. Urban development policy. Housing problems. Approaches to housing policy.

Pre-Requisites: Preferably an experience of urban development policy and administration and/or housing administration in a developing country.

Teaching Arrangements: Teaching is provided through a seminar (SA179: *Social and Economic Aspects of Urbanisation*) which is held weekly throughout the academic session. A handout listing the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed reading list for each topic is provided on the handout. General works on the subject which all members of the seminar should read include:

D. J. Dwyer, *People and Housing in Third World Cities*; D. Drakakis-Smith, *Urbanisation, Housing and the Development Process*; O. F. Grimes, *Housing for Low Income Urban Families*; A. Mabogunje, *The Development Process*; H. S. Murison & J. P. Lea (Eds.), *Housing in Third World Countries*; B. Roberts, *Cities of Peasants*; H. Stretton, *Urban Planning in Rich and Poor Countries*; J. F. C. Turner, *Housing by People*; World Bank, *Housing: Sector Policy Paper*; C. Abrams, *Housing in the Modern World*; G. Breese (Ed.), *The City in Newly Developing Countries*; R. Bromley (Ed.), *The Urban Informal Sector*; J. AbuLghod & R. Hay, *Third World Urbanization*; A. Gilbert & J. Gugler, *Cities, Poverty and Development*; M. Peil and P. Sada, *African Urban Society*; R. Skinner & M. Rodell, *People, Poverty and Shelter*; A. Gilbert & P. Ward, *Housing, the State and the Poor*; P. Ward, *Self-Help Housing*.

Examination Arrangements: There will be a three-hour written examination based on the topics covered in the seminar. Three questions out of 9 or 10 are to be answered. The examination is usually held in mid-June.

SA6745

Social Implications of Education and Manpower

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for Diploma in Social Planning in Developing Countries.

Scope: 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.

Syllabus: Key issues in the study of educational systems: education and social and economic development; the contribution of economists, sociologists, and psychologists. Access to schooling, questions of equity and appropriateness. Planning the curriculum in primary, secondary and tertiary education. Vocational, technical and non-formal education; literacy training. The special position of women: education in plural societies: the role of overseas aid and technical co-operation. The role of administrators and educational planners.

Pre-Requisites: This paper is one of the options available to Diploma students. Work experience in education is desirable, but not essential.

Teaching Arrangements: Teaching is by weekly seminar (SA180) of 1½ hours in the Michaelmas, Lent and half of the Summer Term.

For the main 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.

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, as well as further essays.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books:

R. Dore, *The Diploma Disease* (1976); J. Simmons (Ed.), *The Education Dilemma* (1980); World Bank, *Education Sector Policy Paper* (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).

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10 to 12 questions.

SA6760

Social Policy and Planning in Developing Countries

Teacher Responsible: Dr. C. Moser, Room A239. (Secretary, Caroline Raffan, A244)

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries.

Scope: The course is designed to give students a knowledge of the principles of social policy and social planning, and the techniques of planning in relation to the socio-economic and cultural situations of the Third World countries.

Syllabus: Concepts of social policy, social development and social planning. Theories of planning and decision-making. Problems of planning: planners and the political process, values and ideologies, the goals of social planning and alternative strategies. Policy issues in social planning: population, rural development, urbanisation, industrialisation and technology,

unemployment, income distribution, poverty, health, education, welfare, stratification, the role of women and ethnic relations. International aspects of social development, overseas aid. Social research methods and planning techniques: data collection, survey, censuses, social indicators, operational research, cost-benefit analysis and project appraisal, analysis of national plans.

Pre-Requisites: This paper is a compulsory part of the M.Sc. in Social Planning in Developing Countries. Students are expected to have a background in the social sciences and work experience in developing countries. Students should provide themselves with background data on their own countries.

Teaching Arrangements: Teaching is by two seminars a week in the Michaelmas, Lent and half of the Summer Term.

SA172: **Social Policy and Planning in Developing Countries.** 1½ hour seminar taught by **Dr. Moser** and **Dr. Hall.**

A detailed seminar programme is handed out at the beginning of the session. Students are required to prepare themselves to participate by extensive reading and by discussion of topics with their supervisors. Each week one or more students present papers for which they must provide an outline on the blackboard or by handouts.

SA173: **Social Research Methods and Planning Techniques in Developing Countries.** 2-hour seminar taught by **Dr. Bulmer, Dr. Moser, Dr. Hall** and **Mr. Piachaud.**

A detailed seminar programme is handed out by the course teachers. Introductory lectures are given on the different topics, followed by workshop exercises for which students meet in groups out of seminar hours to prepare presentations.

Written Work: In addition to the preparation of seminar papers students will write essays for their tutors on the subject matter of the course.

Reading List: Detailed reading lists will be set out in the seminar programme. The following is an introductory list of books: those asterisked should be purchased.

*M. Hardiman & J. Midgley, *The Social Dimensions of Development: Social Policy & Planning in the Third World*; *J. Midgley & D. Piachaud (Eds.), *The Fields and Methods of Social Planning*; *D. Conyers, *An Introduction to Social Planning in the Third World*; S. MacPherson, *Social Policy in the Third World*; *M. Todaro, *Economics for a Developing World: An Introduction to Principles, Problems and Policies for Development*; A. J. Kahn, *Theory and Practice of Social Planning*; A. Waterson, *Development Planning*; R. Titmuss, *Social Policy: An Introduction*; J. E. Goldthorpe, *The Sociology of the Third World*; E. Boserup, *Women's Role in Development*; V. George & P. Wilding, *Ideology and Social Welfare*; N. Baster, *Measuring Development*; H. Chenery *et al.*, *Redistribution with Growth*; C. Elliott, *Patterns of Poverty in the Third World*; *World Bank, *World Development Reports 1980-1986*; *United Nations, *1978 Report on The World Social Situation*; M. Bulmer & D. Warwick, *Social Research in Developing Countries*; *D. J. Casey & D. A. Lury, *Data Collection in Developing Countries.*

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10-12 questions. The paper is not sectionalised; questions are based on work covered in courses SA172 and SA173.

SA6761

SA6741

Planning Health Development (M.Sc. Social Planning in Developing Countries)

Problems of Health and Disease (Diploma in Social Planning in Developing Countries)

Teacher Responsible: John Carrier, Room A238 (Secretary, Rachel Mawhood, A255)

Course Intended Primarily for those following the one-year Master's and Diploma courses (above) although students reading for the M.Sc. in Social Policy and Planning and the M.Sc. in Sociology are also able to attend and be examined in the course.

Scope: The aim of the papers is to introduce students with a background in planning and social sectoral planning in the Third World to the issues facing such planners in the field of health service provisions and evaluation. Some experience in a planning agency would be appropriate but not an absolutely essential background for study.

Syllabus: Health and ill health in developing countries; The development of health services; indigenous medicine and its relationship with Western medicine; the social, demographic and economic background to the planning of health services; the problems of determining priorities between different parts of health services; the principles of planning primary care and hospital services; the collection and used of health statistics; the financing of health services; the effect of different forms of central, regional and local organisation; the relationships of health and other social services.

Pre-Requisites: As above under Scope, some experience in a planning agency or previous work in the health or other social service field in the Third World would be an advantage, but otherwise the entry requirements for the above courses are sufficient.

Teaching Arrangements: The course covers the Michaelmas/Lent and half of the Summer Term.

The M.Sc. and Diploma students attend the same lectures and seminars (although they sit different examination papers, for which see below under Examination Arrangements). Students will attend lectures SA126 and seminars SA154 which will have a specialist group dealing with health issues in developing countries. The case studies in the past have been drawn from Jordan, Botswana, Lesotho and Papua New Guinea. All students are required to prepare themselves for seminar discussion by reading.

Written Work: Much of the written work required of students is in the form of seminar paper preparation. Each paper should take about 15 minutes to read, and be about 1,000 words in length. All seminar work

papers can be read and discussed by teachers with the student concerned.

Reading List: Below is the minimum necessary reading for this course. Specialised reading for seminar topics will be given out by lecturers responsible for particular aspects of the course. Starred items* should be purchased if possible.

B. Abel-Smith, *Value for Money in Health Services* (Heinemann, 1976) £5.50; B. Abel-Smith, *Poverty, Development and Health Policy: Public Health Papers No. 69* (WHO, 1978); J. Evans *et al.*, *Health Care in the Developing World; Problems of Scarcity and Choice*, New England Journal of Medicine, November 1981; WHO, *Formulating Strategies for Health for All by the Year 2000* (1979); Basil S. Hetzel, *Basic Health Care in Developing Countries* (Oxford University Press, 1978) £4.00; M. Muller, *The Health Nations: A North-South Investigation* (Faber, 1982); K. W. Newell, *Health by the People* (WHO, 1975); WHO, *Sixth Report on the World Health Situation, Parts One and Two* (1980); UNICEF, *Government and the People's Health*, No. 42, April/June 1978; G. Walt & P. Vaughan, *An Introduction to the Primary Health Care Approach in Developing Countries* (Ross Institute Publication, No.13, July 1981); G. E. W. Wolstenholme & K. M. Elliott, *Human Rights in Health* (Ciba Foundation Symposium 23, Associated Scientific Publishers, 1974); World Bank, *Health Sector Policy Paper* (World Bank, 1980).

Supplementary Reading List: This is given out at the beginning of the course, reflects the special interest of the subject lecturers.

Examination Arrangements: The M.Sc. and Diploma Students are examined in separate papers although the subject matter examined is similar. The M.Sc. paper is a conventional three-hour paper; three questions have to be answered from a choice of about 12/15 set questions. Each question carries the same marks. The Diploma students also have to answer three questions from a choice of about 10/12 questions. All questions carry the same marks. No one taking this paper can be examined in Paper SA6661.

SA6762

Planning Welfare Services and Social Security

Teacher Responsible: Mike Reddin, Room A281 (Secretary, Elizabeth Plumb, A280) and Ms. Z. Adler, c/o Room A244

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries.

Scope: To acquaint students with policy issues and problems in planning family welfare and social security services in developing countries.

Syllabus: Social Security and cash benefit programmes in developing countries. 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. The nature of family welfare services. Issues in welfare planning: the role of residential care, voluntary action and traditional responses. Administrative problems. The contribution of professional social work.

Pre-Requisites: Preferably a qualification in social work or experience of working in welfare services and/or social security administration in developing countries.

Teaching Arrangements: Teaching is provided through a seminar (SA177: **The Planning of Family Welfare Services and Social Security**) which is held weekly throughout the academic session.

A synopsis of the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will usually take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed reading list for each topic will be provided. Key reading includes:

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*; M. Clinard & D. Abbott, *Crime in Developing Countries*; S. D. Gokhale & B. Chatterjee (Eds.), *Social Welfare: Legend and Legacy*; N. Hasan, *The Social Security System of India*; ILO, *The Cost of Social Security*; S. K. Khinduka (Ed.), *Social Work in India*; P. Mouton, *Social Security in Africa*; R. Savy, *Social Security in Agriculture*; C. Mesa-Lago, *Social Security in Latin America.*

Students are also encouraged to consult the following journals which contain many relevant articles:

International Social Work; International Social Security Review.

Examination Arrangements: There will be a three-hour examination based on the topics covered in the seminar. Three questions out of 9 or 10 to be answered. The examination is usually held in mid-June.

SA6763

Social and Economic Aspects of Urbanisation

Teacher Responsible: Dr. C. Moser, Room A239

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries.

Scope: To acquaint students with the major social and economic problems of Third World urbanisation and the policies designed to deal with them.

Syllabus: The nature and extent of urbanisation in developing countries. Major social and economic problems of Third World urbanisation. Urban development policy approaches: urban decentralisation, urban planning and management, urban control measures. Approaches to urban housing policies in developing countries.

Pre-Requisites: Preferably an experience of urban development policy and administration and/or housing administration in a developing country.

Teaching Arrangements: Teaching is provided through a seminar (SA179: **Social and Economic Aspects of Urbanisation**) which is held weekly throughout the academic session. A handout listing the topics to be covered each week will be provided at the first meeting of the seminar.

Written Work: Members of the seminar will take turns to present a paper for discussion on the topics. All will be expected to undertake preparatory reading in order to participate in the discussions.

Reading List: A detailed reading list for each topic is provided on the handout. General works on the subject which all members of the seminar should read include: D. J. Dwyer, *People and Housing in Third World Cities*; D. Drakakis-Smith, *Urbanization, Housing and the Development Process*; O. F. Grimes, *Housing for Low Income Urban Families*; A. Mabogunje, *The Development Process*; H. S. Murison & J. P. Lea (Eds.), *Housing in Third World Countries*; B. Roberts, *Cities of Peasants*; H. Stretton, *Urban Planning in Rich and Poor Countries*; J. F. C. Turner, *Housing by People*; World Bank, *Housing: Sector Policy Paper*; C. Abrams, *Housing in the Modern World*; G. Breese (Ed.), *The City of Newly Developing Countries*; R. Bromley (Ed.), *The Urban Informal Sector*; J. AbuLghod & R. Hay, *Third World Urbanization*; A. Gilbert & J. Gugler, *Cities, Poverty and Development*; M. Peil and P. Sada, *African Urban Society*; R. Skinner & M. Rodell, *People, Poverty and Shelter*; A. Gilbert & P. Ward, *Housing, the State of the Poor*; P. Ward, *Self-Help Housing*.

Examination Arrangements: There will be a three-hour written examination based on the topics covered in the seminar. Three questions out of 9 or 10 are to be answered. The examination is usually held in mid-June.

SA6764

Rural Development

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for M.Sc. in Social Planning in Developing Countries.

Scope: 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.

Syllabus: The nature and extent of the problem: the significance of the rural-agricultural sector in national development. The characteristics of rural communities and the impact of socio-economic change. Issues and strategies in rural development: land reform, agricultural improvement, settlement schemes, credit, marketing, extension services and co-operatives. The improvement of the rural infrastructure: water supply, roads, rural electrification, health and education. The community development, 'basic needs' and 'conscientization' approaches to rural development. Selection and training of personnel. Administration and evaluation of national plans for rural development. The role of foreign aid.

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: Teaching is by a weekly seminar (SA178) of 1½ hours in the Michaelmas, Lent and first half of the 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 and J. M. Staatz (Eds.), *Agricultural Development in the Third World* (1983); M. Lipton, *Why Poor People Stay Poor: Urban Bias in World Development* (1977); World Bank, *Rural Development Sector Policy Paper* (1975).

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10-12 questions.

SA6765

Social Implications of Education and Manpower

Teacher Responsible: Dr. Anthony Hall, Room A260 (Secretary, Caroline Raffan, A244)

Course Intended Primarily for M.Sc. in Social 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.

Scope: 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.

Syllabus: Key issues in the study of education systems: education and social and economic development, the contribution of economists, sociologists, and psychologists. Access to schooling, questions of equity and appropriateness. Planning the curriculum in primary, secondary and tertiary education: vocational, technical and non-formal education; literacy training. The special position of women: education in plural societies: the role of overseas aid and technical co-operation. The role of administrators and educational planners.

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: Teaching is by a weekly seminar (SA180) of 1½ hours in the Michaelmas, Lent and first half of the Summer Terms.

For the main 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.

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, as well as further essays.

Reading List: A detailed reading list is included in the seminar programme. The following is an introductory list of books:

R. Dore, *The Diploma Disease* (1976); J. Simmons (Ed.), *The Education Dilemma* (1980); World Bank, *Education Sector Policy Paper* (1980); A. R. Thompson, *Education and Development in Africa* (1981); G. Psacharopoulos and M. Woodhall, *Education for Development: An Analysis of Investment Choices* (1985); K. Lillis (Ed.), *School and Community in Less Developed Areas* (1985).

Examination Arrangements: There is a three-hour written examination paper in June. Students are required to answer three questions from a choice of 10 to 12 questions.

SA6770

Housing Policy and Administration

Teacher Responsible: Dr. Anne Power, Room A226 and Dr. P. Dunleavy, Room L301/2

Course Intended Primarily for Diploma in Housing. **Scope:** This is the core course for the first year of the Housing Diploma. It covers:

- (1) The history of housing policy from the later 19th century onwards, with special emphasis on post-war policy.
- (2) The organisation and influences which structure contemporary housing policy formulations;
- (3) The ways in which policy analysis may be applied to improving housing policy.

Syllabus:

History of Housing Policy in Britain: Nineteenth century origins of housing policy; the role of housing reformers; the beginnings of slum clearance and other powers for local authorities. The inter-war period and the first large-scale public housing drive; major house-building era in the 1930's; the spread of low-cost home ownership. The post-45 reconstruction, the rationing of housing and the "mass housing" boom; decontrol and the reliance on market forces, the major slum clearance drive from the late 1950's; the decline in new public housing following on from the unpopularity of modern "estate" concept; the shift to rehabilitation, to universal home-ownership goals and council house sales.

Policy Formation in Housing: The influence of bureaucracies and professions on policy formation; national housing legislation and the roles of political parties, ministers and civil servants, housing interest groups, housing-related professions, local authority associations and public sector unions; the formation of housing policy at the local level; management, relations with clients, issues of access to housing; the implications of central-local relations.

Housing Policy Analysis: Policy analysis methods; the range of debate in housing policy; key contemporary problems would include the residualisation of public housing, emergence of priority estates, decentralisation and privatisation, allocation and access to housing,

council house sales, rehabilitation of housing, and policies for the private sector; housing futures in Britain, and the forecasting of alternative scenarios.

Teaching Arrangements: Core teaching for this paper is provided by 25 lectures (SA187) and 25 seminars (SA187a) Lectures by Anne Power and Patrick Dunleavy; seminars by Anne Power.

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 (Dr. P. Dunleavy, Michaelmas Term).

Reading List: J. Burnett, *A Social History of Housing*; B. Cullingworth, *Council Housing: Purposes, Procedures and Priorities*; D. Donnison & C. Ungerson, *Housing Policy*; H. Dyos & M. Wolff, *The Victorian City*; D. Englander, *Landlord and Tenants in Edwardian England*; E. Gaudie, *Cruel Habitations*; S. Merrett, *State Housing in Britain*; M. Swenarton, *Homes Fit for Heroes*; J. Tarn, *Five Per Cent Philanthropy*; 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 of Public Policy Analysis*; A. Power, *Local Housing Management*.

Examination Arrangements: There is a three-hour formal written examination in June. A specimen paper will be provided well in advance of the examination. Students are advised to consult the specimen question papers which will be issued during the second term of the course to familiarize themselves with the examination format.

SA6771

Social Policy and Social Structure

Teacher Responsible: Brian Abel-Smith, Room A243 and Professor R. Pinker, Professor T. Morris and others

Course Intended Primarily for Diploma in Housing. **Scope:** To introduce students to basic concepts in social policy and social structure in modern Britain.

Syllabus: as in *Calendar* under SA5600 and So5809.

Teaching Arrangements: 48 lectures (SA100 and So120). These lectures will be backed up and integrated with the rest of the course in tutorial teaching with required essays.

Reading List:

Social Policy:

M. Brown, *Introduction to Social Administration* (fifth edition), Hutchinson 1982; M. Hill, *Understanding the Welfare State*, B. Blackwell and M. Robertson 1982; J. Le Grand and R. Robinson, *The Economics of Social Problems*, Macmillan 1976; D. V. Marsh, *The Welfare State*, Longmans 1980; T. Marshall, *Social Policy*, Hutchinson 1975; W. A. Robson, *Welfare State and Welfare Society*, Allen & Unwin 1976; R. M. Titmuss, *Social Policy: An Introduction*, Allen & Unwin 1975; H. Glennerster, *Paying for Welfare*.

Social Structure:

P. Abrams, *Work, Urbanisation and Inequality*; A. H. Halsey, *Change in British Society*; T. Noble, *Structure and Change in Modern Britain*; J. Westergaard and H. Resler, *Class in a Capitalist Society*.

Examination Arrangements: There is a three hour formal written examination in June. Students must answer four questions.

SA6772**Legal Framework of Housing Studies**

Teacher Responsible: Michael Zander, Room A303 and Martin Loughlin, Room A355

Course Intended Primarily for Diploma in Housing.

Scope: To provide an introduction to the English Legal system and relate it to housing policy in both public and private sectors.

Syllabus: The course is in two parts.

Part I will cover the English legal system, the law-making process, courts, lawyers, legal aid, family law, social security law and immigration law. See Calendar LL5000.

Part II will cover: (1) Introduction; legal concepts relating to housing. (2) Private rented sector; security of tenure, rent regulation. (3) Public rented sector; allocation policies, managements, rents, sales. (4) Homelessness; squatting, responsibilities of local housing authorities. (5) Housing conditions, repairs, unfitness, statutory nuisances, over-crowding, clearance, improvement.

Teaching Arrangements: Students will attend 10 lectures (LL103 and LL105) of Michael Zander's course, the English Legal System, 10 lectures (SA313) in the Lent Term on Law and Social Work, 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: Cases and Materials on the English Legal System; Social Workers, Their Clients and the Law*; D. Hughes, *Public Sector Housing Law*; D. Hoath, *Council Housing Homelessness*; A. Arden, *Manual of Housing Law*; A. Arden and M. Partington, *Housing Law*; A. Arden, *The Housing Act 1980*.

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. C. M. E. Whitehead, Room S579 (Secretary, Ms. Pandora Geddes, S478), Professor H. Glennerster, Room A279 (Secretary Rachel Mawhood, A255) and David Piachaud, Room A284

Course Intended Primarily for Diploma in Housing.

Scope: The course provides an introduction to economics which is then applied to the particular problems of housing economics and finance. There is also a short introduction to the application of accountancy techniques to housing.

Syllabus: 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 choice, 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 financing and subsidy system as applied to the public sector – the regulatory framework of the 1970's and 1980's Housing Revenue Accounts, investment, allocation and pricing decisions, housing associations the operation of income related subsidies and their relationship to housing demand and allocation comparative analysis of tenures; attributes, access, subsidy.

The third part deals with the principle and functions of housing accounts; budgeting, auditing and financial control.

Teaching Arrangements: 10 lectures: **Social Economics** – David Piachaud (SA130) M; 25 lectures: **Housing Economics and Housing Finance** (SA186) Christine Whitehead, Professor Howard Glennerster and an accountant (L15; S10). Classes: (SA186a) integrating the two courses (10M, 10L, 5S), David Piachaud.

Reading List: Detailed reading lists will be provided at the beginning of each course. Relevant texts include: R. G. Lipsey, *Introduction to Positive Economics*; N. Hepworth, *The Finance of Local Government*; D. MacLennan, *Housing Economics*; S. Lansley, *Housing and Public Policy*; R. Robinson, *Housing Economics and Public Policy*; N. Hepworth, A. Gray and J. Odling-Smee, *Housing Subsidies and Accounting Manual*; H. Glennerster, *Paying for Welfare*.

Examination Arrangements: There is a three-hour formal written examination in June. Four questions must be answered.

SA6780**Management Studies and Environmental Psychology**

Teacher Responsible: Derek Cornish, Room A262

Course Intended Primarily for Diploma in Housing.

Scope: This is a two part course which introduces students to

(a) environmental psychology with particular emphasis on the built environment

(b) basic theories of management with an emphasis on organisational behaviour and human resource management.

Syllabus: Environmental Psychology:

History and development of environmental psychology; early studies of environmental influence. Studying the environment – conceptualisations of the environment; measuring environmental variables;

perceptions and cognitive representations of the environment; measuring reactions to environmental variables. Environmental stressors. Environment and social interaction. Effects of the built environment – implications for housing design. Environment and crime. Neighbourhoods, communities and crime.

Management Studies: Organisation theory, organisational systems and scales of organisation; local structures and local organisations in relation to housing management; management techniques and management control; government and local planning; planning control, and corporate planning; the relevance of community action, community control and community participation; industrial training; job planning, worker participation; industrial relations; public relations; personnel selection; negotiation; communication; professional skills.

Teaching Arrangements: 10 lecture/seminars in **Environmental Psychology** by Derek Cornish in the Lent Term (SA195).

10 lecture/seminars in **Management Studies** in the Summer Term (SA195). In addition, there will be 25 **Housing** seminars which will integrate the teaching on these two courses with field experience and the long essay (SA195a).

Reading List: Environmental Psychology:

T. Lee, *Psychology and the Environment*, Methuen, 1976. A more detailed bibliography will be provided at the beginning of the course.

Management Studies: Edmund Brooks, *Organisational Change: The Managerial Dilemma*, Macmillan; E. Dale & L. Michelon, *Modern Management Methods*, Pelican; P. Drucker, *Management*, Pan Business Management; A. Fowler, *Personnel Management in Local Government*, *Institute of Personnel Management*; Charles Handy, *Understanding Organisations*, Penguin; Robert J. Haynes, *Organisation Theory and Local Government*, George Allen & Unwin; T. Peters & R. Waterman, *In Search of Excellence*, Harper & Row; Mike Vincent, *Introduction to Industrial Relations*; V. Vroom & E. Deci (Eds.), *Management and Motivation*, Penguin.

Examination Arrangements: There is a two hour written examination in June. A specimen paper will be provided well in advance of the examination.

SA6781**Building Studies**

Teacher Responsible: Michael Hatchett, (Bartlett School of Architecture and Planning, University College, London)

Course Intended Primarily for Diploma in Housing second year students.

Scope: 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.

Syllabus: A series of lecture/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 site visits and a field study programme undertaken by the students during their work as housing trainees.

Teaching Arrangements: 25 combined lectures/seminars of two hours each in Michaelmas, Lent and Summer Terms (SA190)

Reading List: W. B. McKay, *Building Construction*, Longmans, 1982, Vols. 1-4; Mitchell, *Building Construction Series*; B. T. Batsford and A. Woodhead, *House Construction – A Basic Guide*, Institute of Housing, 1985.

Examination Arrangements: There is a three hour written examination in June. A specimen paper will be provided well in advance of the examination.

SA6782**Housing Planning and Urban Development**

Teachers Responsible: Professor Derek Diamond, Room S405 and Dr. Anne Power, Room A226

Course Intended Primarily for Diploma in Housing

Scope: This is a course which introduces students to the geographical perspectives of urban housing.

Syllabus:

The Geography of Housing: This course is designed to introduce students to the geographical perspectives on urban housing and the contribution that such a perspective can make to discussion of housing policies. Particular emphasis will be placed on the characteristics of the spatial outcomes created by the social, economic and political affecting the distribution of housing. Attention will be drawn to the way in which the local or neighbourhood scale relates to the urban and national scales. The use of effectiveness of spatial concepts in public policies designed to influence housing provision will form the third element of the course. This course will help students understand the relationships between the different facets of housing and the way in which housing policy relates to and is affected by other aspects of urban and regional policy.

(i) **Urban Social Geography;**

(ii) **Theories of Urban Spatial Structure;**

(iii) **Urban Applications of Concepts of Spatial Organisation** (e.g. accessibility, segregation, local labour markets).

Teaching Arrangements: 10 lecture/seminars (SA197) in the **Geography of Housing** by Professor Diamond in the Michaelmas Term. In addition, there will be 25 **Housing** seminars (SA197a) taken by Dr. Anne Power integrating this course with field experience and the long essay.

Reading List: K. Bassett & J. Short, *Housing and Residential Structure*; L. S. Bourne, *The Geography of Housing*, 1981; D. R. Diamond, "Spatial Analysis and Social Planning" in Midgley and Piachaud (Eds.) *The Fields and Methods of Social Planning*, 1984; P. Hall, *The Inner City in Context*, 1981; D. Harvey, *Social Justice and the City*, 1973; D. Herbert, *Urban Geography: a Social Perspective*, 1972; P. Jackson &

S. Smith, *Exploring Social Geography*, 1984; P. Knox, *Urban Social Geography*, 1982; D. Ley, *A Social Geography of the City*, 1983; B. T. Robson, *Urban Social Areas*, 1975.

Examination Arrangements: There is a two hour examination in June. A specimen paper will be produced well in advance of the examination.

SA6783

Housing Essay

Teacher Responsible: The Course Director, Dr. Anne Power, Room A226

Course Intended Primarily for Diploma in Housing
Scope: An essay of not more than 5,000 words on a housing 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. It may involve original field work, or the analysis and appraisal of existing literature.

Syllabus: Throughout the second year there will be a weekly housing seminar to integrate the second year teaching course, to discuss and evaluate students' field experience and to provide a focus for the essay topics. Students will pursue their long essay work under the supervision of their tutor during the second year of their studies. They will agree with their tutor, and submit to the Course Director, a title for the essay by November 1st in the second year. Tutors can be expected to offer advice on reading, guidance on the construction of the work and comments on an initial draft.

Examination Arrangements: The essay must be submitted to the Course Director by May 1st in the student's second year. 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 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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

Lecture/ Seminar Number		Study Guide Number
So100	Principles of Sociology Professor P. S. Cohen	23/MLS So5802
So102	Statistics Research and Sociology (Not available 1986-87) Mr. G. Rose	5/S So102
So103	Issues and Methods of Social Research Class Dr. C. T. Husbands	34/MLS So5801; So6960
So104	Comparative Social Structures I Dr. I. Roxborough and Dr. A. D. Smith	24/MLS So5820
So105	Comparative Social Structures II Mr. M. C. Burrage and others	30/ML So5830
So106	Sociological Theory Dr. J. M. Mann	20/ML SA5725; So5821; So6815
So110	Contemporary Sociological Theory (Not available 1986-87) Professor P. S. Cohen, Dr. L. A. Sklair and Dr. N. Mouzelis	20/ML So5989
So111	Social and Moral Philosophy Dr. E. Barker	25/MLS So5810
So112	Sociology of Knowledge and Science Dr. A. W. Swingewood	20/ML So5946
So113	Society and Literature Dr. A. W. Swingewood	20/ML So5945
So114	The Psychoanalytic Study of Society Dr. C. R. Badcock	24/MLS So5960
So120	The Social Structure of Modern Britain Professor Terence Morris, Mr. C. M. Langford, Dr. P. Rock et al	30/ML So5809; SA6771; SA5623
So121	The Social Structure of the Soviet Union Dr. E. A. Weinberg	25/MLS So5860
So122	The Development of Modern Japanese Society Professor K. E. Thurley	22/MLS So5861
So123	Social Structure and Politics in Latin America Dr. I. Roxborough	23/MLS So5862

Lecture/ Seminar Number		Study Guide Number	
So130	Political Sociology (<i>alternate years</i>) Dr. C. T. Husbands and Mr. A. W. G. Stewart	22/MLS	Gv4042; So5880
So131	Political Processes and Social Change (<i>Not available 1986-87</i>) (<i>alternate years</i>) Mr. A. W. G. Stewart	23/MLS	Gv4041; So5881; So6852
So132	Sociology of Development (<i>Not available 1986-87</i>) Dr. N. Mouzelis and Dr. L. Sklair	20/ML	So5882; So6831
So133	Theories and Problems of Nationalism Dr. A. D. S. Smith, Professor P. S. Cohen Mr. J. B. L. Mayall and Mr. G. Schöpflin	20/ML	So5883; So6831; So6850
So134	Urban Sociology (<i>alternate years</i>) (<i>Not available 1986-87</i>) Dr. C. T. Husbands	22/MLS	So5916
So140	Industrial Sociology Dr. S. R. Hill	20/ML	So5917
So141	Sociology of Sex and Gender Roles (<i>Not available 1986-87</i>) Dr. L. A. Sklair and Dr. J. Lewis	24/MLS	So5918
So142	Sociology of Religion (<i>alternate years</i>) Dr. E. Barker	25/MLS	So5921
So143	Criminology Professor Terence Morris	20/MLS	So5919
So144	Sociology of Deviant Behaviour Dr. P. E. Rock and Dr. D. M. Downes	10/L	SA5734; So5920
So145	Sociology of Medicine Dr. S. Taylor	20/ML	So5922
So150	Social Theory and Social Structure Seminar (<i>Not available 1986-87</i>) Professor P. S. Cohen and Dr. S. R. Hill	25/MLS	
So152	Methods of Social Investigation (<i>Not available 1986-87</i>) Mr. G. Rose	12/MLS	So6960
So160	Design and Analysis of Social Investigations Dr. C. T. Husbands	26/MLS	So6800
So161	Design and Analysis of Social Investigations: Special Topics Dr. C. T. Husbands	10/ML	So6800
So162	Social Structure of Industrial Societies – Seminar Dr. E. A. Weinberg	25/MLS	So6830; So6969

Lecture/ Seminar Number		Study Guide Number	
So163	Sociology of Development – Seminar Dr. N. Mouzelis, Dr. I. Roxborough and Dr. A. D. Smith	24/MLS	So6831
So165	Sociology of Deviant Behaviour – Seminar Dr. P. E. Rock, Dr. D. M. Downes, and Professor Terence Morris	25/MLS	So6881
So166	Sociology of Religion – Seminar Dr. E. Barker	30/MLS	So6880
So167	Theories of Political Sociology (<i>alternate years</i>) Mr. A. W. G. Stewart	22/MLS	So6853
So168	Political Stability and Change – Seminar (<i>Not available 1986-87</i>) (<i>alternate years</i>) Mr. A. W. G. Stewart	22/MLS	So6852
So169	Nationalism – Seminar Dr. A. D. Smith, Professor P. S. Cohen and Mr. J. B. L. Mayall	25/MLS	So6850
So170	The Political Sociology of Latin America Dr. I. Roxborough	17/MLS	So6854
So171	Sociological Theory – Seminar Dr. J. M. Mann	22/MLS	So6815
So172	Comparative European Social Structures (<i>Not available 1986-87</i>)	15/MLS	So6969
So183	Research Class for M.Phil. Students Dr. J. M. Mann	MLS	So183
So184	Research Seminar on the Sociology of Crime and Deviance Dr. P. E. Rock and Dr. D. M. Downes	25/MLS	So184
So185	Research Seminar in Political Economy and Social Stratification (<i>Not available 1986-87</i>) Dr. C. Crouch and others	15/MLS	So185
So186	Sociology Department Research Seminar Dr. J. M. Mann	10/MLS	So186
So187	Sociology of Literature Dr. A. W. Swingewood	12/MLS	So187
So188	Graduate Seminar on the Sociology of Sex and Gender Roles Dr. J. Lewis	MLS	So188

Study Guides

Statistics Research and Sociology

(Not available 1986-87)

Teacher Responsible: Mr. G. Rose, Room S667 (Secretary, Miss J. Johnson, S779)**Course Intended Primarily for** B.Sc. (Econ.) Part II; First year Sociology specialists; Dip. Soc.**Scope:** These lectures are intended to provide links between the statistics course SM202 and the other first year sociology courses.**Syllabus:** The role of statistics in social research and in sociological analysis. Examples will be chosen from recent British studies.**Teaching Arrangements:** Five lectures (So102), 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:** Non-examinable.

So102

Research Class for M.Phil. Students

Teacher Responsible: Dr. Michael Mann, Room S778 (Secretary, Mrs. Yvonne Brown, S686)**Course Intended for** research students in Sociology.**Syllabus:** In the main part of the seminar series research students present papers on their proposed research designs. Each student must submit a paper in written form for Departmental approval during Summer Term. There are also two series of introducing classes on doing research and on using the L.S.E. computer (participation in the latter being voluntary).

So183

Research Seminar on the Sociology of Crime and Deviance

Teachers Responsible: Dr. P. Roek, Room S875 (Secretary, Mrs. Margaret Savage, A453) and Dr. D. Downes, Room A246 (Secretary, Rachel Mawhood, A255)**Course Intended for** students preparing dissertations on the Sociology of Deviance for the M.Phil. and Ph.D. degrees.**Scope:** 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-five seminars (So184), Sessional.**Examination Arrangements:** Non-examinable.

So184

Research Seminar in Political Economy and Social Stratification

(Not available 1986-87)

Course Intended for research students working within the area described.**Scope:** The course is designed to encourage discussion of evolving work of students and teachers, with particular emphasis on comparative studies.**Teaching Arrangements:** Seminars (So185), Sessional.**Examination Arrangements:** Non-examinable.

So185

Sociology Department Research Seminar

Teacher Responsible: Dr. Michael Mann, Room S778 (Secretary, Mrs. Yvonne Brown, S686)**Scope:** 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.

So186

Issues and Methods of Social Research

Teacher Responsible: Dr. C. T. Husbands, Room A351 (Secretary, Mrs. Margaret Savage, A453)**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).**Scope:** The aim of the course is to introduce students to central issues and basic techniques in the conduct of research sociology.**Syllabus:** The course examines basic 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, questionnaires, etc.) 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 aggregate data and official data like crime statistics, wealth data and basic demographic statistics. Students work collectively throughout the year on a research project that involves the collection of data by questionnaire and their analysis using the computer.

So5801

Pre-Requisites: Students must be concurrently taking, or must have completed the course SM202 **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:** SA115 **Methods of Social Investigation** Michaelmas and Lent Terms.**Workshop Classes:** So103 Sessional (fortnightly starting in the second week of the Michaelmas Term). **Classes:** So103 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 entailing the answering of four or so short essay-questions that is distributed at the end of the Michaelmas Term and this must be handed to the student's class teacher 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.**Reading List:** There is no single textbook that covers the content of the whole course but students are encouraged to buy:L. H. Kidder, *Research Methods in Social Relations* (4th edn.).

Other useful textbooks are:

K. D. Bailey, *Methods of Social Research*; H. M. Blalock, Jr., *An Introduction to Social Research*; D. P. Forcese & S. Richer (Eds.), *Stages of Social Research*; 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*; G. Rose, *Deciphering Sociological Research*; M. Shipman, *The Limitations of Social Research*; H. W. Smith, *Strategies of Social Research*; M. Stacey, *Methods of Social Research*.**Supplementary Reading List:** C. Bell & H. Newby (Eds.), *Doing Sociological Research*; M. I. A. Bulmer (Ed.), *Sociological Research Methods*; J. Bynner & K. M. Stribley (Eds.), *Social Research: Principles and Procedures*; J. A. Davis, *Elementary Survey Analysis*; L. Festinger & D. Katz (Eds.), *Research Methods in the Behavioral Sciences*; W. J. Goode & P. K. Hatt, *Methods in Social Research*; P. Hammond (Ed.), *Sociologists at Work*; G. Hoinville, R. Jowell & Associates, *Survey Research Practice*; P. F. Lazarsfeld & M. Rosenberg (Eds.), *The Language of Social Research: A Reader in the Methodology of Social Research*; R. Mayntz, K. Holm & P. Hoebner, *Introduction to Empirical Sociology*; D. C. Miller, *Handbook of Research Design and Social Measurement*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; S. L. Payne, *The Art of Asking Questions*; B. Phillips, *Social Research:**Strategies and Tactics*; M. W. Riley, *Sociological Research: A Case Approach*; M. Rosenberg, *The Logic of Survey Analysis*; M. Shipman (Ed.), *The Organisation and Impact of Social Research*; J. Silvey, *Deciphering Data*; E. J. Webb, D. T. Campbell, R. D. Schwartz and L. Sechrest, *Unobtrusive Measures*; H. Zeisel, *Say It With Figures* (5th edn.).**Examination Arrangements:** There is a conventional three-hour written examination in the Summer Term that is based on the full syllabus. All questions carry the same marks. Seventy per cent of the total assessment for the course is based on this examination. The remaining 30 per cent is awarded for the student's report of 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: Professor P. Cohen, Room K204 (Secretary, Miss Jacqueline Gauntlett, S878)**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.S. and A. 1st year; M.Sc.**Scope and Syllabus:** The principal aim is to provide an introduction to the theoretical and empirical study of social systems and of the processes of change which they undergo. An attempt is made to do this by way of certain central questions which have informed, and do inform, sociological enquiry: how society is possible; elements of social structure - communication, socialisation, economic allocation and production, social control, ritual and symbolic action. The history of sociological concepts from the Enlightenment to the present time.**Pre-Requisites:** None. The course assumes no prior knowledge of the social sciences and is suitable for any student in the School eligible to take it.**Teaching Arrangements:** Lectures, So100 23 Sessional, classes, So100a 23 Sessional.**Classes:** All class groups will follow an identical sequence of class topics and related reading closely linked to the lectures.**Written Work:** Entirely at the class teacher's discretion.

There is no formal requirement for course-work; however, all students are expected to prepare for all classes and to produce class papers if this is the method of instruction agreed on between the class teacher and the class. Students from foreign universities which require written course-work to be assessed must arrange this with their class teachers on an individual basis.

Minimal Reading List: R. Aron, *Main Currents of Sociological Thought*; L. Coser & B. Rosenberg, *Sociological Theory: Readings*; T. Raison, *The Founding Fathers of Social Science*;

Wherever possible xeroxed copies of selected reading specified on the class reading list will be deposited in the Library off-print collection (excepting the textbook).

Supplementary Reading List: ((P) indicates inexpensive paper-back).

R. Dawkins, *The Selfish Gene*; T. Bottomore & M. Rubel, *Selected Writing of Karl Marx* (P); D. MacRae, *Max Weber* (P); R. Nisbet *Durkheim*; R. Fletcher, *The Making of Sociology*; R. Merton, *Social Theory and Social Structure*.

Examination Arrangements: A three-hour unseen examination towards the end of the Summer Term. Examination questions will tend to follow the lectures and the questions for class discussion printed on the main reading list.

So5809

Social Structure of Modern Britain

Teacher Responsible: Professor Terence Morris, Room S877 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. course units main fields Sociology, Social Psychology; B.Sc. Social Science and Administration; Diploma in Trade Union Studies; Diploma in Housing. **Scope:** The aim is to introduce students to the main contributions of sociological knowledge to the study of post-war British society. This will be achieved by considering some of the main problems which are considered to affect that society. The course is strongly empirical and makes use of quantitative material.

Syllabus: An examination of academic evidence relevant to some of the major issues confronting British society including industrial decline, inequality, political uncertainty, the fact of a multi-cultural society and the role of the mass media. This involves discussion of social stratification and mobility; occupational structure and the distribution of income; industrial structure and wealth of ownership; industrial relations; education; the state, including the welfare state; demographic patterns and family structure; religion, patterns of settlement and housing tenure; and race relations.

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, and for students taking the Diploma in Trade Union Studies. Overseas students, including those on single-year or single-term courses, may find it a useful means of improving their knowledge of British society.

Teaching Arrangements: Lectures (So120) 20 Michaelmas Term and 10 Lent Term supplemented by 15-20 classes.

Classes (So120a) will be taken by teachers in the department of sociology, except for those reading for the B.Sc. in Social Science and Administration and for the specified Diplomas; classes for these students are organised by the appropriate department. During the Summer Term special tuition will be provided for General Course students taking this option.

Written Work: In addition to the presentation of class papers, each student attending classes should expect to present a short essay on a topic within the course to

his/her class teacher during both the Michaelmas and Lent Terms.

Reading List: Basic Reading.

*P. Abrams (Ed.), *Work, Urbanisation and Inequality*; A. B. Atkinson, (Ed.), *Wealth Income and Inequality*; M. Banton, *Racial Minorities*; F. Blackaby (Ed.), *De-Industrialisation*; R. M. Blackburn & M. Mann, *The Working Class in the Labour Market*; W. Brown, *The Changing Contours of British Industrial Relations*; D. Butler & D. Stokes, *Political Change in Britain* (2nd edn.); H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; P. R. Cox, *Demography*; C. J. Crouch, *The Politics of Industrial Relations* (2nd edn.); A. Francis, "Families, firms and finance capital; the development of U.K. industrial firms with particular reference to their ownership and control", *Sociology*, 14, 1, 1980; J. H. Goldthorpe, *Social Mobility and Class Structure in Modern Britain*; *A. H. Halsey, *Change in British Society*; A. H. Halsey et al., *Origins and Destinations*; C. C. Harris, *The Family and Industrial Society*; A. Heath, *Social Mobility*; E. Hobsbawm, *Industry and Empire*; T. J. Johnson, *Professions and Power*; D. Kavanagh (Ed.), *The Politics of the Labour Party*; J. Le Grand, *The Strategy of Equality*; D. A. Martin, *A Sociology of English Religion*; *T. Noble, *Structure and Change in Modern Britain*; A. Oakley, *A Sociology of Housework*; K. Roberts et al., *The Fragmentary Class Structure*; R. Rose, *Politics in England* (3rd edn.); G. Routh, *Occupation and Pay in Great Britain, 1906-1979*; J. Scott, *Corporations, Classes and Capitalism*; A. Sked & C. Cooke, *Post-War Britain: a Political History*; D. J. Smith, *The Facts of Racial Disadvantage*; P. Stanworth & A. Giddens (Eds.), *Elites and Power in British Society*; A. Stewart et al., *Contemporary Britain*; P. Townsend, *Poverty in the United Kingdom*; J. Westergaard & H. Resler, *Class in a Capitalist Society*; M. J. Wiener, *English Culture and the Decline of the English Spirit 1850-1980*; R. Williams, *The Long Revolution*.

*indicates the most useful general references.

Further reading will be given with the lecture course outline.

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 of less than 2,000 words each.

So5810

Social and Moral Philosophy

Teacher Responsible: Dr. Eileen Barker, Room S684 (Secretary, Mrs. Jean Ridyard, A451)

Course Intended Primarily for B.Sc. c.u. main fields Sociology, Social Psychology, B.Sc. (Econ.) Part II Special Subject Sociology, but open to all students, if their depts. agree.

Scope: 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.

Syllabus: Introduction to concepts concerning the nature of knowledge, reality and ethics. Brief description of the thought of some of the classical philosophers.

Elementary principles and fallacies in 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: 20 Michaelmas and Lent Terms.

Written Work: Students are expected to do some simple logical exercises for the lectures and to provide at least one class paper per term.

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*; A. Flew, *Thinking about Social Thinking*; M. Hollis, *Invitation to Philosophy*; E. Gellner, *Legitimation and Belief*.

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.

So5820

Comparative Social Structures I

Teacher Responsible: Dr. I. Roxborough, Room S687 (Secretary, Mrs. Margaret Savage, Room A453)

Course Intended Primarily for B.Sc. c.u. main field Soc. 2nd year; B.Sc. (Econ.) Part II; Dip. Soc. Normally students will have successfully completed **Introduction to Sociology** (So100).

Scope: The comparative sociology of pre-industrial societies.

Syllabus: Problems of comparative method in the analysis of social structure. The contributions of the main sociological schools on the issue; the analysis in terms of modes of production and systems of domination of the major types of complex pre-industrial societies; slavery, caste, feudalism, oriental empires; early capitalism. The transition from feudalism to capitalism.

Teaching Arrangements: Lectures So104 24 Sessional. Classes So104a Sessional.

Written Work: Students will be expected to prepare one or more class papers and these will normally be revised in light of the class discussion and handed in to be marked by class teachers. Some topics may extend over more than one week.

Reading List: Specific topic references will be found in class reading lists.

P. Abrams, *Historical Sociology*; P. Anderson, *Passages from Antiquity to Feudalism*; *Lineages of the Absolutist State*; G. Lenski, *Power and Privilege*; A. Bailey & J. Llobera (Eds.), *The Asiatic Mode of Production*; M. Bloch, *Feudal Society*; S. Eisenstadt, *Political System of Empires*; A. de Ranck and U. Knight (Ed.), *Caste and Race*; M. Weber, *General Economic History*; L. Dumont, *Homo Hierarchicus*; R. Hilton (Ed.), *Transition from Feudalism to Capitalism*; T. Parsons, *The Evolution of Societies*; M. Finley (Ed.), *Slavery in Classical Antiquity*; I. Wallerstein, *The Modern World System*; C. Tilly (Ed.), *The Formation of National States in Western Europe*; K. Wittfogel, *Oriental Despotism*; A. Weinstein & F. Gatell (Eds.), *American Negro Slavery*.

Examination Arrangements: The examination will consist of a three hour unseen written paper. The examination paper will be based on the topics covered in the "Class Topics" list.

So5821

Sociological Theory

Teacher Responsible: Dr. Michael Mann, Room S778 (Secretary, Mrs. Yvonne Brown, S686) and Dr. Nicos Mouzelis, Room S775 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for B.Sc. c.u. main fields Soc. 2nd year, Soc. Anth. 2nd year; B.Sc. (Econ.) Part II; B.Sc. S.S. and A.; M.Sc.; Dip. Soc.

Syllabus: An introduction to the main varieties of classical and modern sociological theory, concentrating on three tasks: what are the principal arguments of the classic texts, 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: Marx, Weber, Durkheim, Parsons and normative functionalism, symbolic interactionism, phenomenology and contemporary Marxism.

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: (a) General Secondary Sources R. Aron, *Main Currents in Sociological Theory* (2 vols.); L. Coser & B. Rosenberg (Eds.), *Sociological Theory*; L. Coser, *Masters of Sociological Theory*; T. Parsons, *The Structure of Social Action* (2 vols.); A. Giddens, *Capitalism and Modern Social Theory*; R. Nisbet, *The Sociological Tradition*; A. Gouldner, *The Coming Crisis of Western Sociology*; J. H. Turner, *The Structure of Sociological Theory*.

(b) Primary Sources

It is important that the student read at least one substantial work by each of the principal classic writers.

For Marx either *Capital*, Vol. I or Vol. III or one of several one-volume collections of his shorter works.

For Weber either *The Theory of Economic & Social Organization* or one of the Sociology of Religion Volumes (*The Protestant Ethic, The Religion of China, The Religion of India*). or Gerth & Mills (Eds.), *From*

Max Weber. For Durkheim either *The Division of Labour in Society* or *The Elementary Forms of the Religious Life*.

Examination Arrangements: One three-hour formal examination in the Summer Term, based on the whole syllabus of the lecture course and the classes.

So5830**Comparative Social Structures II**

Teacher Responsible: Mr. Michael Burrage, Room A375 (Secretary, Mrs. Jean Ridyard, A451)

Course Intended Primarily for B.Sc. Soc. course units (Sociology); B.Sc. Econ. (Sociology); M.Sc. in Sociology, supplementary to Course So162, (**Social Structure of Industrial Societies**); Dip. Soc.

Scope: The aim of the course is to review, making extensive use of comparisons between societies, the main theories related to (a) the industrialisation of the major industrial societies and (b) their more recent development.

Syllabus: The course will outline major features in the development of the political, economic and social institutions of modern societies, during both the period of industrialisation and the 20th century. It will also discuss sociological interpretations of these issues. Since the syllabus covers a very wide area, students will be permitted to specialise to some degree, and class discussions and examination papers will provide for this.

Pre-Requisites: Undergraduates specialising in sociology normally take this course in their final year. Students taking the course as an outside option should have followed an introductory course in sociology.

Teaching Arrangements: Lectures: So105, 30 Sessional. Classes: So105a, 20 Sessional. In the Michaelmas Term Mr. Burrage gives lectures on major issues of economy, polity and collective action in the period of industrialisation, including education and stratification; in Europe and the U.S.A., while Professor Wrigley discusses demographic and family developments. In the Lent Term there will be lectures on the same themes as they affect modern industrial society; and the sociological aspects of religion will also be considered. Occasional guest lecturers contribute on various topics covered in the course on their areas of special interest.

A lecture outline with bibliography will be provided at the first lecture, and additional material will be available for classes.

Written Work: In addition to the presentation of class papers, each student attending classes should expect to present a short essay on a topic within the course to his/her class teacher during both the Michaelmas and Lent Terms.

Reading List: The following represents a minimal list: D. Bell, *The Coming of Post-Industrial Society*; J. Gershuny, *After Industrial Society?*; A. Giddens & D. Held (Eds.), *Class, Power and Conflict*; S. M. Lipset & S. Rokkan, *Party Systems and Voter Alignments*; M. Olsen, *The Rise and Decline of Nations*; R. Pipes, *Russia under the Old Regime*; Peter Flora, *State, Economy and Society in Western Europe 1815-1975*, *A Data Handbook, Vol. I*; *The Growth of Mass*

Democracies and Welfare States; M. Anderson, *Approaches to the History of the Western Family, 1500-1914*; C. Tilly (Ed.), *The Formation of Nation States in Western Europe*; E. Shorter & C. Tilly, *Strikes in France*; D. Martin, *A General Theory of Secularisation*; F. Ringer, *Education and Society in Modern Europe*; W. D. Connor, *Socialism, Politics and Equality: Hierarchy and Change in Eastern Europe and the Soviet Union*.

Examination Arrangements: There is a three-hour advanced notice examination in the Summer Term.

So5831**Unit Essay in Sociology**

Teacher Responsible: The Departmental Tutor

Course Intended only for B.Sc. (Sociology) and B.Sc. (Econ.) special subject Sociology (third year)

Scope: 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 course-work, 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. Since a number of people will be reading the essay, the Department would be grateful if it could be submitted in typescript.

So5860**The Social Structure of the Soviet Union**

Teacher Responsible: Dr. E. A. Weinberg, Room S666 (Secretary, Mrs. Margaret Savage, A453)

Course Intended Primarily for B.Sc. c.u. main field Sociology (2nd or 3rd years), B.Sc. (Econ.) Part II; M.Sc.

Scope: Major aspects of Soviet 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.

Syllabus: Particular attention will be given to the analysis of: women, the family, and 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.

Pre-Requisites: A knowledge of introductory sociology is assumed.

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*; F. Fleron (Ed.), *Communist Studies and the Social Sciences*; A. Inkeles, *Social Change in Soviet Russia* (essays); A. Kassof (Ed.), *Prospects for Soviet 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*; H. Smith, *The Russians*; R. C. Kaiser, *Russia: The People and the Power*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term.

So5861**The Development of Modern Japanese Society**

Teacher Responsible: Professor Keith Thurley, Room H804 (Secretary, Mrs. Ann Morris, H808)

Course Intended Primarily for undergraduates taking the B.Sc. (Econ.) and B.Sc. (Sociology) in the second or third year of study. The course can be taken by others, including post-graduates and General Course students.

Scope: (a) To introduce students to the main patterns of the development of the modern Japanese state and its economic and social institutions since 1600; (b) To discuss the factors behind this development; (c) To examine, in comparison with other advanced industrial societies, a range of social, economic and political topics characterising Japan since 1945, discussing the significance of differences.

Syllabus: Culture, social structure and social change; Japanese ideas and assumptions. Social and economic change in the Tokugawa period. The development of political and industrial elites. Social change in agrarian communities. Urban development in Japan. Educational policy and the educational revolution. The development of large scale organisation and managerial ideology. The growth of the labour unions and the post-war industrial relations system. The labour market and changes in occupational structure. The dynamics of growth and the nature of Japanese capitalism. Social discrimination and social deviance. Democracy and the party system. The internationalisation of Japan. Japan as a case in the convergence debate.

Pre-Requisites: No prior knowledge of Japanese history is assumed, nor knowledge of Japanese language required (although, of course, useful).

Teaching Arrangements: Lectures (So122); twenty-two.

Classes: (So122a); twenty-four

Written Work: Students will prepare seminar papers for discussion from the third week of the course. Two essays will be prepared from these papers, one in each of the first two terms.

Reading List: A detailed bibliography, topic by topic, will be given. Major reference books include:

R. P. Dore (Ed.), *Aspects of Social Change in Modern Japan*, 1967; H. Patrick & H. Rosovsky (Eds.), *Asia's New Giant*, 1976; H. Patrick (Ed.), *Japanese Industrialisation and its Social Consequences*, 1976; R. J. Smith & R. K. Beardsley (Eds.), *Japanese Culture, Its Development and Characteristics*, 1963; R. Clark, *The Japanese Company*, 1979; K. Taira, *Economic Development and the Labor Market in Japan*, 1970; J. Hirschmeier & T. Yui, *The Development of Japanese Business 1600-1973*, 1975; R. P. Dore, *British Factory - Japanese Factory*; R. Steven, *Classes in Contemporary Japan*; S. Takasniya and K. Thurley, *Japan's Emerging Multinationals*.

Examination Arrangements: One three-hour paper.

So5862

Social Structure and Politics in Latin America

Teacher Responsible: Dr. Ian Roxborough, Room S687 (Secretary, Mrs. Margaret Savage, A453)
Course Intended Primarily for B.Sc. Sociology; B.Sc. (Econ.) Sociology.

Scope: The social bases of politics in Latin America in the twentieth century.

Syllabus: The course will begin with a survey of the historical development of social structures and political processes in the major countries of the region. The remainder of the course will analyse variations in social structure and politics between various Latin American countries, focussing on: dominant classes, working class, peasantry, the state, the military, multinational corporations, etc.

Teaching Arrangements: 23 lectures and 20 classes (So123 and So123a).

Reading List: F. S. Weaver, *Class, State and Industrial Structure*, Greenwood Press, 1980; B. Kean & M. Wasserman, *A Short History of Latin America*, 1980; R. Chilcote & J. Edelstein (Eds.), *Latin America: the Struggle with Dependency and Beyond*, 1974; F. H. Cardoso & E. Faletto, *Dependency and Development in Latin America*, 1979; A. Lowenthal (Ed.), *Armies and Politics in Latin America*, 1976; R. Munck, *Politics and Dependency in the Third World*, 1984; T. Skidmore & P. Smith, *Modern Latin America*, 1984; W. La feber, *Inevitable Revolutions*, 1983.

Supplementary Reading List: A more detailed reading list is available from Dr. Roxborough or his secretary.

Examination Arrangements: An essay of not more than 3,000 words to be written during the Easter vacation, and a three-hour examination in June.

NB. This course will be given in alternate years only.

So5880

Political Sociology

Teachers Responsible: Dr. C. T. Husbands, Room S879 (Secretary, Mrs. Margaret Savage, A453) and Mr. A. W. G. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for students in the B.Sc. course unit, main fields Sociology or Social Psychology (second or third years), B.Sc. (Econ.), Part II, special subject Sociology (second or third years), M.Sc. in Sociology.

Scope: The aim of the course is to discuss relevant theoretical and empirical issues in order to introduce the range of problems that define the field of political sociology.

Syllabus: The course presents competing views regarding the nature and scope of political sociology. This involves the analysis of power and the role attributed to power and/or politics within some major sociological paradigms. The distinction between authority and domination is presented. There is a discussion of the analysis of the state and the problem of sociological reductionism; the fascist state as an exceptional form of the capitalist state is also analysed. 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 the analysis of community power, varying approaches to the study of ideology, the analysis of the mass support received by fascism and Nazism and by post-war neo-fascism in Britain and western Europe. The course also focuses upon more empirical and contemporary issues of mass politics, including the changing nature of political participation, political socialisation, the depth of issue-awareness in western electorates and the changing dynamics of voting behaviour, especially in Great Britain.

Pre-Requisites: Students are normally expected to have taken So100: *Introduction to Sociology* or to be able to present evidence of equivalent knowledge. However, in special circumstances exceptions may be made to this formal requirement.

Teaching Arrangements: Lectures: So130 Sessional. Classes: So130a 22 Sessional. There is some flexibility in the division of lecturing between Dr. Husbands and Mr. Stewart. In general, however, the lectures in the first part of the course will be given by Mr. Stewart and those in second part by Dr. Husbands.

Depending upon the number of students registered in the course, Dr. Husbands and Mr. Stewart each take a weekly class.

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. Aron, *Main Currents in Sociological Thought*, Vol. 1; T. B. Bottomore, *Elites and Society*; D. Butler & D. Stokes, *Political Change in Britain* (2nd edn.); H. H. Gerth & C. W. Mills (Eds.), *From Max Weber: Essays in Sociology*; J. H. Meisel (Ed.), *Pareto and Mosca*; R. Michels, *Political Parties*; N. Poulantzas, *Political Power and Social Classes*.

Supplementary Reading List: N. Abercrombie, S. Hill & B. S. Turner, *The Dominant Ideology Thesis*; P. Anderson, *Considerations on Western Marxism*; D. Apter (Ed.), *Ideology and Discontent*; P. Bachrach, *The Theory of Democratic Elitism: A Critique*; R. Bahro, *The Alternative in Eastern Europe*; D. Beetham, *Max Weber and the Theory of Modern Politics*, Chapters 1 to 5, 8, 9; M. Billig, *Fascists*; I. Budge, I. Crewe & D. Fairlie (Eds.), *Party Identification and Beyond*; S. Bernstein et al (Eds.), *The State in Capitalist Europe*; R. E. Dowse & J. A. Hughes, *Political Sociology*; A. Effrat (Ed.), *Perspectives in Political Sociology*; D. Kavanagh (Ed.), *The Politics of the Labour Party*; W. Laqueur (Ed.), *Fascism: A Reader's Guide*; J. Larrain, *The Concept of Ideology*; A. Leftwich, *Redefining Politics*; S. M. Lipset, *Political Man*; R. T. McKenzie, *British Political Parties* (2nd edn.); R. T. McKenzie, and A. Silver, *Angels in Marble*; L. W. Milbrath, *Political Participation*; R. Miliband, *The State in Capitalist Society*; R. Miliband, *Marxism and Politics*; L. Minkin, *The Labour Party Conference*, (new edn.); T. Nairn, *The Break-up of Britain*; D. Nicholls, *Three Varieties of Pluralism*; N. H. Nie, S. Verba & J. R.

Petrocik, *The Changing American Voter*, (enl. edn.); F. Parkin, *Marxism and Class Theory*; N. W. Polsby, *Community Power and Political Theory* (2nd edn.); P. G. J. Pulzer, *Political Representation and Elections in Britain* (3rd edn.); V. Randall, *Women and Politics*; R. Rose (Ed.), *Studies in British Politics* (3rd edn.); R. Rose (Ed.), *Electoral Participation*; R. Rose, *Class Does Not Equal Party*; M. Rush & P. Althoff, *An Introduction to Political Sociology*; J. Sayers, *Biological Politics*; R. Skidelsky, *Oswald Mosley*.

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.

So5881

Political Processes and Social Change

(Not available 1986-87)

Teacher Responsible: Mr. A. W. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

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*).

Scope: 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.

Syllabus: 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. Some familiarity with basic sociological theory would be of assistance.

Teaching Arrangements: Lectures: So131 - Sessional. Classes: So131a - Classes Sessional. This is a complementary and entirely integrated series of twenty-one lectures and twenty-one 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 (beginning of Michaelmas Term); C. Tilly, *The Formation of Nation-States in Western Europe*, pp. 601-638 (first half of Michaelmas Term);

I. Wallerstein, *The Modern World System*, Introduction and chap. 7 (first half of Michaelmas Term); G. Poggi, *The Development of the Modern State*, chaps. iv and v (first half of Michaelmas Term); E. Hobsbawm, *Primitive Rebels*, chaps. 1-5 (middle of Michaelmas Term); R. Bendix, *Nation-Building and Citizenship*, chaps. 1, 2 and 3 (second half of Michaelmas Term); G. Roth, *The Social Democrats in Germany* (end of Michaelmas Term); P. Anderson, "Origins of the Present Crisis" in *Towards Socialism* (Ed. Anderson and Blackburn) - 2 offprint copies of this article are available in the Teaching Library (end of Michaelmas Term). A. Stewart, "Political Movements and Political Participation" *British Political Sociology Yearbook*, Vol. 3 (first half of Lent Term); M. Kitchen, *Fascism* (first half of Lent Term); T. Parsons, "Democracy and Social Structure in Pre-Nazi Germany", and "Some Sociological Aspects of Fascist Movements" in *Essays on Sociological Theory* (first half of Lent Term); A. Gerschenkron, *Bread and Democracy in Germany*; T. W. Mason, "The Primacy of Politics - Politics and Economics in National Socialist Germany" in *The Nature of Fascism*, Ed. S. J. Woolf; B. Moore Jr., *Injustice*, chaps. 8-11; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; A. S. Cohen, *Theories of Revolution* (second half of Lent Term); L. Kaplan (Ed.), *Revolutions: A Comparative Study*, esp. Introduction and Part I (second half of Lent Term); B. Moore, *Soviet Politics: The Dilemma of Power* (second half of Lent Term).

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus.

So5882

Sociology of Development

(Not available 1986-87)

Teacher Responsible: Dr. L. A. Sklair, Room A350 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for B.Sc. Sociology and B.Sc. (Econ.) Part II Sociology.

Scope: Development and underdevelopment in the Third World.

Syllabus: The course will deal with social, political and economic processes in selected third world societies; the main theories of modernisation, development and underdevelopment; and the new international division of labour, gender and development, problems of "socialist" development. Such topics as urbanisation, agrarian structure, peasant movements, urban class formation, the state, military intervention, differences between Third World countries will be included.

Teaching Arrangements: Lectures: (So132) 10 Michaelmas and 10 Lent Term.

Classes: (So132a) Sessional.

Reading List: P. Worsley, *The Third World*; A. Hoogvelt, *The Third World in Global Development*; *The Sociology of Developing Societies*; E. De Kadt and G. Williams (Eds.), *Sociology and Development*; A. Webster, *Introduction to the Sociology of Development*; A. Webster, *Introduction to the Sociology of Development* F. Frobel et al, *The New*

International Division of Labour; C. Rosberg & T. Callaghey (Eds.), *Socialism in Sub-Saharan Africa*; *Signs* (Special Issue, Winter 1981); A. Bernstein (Ed.), *Underdevelopment and Development*; I. Oxaal, Barnett and Booth (Eds.), *Beyond the Sociology of Development*; R. Rhodes (Ed.), *Imperialism and Underdevelopment*; J. Taylor, *From Modernisation to Modes of Production*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; I. Roxborough, *Theories of Underdevelopment*; P. Bairoch, *The Economic Development of the Third World since 1900*; G. Kitching, *Development and Underdevelopment in Historical Perspective*; N. Girvan, *Corporate Imperialism*; C. Y. Thomas, *Dependence and Transformation*; K. Kumar (Ed.), *Transnational Enterprises their impact on Third World Societies and Cultures*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*.

Supplementary Reading List: A more detailed list is available from Dr. Sklair.

Examination Arrangements: A three-hour examination in June.

So5883

Theories and Problems of Nationalism

Teacher Responsible: Dr. A. D. Smith, Room S776 (Secretary, Mrs. J. Ridyard, A451)

Course Intended Primarily for B.Sc. Sociology, B.Sc. (Econ.) Sociology and B.Sc. (Econ.) International Relations.

Scope: 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.

Syllabus: The aspects considered cover four main areas:

1. Theories of nationalism and modernisation, including relations between nations and classes, language and religion, and the role of communications and the state;
2. Aspects of race and ethnicity, and the rise of fascism.
3. Nationalism and the international system, including problems of dependency, secession and self-determination;
4. Relations between nationalism and communism, in the Soviet Union and the Third World.

Pre-Requisites: A suitable course in Anthropology, Sociology, Political Science, International Relations and International History.

Teaching Arrangements: Lectures, So133, 10 Michaelmas and 10 Lent Term given by:

Dr. A. D. Smith on Theories of Nationalism, and on Nationalism and Communism;

Professor P. Cohen on Race, Ethnicity and Fascism; **Mr. J. Mayall** on Nationalism and the International System.

These will be supported by weekly classes (So133a) following the lectures given by the relevant lecturer, with revision classes in the Summer Term.

Reading List: A. Cobban, *National Self-determination*, Oxford UP, 1945; E. Kedourie, *Nationalism*, Hutchinson, 1960; E. Gellner, *Thought and Change*, Weidenfeld & Nicolson, 1964; E. Gellner,

Nations and Nationalism, Blackwell, 1983; H. Kohn, *The Idea of Nationalism*, Macmillan, 1967; N. Glazer & D. Moynihan (Eds.), *Ethnicity, Theory and Experience*, Harvard UP, 1975; H. Seton-Watson, *Nations and States*, Methuen, 1977; T. Nairn, *The Break-up of Britain*, New Left Books, 1977; L. Tivey (Ed.), *The Nation-State*, Martin Robertson, 1980; J. Breuilley, *Nationalism and the State*, Manchester UP, 1982; A. D. Smith, *Nationalism in the Twentieth Century*, Martin Robertson, 1979; A. D. Smith, *The Ethnic Revival*, Cambridge UP, 1981; A. D. Smith, *Theories of Nationalism* (2nd edn.), Duckworth, 1983; B. Anderson, *Imagined Communities*, Verso Books, 1983.

Supplementary Reading List: A more detailed reading list is available from Dr. Smith or secretary.

Examination Arrangements: A three-hour exam in June, divided into a Sociology and a Politics/History section, at least one question to be answered from each section.

So5916

Urban Sociology

(Not available 1986-87)

Teacher Responsible: Dr. C. T. Husbands, Room S879 (Secretary, Mrs. Margaret Savage, A453)

Course Intended Primarily for students in the B.Sc. course unit main field Sociology (second or third years) and B.Sc. (Econ.) Part II, special subject Sociology (second and third years).

Scope: The aim of the course is to teach students both about the intellectual origins of urban sociology and also about contemporary theoretical debates and empirical research in the subject.

Syllabus: This course both analyses social and economic phenomena that have differential distributions in urban space and also examines the role of space in mediating urban social relationships.

Subjects covered under the first of these categories include: contributions to the study of human ecology by the Chicago School, later developments in ecological analysis, the role of urban renewal and slum clearance in affecting urban ecology, and the contributions of the neo-Marxist school of urban analysis. There are also discussions of the dimensions of the 'inner-city problem', of the dynamics of residential segregation by race, and of race differentials in access to urban housing and employment.

Under the second category of subject matter the course examines such issues as urban crowding, territoriality in an urban environment, racist voting behaviour, defensible space, and related issues in the sociology of housing design.

Pre-Requisites: Students are normally expected to have taken So100: *Introduction to Sociology* or to be able to present evidence of equivalent knowledge. However, in special circumstances exceptions may be made to this requirement.

Teaching Arrangements: There is a lecture course and a series of twenty-two weekly classes.

Lectures: So134 22 Sessional

Classes: So134a 22 Sessional

Written Work: For the classes students take turns to prepare essays on themes connected with the lecture course; these essays are presented to the class for criticism and discussion.

Reading List: E. W. Burgess & D. J. Bogue, *Contributions to Urban Sociology*; M. Castells, *The Urban Question*; L. J. Duhl (Ed.), *The Urban Condition*; M. Harlow (Ed.), *Captive Cities*; P. K. Hatt & A. J. Reiss (Eds.), *Cities and Society*; W. H. Michelson, *Man and His Urban Environment, with Revisions*; C. G. Pickvance (Ed.), *Urban Sociology: Critical Essays*; P. Saunders, *Social Theory and the Urban Question*; M. Stewart (Ed.), *The City*; G. A. Theodorson (Ed.), *Studies in Human Ecology*.

Supplementary Reading List: K. Bassett & J. R. Short, *Housing and Residential Structure*; B. J. L. Berry & J. D. Kasarda, *Contemporary Urban Ecology*; M. Castells, *City, Class and Power*; M. Castells, *The City and the Grassroots*; G. E. Cherry, *Urban Change and Planning*; C. Cockburn, *The Local State*; P. Dunleavy, *Urban Political Analysis*; J. L. Freedman, *Crowding and Behaviour*; P. Hall (Ed.), *The Inner City in Context*; D. Harvey, *Social Justice and the City*; D. T. Herbert & R. J. Johnson (Eds.), *Social Areas in Cities*; Housing Workshop of the Conference of Socialist Economists, *Political Economy and the Housing Question*; *Housing and Class in Britain*; *Housing, Construction and the State*; P. Lawless, *Britain's Inner Cities*; T. R. Lee, *Race and Residence*; C. Mercer, *Living in Cities*; S. Merrett, *State Housing in Britain*; S. Merrett, *Owner-Occupation in Britain*; National Community Development Project, *The Costs of Industrial Change*; O. Newman, *Defensible Space*; K. Newton (Ed.), *Urban Political Economy*; J. Rex & S. Tomlinson, *Colonial Immigrants in a British City*; P. Saunders, *Urban Politics*; M. P. Smith, *The City and Social Theory*; K. Young & P. L. Garside, *Metropolitan London*.

Examination Arrangements: Assessment is entirely by a three-hour written examination in the Summer Term that is based on the full syllabus. All questions carry the same maximum of marks.

So5917

Industrial Sociology

Teacher Responsible: Dr. S. R. Hill, Room A454a (Secretary, Mrs. Margaret Savage, A453)

Course Intended Primarily for undergraduate B.Sc. Soc. and B.Sc. (Econ.) special subjects Sociology and Industrial Relations.

Scope: Coverage of modern industrial sociology, with an emphasis on the labour process and issues of political economy.

Syllabus: Competing interests at work. The development of the managerial function. Managerial structure and goals. Bureaucracy and organizational theory. The Japanese corporation. Self-management. Industrial democracy. Work behaviour and job satisfaction. The deskilling debate. Labour market segmentation. Women in employment. The institutionalization of industrial conflict. Trade union representativeness and effectiveness. The structure of the working and middle classes. Ideology and consciousness. The collective organization of non-

manual employees. The state, political parties and the economy.

Pre-Requisites: Normally one of *Introduction to Sociology*, *The Social Structure of Modern Britain*, *Introduction to Social Anthropology*, but this requirement is waived for B.Sc. (Econ.) special subject Industrial Relations.

Teaching Arrangements: There will be 20 lectures (So140) and 23 classes (So140a) given by Dr. Hill.

Written Work: Each student is expected to present at least one class paper per session and, depending on the number of people per class, may be asked to present two.

Reading List: The recommended textbook is S. Hill, *Competition and Control at Work*. Other books of a general nature that cover substantial parts of the syllabus are:

H. Braverman, *Labor and Monopoly Capital*; C. Crouch, *Trade Unions: The Logic of Collective Action*; R. Edwards, *Contested Terrain*; A. Giddens & G. Mackenzie (Eds.), *Social Class and the Division of Labour*; D. M. Gordon, et al., *Segmented Work, Divided Workers*; S. Wood (Ed.), *The Degradation of Work?*

The major additional references for individual topics on the syllabus, arranged chronologically by topic are:

A. Fox, *Beyond Contract*, chaps. 6 and 7; C. Littler, *The Development of the Labour Process*; J. Scott, *Corporations, Classes and Capitalism*, chaps. 2-4; M. Crozier, *The Bureaucratic Phenomenon*, Part 3; R. Dore, *British Factory - Japanese Factory*; K. Bradley & A. Gelb, *Worker Capitalism*; J. Thornely, *Workers' Co-operatives*; M. Poole, *Workers' Participation in Industry*; J. Goldthorpe et al., *The Affluent Worker*, Vol. 1; A. Zimbalist, *Case Studies on the Labor Process*; I. Berg (Ed.), *Sociological Perspectives on Labor Markets*, chaps. 4 and 5; A. Amsden (Ed.), *The Economics of Women at Work*; J. West (Ed.), *Work, Women and the Labour Market*; W. Korpi & M. Shalev, 'Strikes, industrial relations and class conflict', *British Journal of Sociology*, 1979; A. Carew, *Democracy and Government in European Trade Unions*; C. Mulvey, *The Economic Analysis of Trade Unions*, chaps. 8 and 9; A. Giddens, *The Class Structure of the Advanced Societies*; N. Abercrombie et al., *The Dominant Ideology Thesis*; G. Bain, *The Growth of White-Collar Unionism*; F. Parkin, *Marxism and Class Theory*, Part 2.

A more comprehensive bibliography will be available to students taking this course.

Examination Arrangements: A three-hour formal examination in the Summer Term.

So5918

Sociology of Sex and Gender Roles:

Women in Society

(Not available 1986-87)

Teacher Responsible: Dr. L. Sklair, Room A350 (Secretary, Mrs. Y. Brown S686)

Course Intended Primarily for B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd year.

Scope: The nature and causes of sex and gender role differences over time and place.

Syllabus: A comparative study of the roles of men and women in society, and the kind and extent of inequalities between them. An examination of theories of sex discrimination: feminist, Marxist, sociological, psychological and biological. Family structures and their implications for gender roles in the political, economic, occupational, religious, and cultural spheres. Comparative materials will be drawn chiefly from Britain, the United States, Scandinavia and the Soviet Union.

Teaching Arrangements: The course will consist of 24 lectures (So141) and a weekly class (So141a). The class lists are posted on the notice boards on the Ground Floor of the Main Building.

The lectures will provide an account of the main theories and a survey of the main sources for each of the areas to be covered in the course, while the classes will look in detail at the specific topics listed in the attached "Class Topics" reading list.

Written Work: Students will be expected to prepare one or more class papers and these will normally be revised in light of the class discussion and handed in to be marked by class teachers. Some topics may extend over more than one week.

General: (a) Although there is no single textbook that covers all the topics included in the course, there are several books that provide a sound introduction to several parts of the course. Students are advised to buy and study closely at least one of the following:

S. Delamont, *A Sociology of Women*; A. Oakley, *Sex, Gender and Society*; A. Oakley, *Subject Women*; J. Rohrbaugh, *Women: Psychology's Puzzle*; Bristol Women's Study Group, *Half The Sky*; Cambridge Women's Study Group, *Women in Society*; J. Lewis (Ed.), *Women's Welfare, Women's Rights*; E. Whitelegg et al. (Eds.), *The Changing Experience of Women*; M. Evans (Ed.), *The Woman Question*.

(b) There are several journals that specialise in this area. The most useful of these are:

Feminist Review (LSE Main Library); *Signs* (LSE Main Library); *Sex Roles* (Senate House); *International Journal of Women's Studies*; *History Workshop Journal* (LSE Main Library).

(c) There are good booklists in many of the items in the reading list. In addition the following three works are particularly useful:

BSA, *Sociology Without Sexism: a Sourcebook*; M. Evans & D. Morgan, *Work on Women: A Guide to the Literature*; M. Warren, *The Nature of Woman: An Encyclopaedia and Guide to the Literature*.

The journal *Signs* regularly features review articles on feminist scholarship in many disciplines. Of particular relevance for the course are:

L. Lamphere, "Anthropology", Vol. 2 (Spring 1977), pp. 612-27.

M. Boxer, "For and About Women", Vol. 7 (Spring 1982), pp. 661-95.

(d) Many journals in specialist areas have in recent years produced special issues on topics for the course. You may find the following useful:

"Women in Communist Systems", *Studies in Comparative Communism*, XIV (Summer 1981)

"Rape", *Journal of Social Issues* 37, no. 4 (1981)

"Homosexuality: the end of an illness", *American Behaviour Scientist*, 25 (March 1982)

"Sexuality in History", *Journal of Contemporary History*, 17 (April 1982)

"Women's Issue", *Critique of Anthropology*, 3, 9 and 10 (1977)

"Sex Roles: Resistance and Change", *Journal of Social Issues*, 32, 3 (1976)

"Asian Women", *Bulletin of Concerned Asian Scholars*, 7 (Jan.-March, 1975)

"Women and the City", *International Journal of Urban and Regional Research*, 1, 3 (Oct. 1978)

Examination Arrangements: The examination will consist of a three hour unseen written paper. The examination paper will be based on the topics covered in the "Class Topics" list.

So5919

Criminology

Teacher Responsible: Professor Terence Morris, Room S877 (Secretary, Miss Josephine Johnson, Room S779)

Course Intended Primarily for B.Sc. c.u. main fields Soc. Psych., Soc., B.Sc. (Econ.) Part II, Dip. Soc. Admin.

Scope: The course is intended to introduce students to sociological perspectives on theories of crime and its control through legal institutions in contemporary industrial societies.

Syllabus: 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 So143, 20 Michaelmas and Lent Terms. Classes So143a 20 Sessional.

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 and D. Cressey, *Principles of Criminology*; D. Downes and 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 of less than 2,000 words each.

So5920

Sociology of Deviant Behaviour

Teachers Responsible: Dr. P. E. Rock, Room S875 (Secretary, Mrs. Margaret Savage, A453), and Dr. D. Downes, Room A246 (Secretary, Elizabeth Plumb, A255)

Course Intended Primarily for B.Sc. Sociology 3rd year and B.Sc. (Econ.) Sociology Option, 3rd year.

Scope: 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.

Syllabus: 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: **Sociology of Deviant Behaviour**, given by Dr. Downes and Dr. Rock.

There are ten lectures, one per week in the Lent Term only.

Classes: So144a: 20 weekly classes in the Michaelmas and Lent Terms of the 3rd year.

Classes are one and a half hours long, teacher - Dr. Rock.

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 and J. Young, *What is to be done about Law and Order?*; 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*; R. Hood (Ed.), *Crime, Criminology and Public Policy*; E. Rubington & M. Weinberg, *Deviance: The Interactionist Perspective* (2nd edn.); W. G. Carson & P. Wiles (Eds.), *Crime and Delinquency in Britain* (Vols. 1 & 2).

Examination Arrangements: Students sit one 3-hour examination.

So5921

So6880

The Sociology of Religion (Undergraduate and Post graduate)

(Undergraduate course not available 1987-88)

Teachers Responsible: Dr. E. Barker, Room S684 (Secretary, Mrs J. Ridyard, A451)

Course Intended Primarily for B.Sc. Soc. or B.Sc. Econ. Part II Special Subject Sociology, but open to all students if their departments agree. The course is normally given once every two years. It will be given in the session 1986-87, but not in 1987-88.

Scope: 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.

Syllabus: 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 are considered at the theoretical and empirical levels. Topics receiving special attention include secularisation; modern forms of religion, especially the new religious movements; relationships between religion and the economy and politics and science; and methodological issues associated with the sociology of religion. Students are advised to concentrate on a selection of topics according to their own interests rather than trying to cover the whole course at a too superficial level.

Teaching Arrangements:

Lectures: (So142). Some of the 25 weekly lectures will be given by an outside speaker.

Classes: (So142a) weekly.

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 normally take place on a Saturday or Sunday, depending on general convenience. Each student will also be expected to attend and write a short report on at least one other service/ritual.

Written Work: (a) 10-minute papers given in classes; (b) short reports (c.800 words) on field trips.

Post-Graduate Seminar: (So166)

This course takes the above syllabus as the examinable core of the subject, but the actual 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); *Contemporary Transformations of Religion* (O.U.P., 1976); *Magic and the Millennium* (Paladin, 1975); M. Hill, *A Sociology of Religion* (Heinemann, 1973); M. McGuire, *Religion: the Social Context* (Wadsworth 1981, 2nd edn., 1986/7); P. Berger, *The Social Reality of Religion* (Faber, 1967); R. Robertson (Ed.), *Sociology of Religion* (Penguin, 1967); M. Weber, *The Sociology of Religion* (Methuen, 1965); D. Martin, *A General Theory of Secularization* (Blackwell, 1978); *Pacifism* (Routledge 1965); A

Sociology of English Religion (Heineman, 1967); P. Hammond (Ed.), *The Sacred in a Secular Age* (University of California, 1985); M. Douglas, *Purity and Danger* (Penguin, 1966); *Natural Symbols* (Barrie & Rockliff 1970); E. Barker, *The Making of a Moonie: Brainwashing or Choice?* (Blackwell, 1984); (Ed.), *New Religious Movements: A Perspective for Understanding Society* (Edwin Mellen Press, 1982); R. Wallis, *The Elementary Forms of the New Religious Life* (Routledge, 1984); C. Glock & R. Bellah (Eds.), *The New Religious Consciousness* (University of California, 1976).

Journals specialising in the Sociology of Religion: *Sociological Analysis*; *Review of Religious Research*; *Journal for the Scientific Study of Religion*; *Archives de Sciences Sociales des Religions*; *Social Compass*. **Examination Arrangements:** Three-hour formal paper. Questions will be set by the teachers involved.

So5922

Sociology of Medicine

Teacher Responsible: Dr. S. Taylor, Room S664 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for B.Sc. Sociology and B.Sc. (Econ.) Part II and other c.u. students.

Scope and Syllabus: The aim of the course is to analyse modern medicine as a social institution: its origins, development, contemporary organization and social consequences. This will involve considering the following themes: changing patterns of disease and the role of medicine; health inequality; the politics of health; the organisation of health care resources; the rise of modern medicine; the medical professions; experiences of illness; doctors and patients; the medicalization of daily life; the pharmaceutical industry; medicine and social control; medicine and deviance; medicine and women; legal and ethical issues in modern medicine.

Pre-Requisites: There are no specific pre-requisites but one of: *Introduction to Sociology*, *Introduction to Social Anthropology*, *Social Structure of Modern Britain* is recommended.

Teaching Arrangements: Lectures (So145) 20 lectures. Classes: (So145a) weekly classes.

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: G. Albrecht & P. Higgins, *Health, Illness and Medicine*; D. Armstrong, *The Political Anatomy of the Body*; L. Doyal, *The Political Economy of Health*; M. Foucault, *The Birth of the Clinic*; E. Friedson, *Profession of Medicine*; I. Glover, *Causing Death and Saving Lives*; J. Harris, *The Value of Life*; I. Illich, *Medical Nemesis*; I. Kennedy, *The Unmasking of Medicine*; V. Navarro, *Class Struggle, the State and Medicine*; T. Scorr, *The Myth of Mental Illness*; S. Taylor, *Durkheim and the Study of Suicide*; P. Townsend & N. Davidson, *Inequalities in Health*; P. Wright & A. Treacher, *The Problem of Medical Knowledge*.

Note: most references for this course are to be found in the journals especially: *Journal of Health and Illness*; *Social Science and Medicine*; *Medicine*,

Science and the Law; *Journal of Health and Social Behaviour*; and *Medical History*.

Teaching Arrangements: A conventional three-hour unseen written examination which will count for 50% of the mark, and one assessed piece of course work which will count for the remaining 25%.

So5945

Society and Literature

Teacher Responsible: Dr. A. Swingewood, Room A352 (Secretary, Miss Josephine Johnson, S779)

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.

Scope: 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.

Syllabus: An analysis of the major contributions to the theoretical study of the sociology of literature: Lukacs, Goldmann, Batchin, Raymond Williams; Marxism, structuralism, semiotics.

The theory of mass society and mass culture; the relation of literacy to social development and culture. 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. Laursen & 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.

So5946

Sociology of Knowledge and Science

Teacher Responsible: Dr. A. Swingewood, Room A352 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for B.Sc. (Sociology) 2nd or 3rd years and B.Sc. (Economics) 2nd or 3rd years.

Scope: The aim of the course is to introduce students to the main traditions in the sociology of knowledge

and science by focussing on the contributions of major sociologists such as Marx, Durkheim, Mannheim, Weber, Schutz, Merton and analysing the development of particular approaches such as those of the Frankfurt School and Phenomenology.

Syllabus: A critical examination of the work of Marx, Weber, Durkheim and Mannheim. The social organisation of knowledge in modern industrial society. The relation of knowledge to elites. Forms of knowledge and forms of society. The social organisation of science and the problem of a sociology of science in the work of Popper, Kuhn and Merton. **Pre-Requisites:** A knowledge of the main theoretical traditions in sociology is desirable. No knowledge of philosophy is required although this would be useful.

Teaching Arrangements:

Lectures: So112 10 Michaelmas and 10 Lent Term. Classes: So112(a) 10 Michaelmas and 10 Lent Term. Each student is expected to produce two class papers and two essays.

Reading List: The most useful texts are: P. Hamilton, *Knowledge and Social Structure* (pb); N. Abercrombie, *Class Structure and Knowledge* (pb); J. Larrain, *The Concept of Ideology*; Z. Baumann, *Hermeneutics and Social Science*; L. Sklair, *Organised Knowledge*.

Examination Arrangements: There is a three hour formal examination in the Summer Term based on the full syllabus.

So5960

The Psychoanalytic Study of Society

Teacher Responsible: Dr. C. Badcock, Room S665 (Secretary, Miss Josephine Johnson, S779)

Course Intended Primarily for B.Sc. Sociology, B.Sc. Social Psychology - 2nd year option, B.Sc. Social Anthropology; B.Sc. Social Science 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.

Scope: 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.

Syllabus: 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 interrelations 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 10 Michaelmas and 10 Lent Term.

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*; *Moses and Monotheism*; *The Question of Lay-analysis*; *Introductory Lectures on Psychoanalysis*; A. Freud, *The Ego and the Mechanisms of Defence*; *Normality and Pathology in Childhood*; *A Study-guide to Freud's Writings*; G. Roheim, *Psychoanalysis and Anthropology*; *The Riddle of the Sphinx*; E. Jones, *Essays on Applied Psychoanalysis*; *The Nightmare*; P. A. Robinson, *The Sexual Radicals*; T. Reik, *Ritual*; A. Kardiner, *The Psychological Frontiers of Society*; G. Devereux, *From Anxiety to Method in the Behavioural Sciences*; *Dreams in Greek Tragedy*; E. Erikson, *Childhood and Society*; E. Fromm, *The Sane Society*; W. LaBarre, *The Ghost Dance*; C. Levi-Strauss, *The Elementary Structures of Kinship*; M. Spiro, *Oedipus in the Robriands*; H. Marcuse, *Eros and Civilization*; B. Mazlish, *Psychoanalysis and History*; W. Muensterberger et al. (Eds.), *The Psychoanalytic Study of Society*, 10 vols.; W. Rieff, *Triumph of the Therapeutic*; F. Weinstein & G. Platt, *Psychoanalytic Sociology*; M. Fortes, *Oedipus and Job in West African Religion*; R. Fox, *The Red Lamp of Incest*; J. H. Crook, *The Evolution of Human Consciousness*; C. Badcock, *Levi-Strauss, The Psychoanalysis of Culture: Madness and Modernity*; N. O. Brown, *Life Against Death*; R. Bocock, *Freud and Modern Society*; *Sigmund Freud*; R. Endleman, *Psyche and Society*; S. Moscovici, *La Psychanalyse: Son Image et Son Public*. **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.

So6800

Methods of Sociological Study

Teachers Responsible: Mr. G. Rose, S667 (Secretary, Miss Josephine Johnson, S779) and Dr. C. T. Husbands, Room S879 (Secretary, Mrs. Margaret Savage, A453)

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. First year M.Phil. (Sociology) students are encouraged to attend either the whole or parts of the course, but their attendance is optional.

Scope: 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 technical nature; it is devised to meet the general needs of M.Sc. students as a whole.

Syllabus: 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 can attend undergraduate course SM202, 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) 10 Michaelmas and Lent Term.

Each series of seminars will intersperse three methods of teaching:

(a) lecture followed by discussion

(b) student seminar papers followed by discussion

(c) invited guest speakers, talking about their own research or special topics.

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 SM202. 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 **Mr. Rose and Dr. Husbands**).

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 L. H. Kidder, *Research Methods in Social Relations*, (4th edn.) Holt, 1981; G. Rose, *Deciphering Sociological Research*, Macmillan, 1982.

Readings which students may wish to consult include: K. D. Bailey, *Methods of Social Research*, Free Press,

1978; C. Bell & H. Newby (Eds.) *Doing Sociological Research*, Allen & Unwin, 1977; H. S. Becker, *Sociological Work*, Aldine, 1970; M. Bulmer (Ed.), *Sociological Research Methods*, Macmillan, 1977; R. G. Burgess, *In the Field*, Allen & Unwin 1984; D. T. Campbell, & J. C. Stanley, *Experimental and Quasi-Experimental Designs for Research*, Rand McNally, 1963; N. K. Denzin, *The Research Act*, McGraw-Hill, 1978; P. Hammersley and P. Atkinson, *Ethnography: Principles in Practice*, Tavistock 1983; G. Hoineville et al., *Survey Research Practice*, Heinemann, 1978; C. Marsh, *The Survey Method*, Allen & Unwin, 1982; G. J. McCall, & J. L. Simmons, *Issues in Participant Observation*, Addison-Wesley, 1969; R. K. Merton, *On Theoretical Sociology*, Free Press, 1968; D. C. Miller, *Handbook of Research Design and Social Measurement*, McKay, 1970; C. A. Moser, & G. Kalton, *Survey Methods in Social Investigation*, Heinemann, 1971; A. Orenstein, & W. R. F. Phillips, *Understanding Social Research*, Allyn and Bacon; L. Schatzman & A. L. Strauss, *Sociology*, Prentice-Hall; C. Sellitz et al., *Research Methods in Social Relations* (2nd, 3rd edns.), Holt, 1976; M. Shipman, *The Limitations of Social Research*, Longman, 1972; M. Shipman (ed.), *The Organisation and Impact of Social Research*, Routledge, 1976; J. Silvey, *Deciphering Data*, Longman, 1975; H. W. Smith, *Strategies of Social Research*, Prentice-Hall, 1975, 1981; J. P. Wiseman & M. S. Aron, *Field Projects for Sociology Students*, Schenkman, 1970.

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: Dr. M. Mann, Room S778 (Secretary, Mrs. Y. Brown, S686)

Course Intended Primarily for M.Sc. students

Syllabus: Recent trends in sociological theory focussing on theories of ideology and culture, social class and social stratification, and the state and geopolitical and military power.

Students are assumed to have a basic grounding in classical theory, but selective themes will be pursued more intensely in the work of Marx, Weber and Durkheim, and in their modern disciples within it if they wish.

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. Contemporary Critique of Historical Materialism; J. Hall, *Diagnoses of our Time*.

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 Structure of Industrial Societies

Teacher Responsible: Dr. Elizabeth Weinberg, Room S666 (Secretary, Mrs. Margaret Savage, A453)

Course Intended Primarily for M.Sc. Sociology, available as an outside option within some other M.Sc. courses. M.A. Area Studies (United States).

Scope: 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.

Syllabus: 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, the U.S.S.R., 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 at least 20 two-hour seminars (So162) at which papers are presented by the students and occasionally by teachers. 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 with the teachers. (Students are also recommended to attend the lecture course So105).

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 and S. Allen (Eds.), *Dependence and Exploitation in Work and Marriage*; D. Bell, *The Coming of Post-Industrial Society*; S. Berger (Ed.), *Organising Interests in Western Europe*; H. A. Clegg, *Trade Unionism under Collective Bargaining*; C. J. Crouch & A. Pizzorno, *The Resurgence of Class Conflict in Western Europe since 1968* (2 Vols.); R. Edwards, *Contested Terrain*; F. Froebel et al., *The New International Division of Labour*; A. Giddens, *Class Structure of Advanced Societies*; J. Gershuny, *After Industrial Society?*; C. Lindblom, *Politics and Markets*; V. Mallinson, *An Introduction to the Study of Comparative Education*; P. C. Schmitter and G. Lehmbruch (Eds.), *Trends towards Corporatist Intermediation*; D. Treiman, *Occupational Prestige on Comparative Perspective*; S. Wood, *The Degradation of Work*.

Examination Arrangements: There is a conventional three-hour examination in the Summer Term, in which three questions must be answered.

So6831

Sociology of Development

Teacher Responsible: Dr. N. Mouzelis, Room S775 (Secretary, Miss Josephine Johnson, S779)

Seminar Intended Primarily for M.Sc. Sociology.

Scope: Selected sociological issues in developing societies.

Syllabus: Dependency and development in the Third World; the role of multinational corporations; 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: E. Wallerstein, *The Modern World System* Vol. I and II; B. Moore, *Social Origins of Dictatorship and Democracy*; R. Bendix, *Nation Building and Citizenship*; P. Anderson, *Lineages of the Absolutist State*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; P. Baran, *The Political Economy of Growth*; P. Worsley, *The Third World*; J. E. Goldthorpe, *The Sociology of the Third World*; E. De Kadt and G. Williams (Eds.), *Sociology and Development*; A. Hoogvelt, *The Third World in Global Development*; *The Sociology of Developing Societies*; A. Bernstein (Ed.), *Underdevelopment and Development*; I. Oxaal, Barnett and Booth (Eds.), *Beyond the Sociology of Development*; R. Rhodes (Ed.), *Imperialism and Underdevelopment*; J. Taylor, *From Modernisation to Modes of Production*; I. Roxborough, *Theories of Underdevelopment*; J. Paige, *Agrarian Revolution*; A. D. Smith, *State and Nation in the Third World*; I. Redclift, *From Peasant to Proletarian*; P. Bairoch, *The Economic Development of the Third World since 1900*; P. Bairoch and M. Levy-Leboyer (Eds.), *Disparities in Economic Development since the Industrial Revolution*; G. Kitching, *Development and Underdevelopment in Historical Perspective*; F. H. Cardoso and E. Faletto, *Dependency and Development in Latin America*; D. Collier (Ed.), *The New Authoritarianism in Latin America*; N. Girvan, *Corporate Imperialism*; C. Y. Thomas, *Dependence and Transformation*; C. Rosberg and T. Callaghey (Eds.), *Socialism in Sub-Saharan Africa*; I. L. Horowitz (Ed.), *Cuban Socialism*; M. Selden and V. Lippit (Eds.), *The Transition to Socialism in China*; K. Kumar (Ed.), *Transnational Enterprises: their impact on Third World Societies and Cultures*.

Supplementary Reading List: Detailed reading lists on specific topics are available from **Dr. Mouzelis**.

Examination Arrangements: A three-hour examination in June. Three questions to be answered.

Nationalism

Teacher Responsible: Dr. A. D. Smith, Room S776 (Secretary, Mrs. J. Ridyard A451)

Course Intended Primarily for M.Sc. Sociology, International Relations, Anthropology, Political Science.

Scope: 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. **Syllabus:** Nationalism and the international system; Nationalism and development; ethnic separatism and irredentism; race and nationalism; nationalism and revolution.

Teaching Arrangements: Seminars: So169 Sessional. (Students are also recommended to attend course So133).

Reading List: A. Cobban, *National Self-Determination*, Oxford University Press 1945; E. Kedourie, *Nationalism*, Hutchinson, 1960; E. Kedourie (Ed.), *Nationalism in Asia and Africa*, Weidenfeld & Nicolson, 1971; E. Gellner, *Thought and Change*, Weidenfeld & Nicolson, 1964; E. Gellner, *Nations and Nationalism*, Blackwell, 1983; K. Deutsch, *Nationalism and Social Communication*, MIT Press, 1966; H. Kohn, *The Idea of Nationalism*, Macmillan, 1967; P. Sugar & I. Lederer (Eds.), *Nationalism in Eastern Europe*, Seattle, 1969; I. Geiss, *The Pan African Movement*, Methuen, 1974; M. Hechter, *Internal Colonialism*, Routledge & Kegan Paul, 1975; N. Glazer and D. Moynihan (Eds.), *Ethnicity Theory and Experience*, Harvard University Press, 1975; H. Seton-Watson, *Nations and States*, Methuen, 1977; T. Nairn, *The Break-up of Britain*, New Left Books, 1977; L. Tivey (Ed.), *The Nation State*, Martin Robertson, 1980; J. Breuilly, *Nationalism and the State*, Manchester University Press, 1982; J. Armstrong, *Nations before Nationalism*, University of North Carolina Press, 1982; A. D. Smith, *Nationalism in the Twentieth Century*, Martin Robertson, 1979; A. D. Smith, *The Ethnic Revival*, Cambridge University Press, 1981; A. D. Smith, *Theories of Nationalism*, 2nd edn., Duckworth, 1983; B. Anderson, *Imagined Communities*, Verso Books, 1983; D. Horowitz, *Ethnic Groups in Conflict*, University of California Press, 1985; A. D. Smith, *The Ethnic Origins of Nations*, Blackwell, 1986.

Supplementary Reading List: A more detailed reading list is available from Dr. Smith and secretary and at the first two seminars.

Examination Arrangements: A three-hour examination in June with three questions to be answered.

So6850

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.

Syllabus: 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 organisation 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*; R. Bendix, *Nation-Building and Citizenship*; G. Roth, *The Social Democrats in Germany*; M. Schwartz, *Radical Protest and Social Structure*; C. Tilly, *The Vendee*; N. Smelser, *Theory of Collective Behaviour*; L. Kaplan, *Revolutions: A Comparative Study*; S. Woolf (Ed.), *The Nature of Fascism*, M. Kitchen, *Fascism*; T. Skocpol, *States and Social Revolutions*; I. Wallerstein, *The Modern World System*; E. Hobsbawm, *Primitive Rebels*; S. Cohen, *Bukharin*; A. Gerschenkron, *Bread and Democracy in Germany*; B. Moore, Jr., *Injustice*, chaps. 8-11; A. Gerschenkron, *Economic Backwardness in Historical Perspective*.

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.

So6852

Political Stability and Change

(Not available 1986-87)

Teacher Responsible: Mr. A. W. G. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for M.Sc. and other graduate students.

Scope: The aim of the seminar is to explore major problems in the analysis of political stability and

So6853

Theories of Political Sociology

Teacher Responsible: Mr. A. W. G. Stewart, Room S876 (Secretary, Mrs. Yvonne Brown, S686)

Course Intended Primarily for M.Sc. and other graduate students.

Scope: Selected sociological issues in the social distribution of power.

Syllabus: Key concepts and major theories of political sociology; 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; the comparative political sociology of capitalist and state socialist societies.

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: R. Aron, *Main Currents in Sociological Thought*, Vol. I (Section on Marx) and Vol. II (Section on Weber); Isaac Balbus, *Marxism and Domination*; A. Gilbert, *Marx's Politics*; R. Michels, *Political Parties*; R. T. McKenzie, *British Political Parties*; L. Minkin, *The Labour Party Conference*; R. Dahl, *Who Governs? Polyarchy*; R. Bell, D. Edwards and H. Wagner, *Political Power*; Alan Wolfe, *The Limits of Legitimacy*; R. Scase (Ed.), *The State in Western Europe*; S. Bornstein (Ed.), *The State in Capitalist Europe*; Tom Nairn, *The Break-up of Britain*; David Held et al (Eds.), *States and Societies*; E. Nordlinger, *On the Autonomy of the Democratic State*; S. Lukes, *Power*; Sheila Rowbotham, *Women's Consciousness, Man's World*; R. Reiter (Ed.), *Toward an Anthropology of Women* (esp. Gail Reuben, "Traffic in Women"); M. Stacey & M. Price, *Women, Power and Politics*; Elizabeth Wilson, *Women and the Welfare State*; T. Parsons, *Politics and Social Structure*; A. Gramsci, *Prison Notebooks*; A. Showstack Sassoon, *Gramsci's politics*; W. Adamson, *Hegemony and Revolution*; N. Abercrombie, S. Hill & B. Turner, *The Dominant Ideology Thesis*; John Scott, *Corporations, Classes and Capitalism*; F. Parkin, *Marxism and Class Theory*; Barry Smart, *Foucault, Marxism and Critique*; David Held, *Introduction to Critical Theory: Horkeimer to Habermas*; J. Habermas, *Toward a Rational Society, Legitimation Crisis*; T. McCarthy, *The Critical Theory of Jurgen Habermas*; M. Djilas, *The New Class*; D. Lane, *Politics and Society in the USSR*.

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.

So6854

The Political Sociology of Latin America

Teacher Responsible: Dr. Ian Roxborough, Room S687 (Secretary, Mrs. Margaret Savage, A453)

Course Intended Primarily for M.Sc. Sociology and M.A. (Area Studies in Latin America).

Scope: Aspects of the political sociology of Latin America.

Syllabus: Dominant classes, agrarian politics, urban subordinate classes, revolution, populism, democracy and authoritarianism, the military.

Teaching Arrangements: Seminars: So170 Sessional. **Reading List:** F. H. Cardoso & E. Faletto, *Dependency and Development in Latin America*, 1979; I. Roxborough, *Theories of Under-development*, 1979; B. Roberts, *Cities of Peasants*, 1978; P. Evans, *Dependent Development*, 1979; J. Payne, *Labor and Politics in Peru*, 1965; J. Paige, *Agrarian Revolution*, 1975; D. Collier, *The New Authoritarianism in Latin America*, 1979; R. Bonachea & M. San Martin, *The Cuban Insurrection*, 1974; J. Malloy, *Bolivia*, 1970; A. Stepan, *The Military in Politics*, 1971; J. Foweraker, *The Struggle for Land*, 1981.

Supplementary Reading List: A more detailed reading list is available from Dr. Roxborough or his secretary. **Examination Arrangements:** A three-hour examination in June. Three questions to be answered.

So6880

The Sociology of Religion (Undergraduate and Post graduate)

See So5921

So6881

Sociology of Deviant Behaviour

Teachers Responsible: Professor T. Morris, Room S877 (Secretary, Miss J. Johnson, S779), Dr. P. Rock, Room S875 (Secretary, Mrs. Margaret Savage, A453), Dr. D. Downes, Room A246 (Secretary, Miss Elizabeth Plumb, A280)

Course Intended Primarily for M.Sc. Sociology, M.Sc. Social Psychology, M.Sc. Social Planning.

Scope: The analysis of deviance, crime and social control.

Syllabus: The course falls into three parts: a systematic introduction to concepts and problems in the sociology of deviance; chronological review of major theories of deviance and control; 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*, 1982; M. McIntosh, *The Organisation 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 Dr. Rock or secretary. **Examination Arrangements:** three-hour examination in June.

So6960**Methods of Social Investigation**

(Not available 1986-87)

Teacher Responsible: Mr. G. Rose, Room S667 (Secretary, Miss J. Johnson, S779)**Course Intended Primarily for** Diploma in Sociology.**Scope:** The aim of the course is to introduce students to basic research methods and statistical techniques used in sociology.**Syllabus:** The process of social research; techniques of data collection; social surveys; data analysis; descriptive statistics; sampling and sampling distributions; elements of statistical inference; elements of correlation and regression.**Pre-Requisites:** None.**Teaching Arrangements:** There is a fortnightly seminar. There are two lecture courses, each accompanied by classes. The programme is as follows: Seminars: So152. **Methods of Social Investigation**. 12 sessional (fortnightly).Lectures: SA115. **Methods of Social Investigation**. 20 Michaelmas and Lent Terms. SM202. **Statistical Methods for Social Research**. 23 Sessional.Classes: So103. **Issues and Methods of Social Research**. 24 Sessional (weekly) and 12 Workshop classes Sessional (fortnightly).SM202. **Statistical Methods for Social Research**. 24 Sessional.

Students should note that the first lecture course above, SA115, does in fact comprise the lectures for course So103. Also, the fortnightly 'workshop classes' for So103 alternate with the seminars So152 to form a weekly series in Michaelmas and Lent Terms. For further details of teaching arrangements, reading lists and written work students should consult the two corresponding study guides:

Issues and methods of Social Research (So5801) (corresponding to So103) and **Methods of Statistical Analysis** (SM7215) (corresponding to SM202).**Written Work:** See the two study guides noted above. The course **Issues and Methods of Social Research** involves participation in a research project and the writing of a report. Candidates for the Diploma in Sociology are required to write this report, but it does not contribute to the final examination.**Reading List:** See the two study guides noted above.**Examination Arrangements:** There is a three-hour formal examination in the Summer Term, based on the syllabus for both lecture courses. The paper contains ten questions in all, six in Section A and four in Section B. Four questions are to be answered, two from each section.**So6969****Comparative European Social Structures**

(Not available 1986-87)

Course Intended Primarily for M.Sc. European Studies; M.Sc. Government and Politics of Western Europe.**Scope:** To introduce students to the main characteristics of contemporary western European societies.**Syllabus:** Occupational structure; industrial relations; welfare state; education systems; family structure; religion; social stratification. Students will be expected to specialise in two of the following: (a) France, (b) W. Germany, (c) Italy, (d) the Nordic countries, (e) the consociational democracies.**Pre-Requisites:** Some previous experience of sociology would be helpful, but a background in political science, history or economics will also be useful.**Teaching Arrangements:** Students should attend the seminars organised for the M.Sc. Sociology course, **Social Structure of Industrial Societies** (So162). When these seminars are covering topics and countries not relevant to this course, alternative seminars are organised for CESS students. There are 20-23 seminars *in toto*. Students may also wish to attend the lectures for the B.Sc. sociology course **Comparative Social Structures II** (So5830). Students also attend So172: **Comparative European Social Structures**, 15 lectures Sessional.**Reading List:** A full bibliography will be circulated at the start of the course.**Examination Arrangements:** There is a three-hour conventional examination in the Summer Term, in which three questions must be answered.**STATISTICAL AND MATHEMATICAL SCIENCES**

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars*Lecture/
Seminar
Number**Study Guide
Number***Mathematics**

SM100	Basic Mathematics Professor K. G. Binmore	10/ML	Ec1415
SM101	Introduction to Algebra Dr. H. Freedman and Dr. E. M. Boardman	45/MLS	SM7001
SM102	Elementary Mathematical Methods Dr. S. R. Alpern and Professor K. G. Binmore	46/MLS	SM7000
SM103	Introduction to Analysis and Set Theory Professor K. G. Binmore	45/MLS	SM7002
SM104	Informal Seminar Dr. H. Freedman	12/ML	
SM111	Further Analysis Dr. E. M. Boardman	25/MLS	SM7030
SM112	Further Algebra Dr. H. Freedman	20/ML	SM7040
SM113	Mathematical Methods Dr. A. J. Ostaszewski	45/MLS	SM7020
SM120	Game Theory I Professor K. G. Binmore	20/M	SM7025; SM8002
SM121	Game Theory II Professor K. G. Binmore	25/LS	SM7025; SM8003
SM122	Applied Abstract Analysis Dr. A. J. Ostaszewski	40/ML	SM7060
SM123	Ideas in Mathematics and Science Dr. J. L. Bell	10/M	SM7024
SM124	Introduction to Topology Dr. S. R. Alpern	24/MS	SM7021
SM125	Convexity and Duality Dr. A. J. Harris	10/L	SM7021
SM126	Fixed Point Theorems Dr. A. J. Harris	10/L	SM7021
SM127	Sets and Models Dr. J. L. Bell	40/ML	Ph6203; SM7031

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
SM128	Axiomatic Set Theory Dr. J. L. Bell	15/LS	Ph6203
SM129	Infinite Abelian Groups Dr. H. Freedman	20/ML	SM7042
SM130	Category Theory Dr. H. Freedman	20/ML	SM7041
SM131	Measure, Probability and Integration Dr. E. M. Boardman and Dr. S. R. Alpern	45/MLS	SM7061
SM132	Graph Theory and Combinatorics Dr. A. J. Harris	31/ML	SM7063

Statistics

SM200	Basic Statistics Professor A. C. Harvey and Dr. C. S. Smith	30/ML	SM7200
SM202	Statistical Methods for Social Research Mr. C. A. O'Muirheartaigh	33/MLS	PS5406; SM7215; So6960
SM204	Elementary Statistical Theory Mr. D. W. Balmer and Professor J. Durbin	40/ML	SM7201
SM206	Probability and Distribution Theory Dr. M. Knott and Professor J. Hajnal	31/MLS	SM7220
SM207	Estimation and Tests Professor J. Durbin	12/LS	SM7220
SM210	Analysis of Variance and Quality Control Dr. J. Howard	10/M	SM7230; SM8258
SM211	Time Series and Forecasting Professor A. C. Harvey	10/L	SM7230; SM8253; SM8258
SM212	Applied Regression Analysis Dr. C. S. Smith	10/L	SM7230; SM8253; SM8258
SM213	Survey Methods Mrs. K. E. Spitz	10/M	SM7230; SM8258
SM214	Surveys, Experiments and other Investigations Mrs. K. E. Spitz	11/LS	SM7240; SM8260
SM215	Sample Survey Theory Mrs. K. E. Spitz	15/ML	SM7240; SM8260
SM216	Multivariate Techniques Dr. C. M. Phillips	15/ML	SM7240; SM8260
SM217	Further Statistical Theory and Methods Dr. C. S. Smith	15/ML	SM7240

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
SM218	Statistical Theory Professor J. Durbin and Dr. M. Knott	45/MLS	SM7241; SM7250
SM219	Elementary Stochastic Processes Professor J. Hajnal	12/ML	SM7241; SM7250
SM220	Applications of Stochastic Processes Professor J. Hajnal	3/L	SM7241
SM221	Actuarial Applications of Stochastic Processes Professor J. Hajnal	5/L	SM7250
SM222	Marketing and Market Research Dr. C. M. Phillips, Mrs. K. E. Spitz and Mr. D. W. Balmer	70/MLS	SM7231
SM230	Introduction to Econometrics and Economic Statistics Mr. J. J. Thomas, Dr. C. M. Phillips and Professor A. C. Harvey	45/MLS	Ec1430
SM232	Econometric Theory Mr. J. E. H. Davidson and Dr. S. E. Pudney	40/ML	Ec1575; Ec2411
SM234	Statistical Sources Dr. C. M. Phillips	10/LS	SM8254; SM8260
SM235	Actuarial Investigations: Financial and Statistical Mr. L. A. Roberts	44/MLS	SM7260
SM236	Actuarial Life Contingencies Mr. P. Bayliss	44/MLS	SM7261
SM237	Statistical Packages and Data Analysis Dr. C. S. Smith	25/ML	SM8254
SM238	Fundamentals of Decision Theory Dr. J. Howard	10/M	SM7216; SM8204
SM239	Behavioural Decision Theory Dr. L. D. Phillips	10/M	SM7216; SM8204
SM240	Bayesian Statistical Methods Dr. M. Knott	10/L	SM7216; SM8204
SM241	Decision Analysis in Practice Dr. L. D. Phillips	10/L	SM7216; SM8204
SM250	Stochastic Processes Professor J. Hajnal and Mr. D. W. Balmer	40/ML	SM8203
SM254	Multivariate Analysis Dr. M. Knott	20/MLS	SM8257
SM255	Distribution-Free Methods and Robustness Dr. M. Knott	20/ML	SM8256
SM256	Analysis of Categorical Data Dr. C. S. Smith	10/LS	SM8257

<i>Lecture/ Seminar Number</i>		<i>Study Guide Number</i>	
SM257	Basic Time Series Analysis Professor J. Durbin and Professor A. C. Harvey	10/M	Ec2560; SM8256
SM258	Further Time Series Analysis Professor J. Durbin and Professor A. C. Harvey	10/L	Ec2561; SM8259
SM259	Applied Multivariate Analysis Professor A. C. Harvey	10/L	Ps6498; SM8255
SM260	Models for Social Processes (Not available 1986-87)	20/ML	SM8213
SM262	Further Sample Survey Theory and Methods Mr. C. A. O'Muircheartaigh	15/ML	SM8255
SM263	Experiments in Social Research Mrs. K. E. Spitz	10/L	SM8261
SM264	Survey Design, Execution and Analysis Mr. C. A. O'Muircheartaigh	20/ML	SM8261
SM265	Statistical Aspects of Educational Planning Dr. C. M. Phillips	15/L	SM8214; SM8260
SM268	Further Statistical Methods Dr. J. Howard	20/ML	Ps6498
SM271	Joint Statistics Seminars Dr. M. Knott	LS	
SM272	Advanced Lectures on Special Topics in Statistics Dr. M. Knott	L	

Computing and Operational Research

SM300	General Computing I Mr. A. Lubanski	20/ML	SM7301; SM8303; SM8300
SM301	General Computing II Professor I. Angell and Mr. C. Sharp	20/ML	SM7301; SM8303; SM8300
SM302	Introduction to Computing Dr. G. Doukidis	20/ML	SM7300
SM303	Fortran Vacation Course		
SM304	Fortran 77	10/M	SM7330
SM305	Pascal Programming Dr. G. Doukidis	15/ML	SM7300
SM306	Computing Methods I Professor I. Angell, Dr. J. Silwestrowicz and Mr. S. Smithson	20/ML	SM7320
SM307	Computing Methods II Professor I. Angell and Dr. J. Silwestrowicz	20/ML	SM7320

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM308	Pascal Programming Vacation Course		
SM309	Data Processing Methods	10/M	SM7322
SM310	Systems Analysis Methodology I Mr. R. K. Stamper and Ms. C. Avgerou	20/ML	SM7322
SM311	Computer File Organisation Dr. G. Doukidis	5/L	SM7300
SM312	Numerical and Symbolic Computing Dr. G. Doukidis and Dr. J. Sylwestrowicz	40/ML	SM7331
SM313	Elements of Management Mathematics Dr. M. Knott, Dr. S. Powell and Mr. J. Rosenhead	33/MLS	SM7340; SM8350
SM314	Operational Research Techniques Dr. J. V. Howard	25/MLS	SM7345
SM315	Mathematical Programming Dr. S. Powell	10/M	SM7345
SM317	Model Building in Operational Research Dr. R. J. Paul, Mr. D. W. Balmer, Professor A. Land and Dr. S. Powell	40/ML	SM7347
SM318	Management Sciences Seminar Dr. R. J. Paul	10/ML	
SM319	First-Year Computing Seminar Professor I. Angell	9/ML	
SM320	Management Game for Management Science Dr. R. J. Paul	10/ML	
SM321	Applications of Computers Dr. G. Doukidis and Dr. J. Silwestrowicz	15/ML	SM7231; SM8301
SM350	Operational Research Methodology Mr. J. Rosenhead	10/LS	SM8342; SM8344
SM351	Basic Operational Research Techniques Dr. R. J. Paul, Dr. J. V. Howard and Professor A. Land	18/M	SM8342; SM8343
SM352	Advanced Operational Research Techniques Dr. R. J. Paul, Dr. J. V. Howard and Mr. J. Rosenhead	20/LS	SM8347
SM353	Basic Mathematical Programming Professor A. Land	9/M	SM8342; SM8345; SM8351; SM8354
SM354	Mathematical Programming I Professor A. Land and Dr. S. Powell	15/ML	SM8351; SM8354
SM355	Mathematical Programming II Professor A. Land and Dr. S. Powell	15/L	SM8351; SM8355

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM356	Graph Theory Mr. A. J. Harris	10/M	SM7063; SM8351; SM8354; SM8356
SM357	Applied Statistical and Forecasting Techniques for O.R. Dr. J. V. Howard	9/M	SM8342; SM8343
SM358	Selected Topics in O.R. Dr. J. V. Howard, Dr. R. J. Paul, Mr. J. Rosenhead, Dr. S. Powell and Mr. A. J. Harris	15/ML	SM8342; SM8344
SM359	O.R. Tutorial Dr. R. J. Paul	10/S	SM8342; SM8344
SM360	Information I Mr. R. K. Stamper	10/M	SM8304
SM361	Information II Mr. R. K. Stamper	10/M	SM8304
SM362	Information Systems Management Mr. R. K. Stamper and Mrs. E. Samogyi	10/M	SM8300; SM8303; SM8304; SM8305
SM363	Systems Analysis Methodology II Mr. R. K. Stamper and Mrs. E. Samogyi	10/L	SM8304; SM8305
SM364	Computer Systems Design Professor I. Angell	10/L	SM8302
SM365	Basic Systems Analysis	10/M	SM8345; SM8349
SM366	Economics for Operational Research Dr. A. Roell	10/M	SM8344
SM367	Planning and Design Methods Mr. J. Rosenhead	10/L	Gy2860; SM8357
SM368	Workshop in Simulation and Computer Software Dr. R. J. Paul, Mr. D. W. Balmer and Dr. P. Knox	10/M	SM8345; SM8349
SM369	Topics in Systems Analysis – Seminar Mr. S. Smithson and others	20/ML	SM8302
SM370	Computers in Information Processing Systems Mr. S. Smithson	20/ML	SM8302
SM371	Workshop in Urban and Transport Models Professor A. D. J. Flowerdew and Dr. S. Powell	15/ML	SM8358
SM372	Facility Location Mr. J. Rosenhead	5/L	SM8357

<i>Lecture/ Seminar Number</i>			<i>Study Guide Number</i>
SM373	Distribution and Scheduling Dr. S. Powell	5/M	SM8356
SM374	Further Simulation Dr. R. J. Paul and Mr. D. W. Balmer	15/LS	SM8348
SM375	Cost-Benefit Analysis Professor A. D. J. Flowerdew	5/L	SM8356; SM8357
SM376	Valuation of Intangibles Professor A. D. J. Flowerdew	5/L	SM8356
SM377	Pascal Programming Mr. P. Knox	5/M+ week preceding Michaelmas	SM8345
SM378	Land Use Models Professor A. D. J. Flowerdew and Dr. S. Powell	5/M	SM8357
SM379	Introduction to Operational Research in Transport Dr. S. Powell and Professor A. D. J. Flowerdew	5/M	SM8356
SM380	Aspects of Development Economics Professor A. D. J. Flowerdew	5/LS	SM8306
SM381	Applications of New Technology Dr. J. Liebenau and Mrs. M. Hardiman	20/ML	SM8306
SM382	Management and Political Issues	15/ML	SM8306
SM384	Seminar for Research Students in Systems Analysis Mr. S. Smithson and others	30/MLS	
SM385	Research Seminar in Systems Analysis Mr. S. Smithson and others	9/ML	
SM386	Combinatorial Optimization Mr. A. J. Harris	35/LS	SM7063; SM8346
SM387	Transport Economics for Operational Research	10/L	SM8356

Guide to Statistics courses for Research students

The Department provides courses in statistics suitable for non-statisticians at three levels: (i) Introductory (1st year undergraduate) courses; (ii) other applied undergraduate courses; and (iii) special courses for research students. Students should feel free to approach the teacher responsible for each course to discuss its suitability for their needs.

I. Introductory undergraduate courses

The Department teaches three first-year courses which do not assume any previous knowledge of statistics. They differ primarily in the level of mathematical background required and in their theoretical level. The titles of the courses are inversely related to the level of mathematics required.

SM202: Statistical Methods for Social Research (Study Guide SM7215)

This is the least mathematical of the courses. It is taught primarily to 1st year Sociology and 1st year Social Psychology students for whom it is a compulsory paper. It comprises thirty lectures, ten in the Michaelmas term and twenty in the Lent term. There is also a one-hour class each week at which the homework exercises are discussed. There are no prerequisites for this course. The applications discussed are mainly from Sociology and Psychology.

SM200: Basic Statistics (Study Guide SM7200)

This course (30 lectures, 20 classes) is an introduction to some fundamental ideas of statistical analysis, aimed at students with limited mathematical knowledge and ability (O-level, but no A-level). The first 10 lectures are devoted to basic probability theory, and the remainder to the ideas of sampling and inference. The ideas of estimation and hypothesis testing are applied to simple linear regression and on-way analysis of variance.

SM204: Elementary Statistical Theory (Study Guide SM7201)

This is a course of 40 lectures and 20 associated classes which is intended to introduce students to the principal ideas of statistics at an elementary level. Most of the students attending the course will be first year undergraduates having a level of mathematical attainment equivalent to A-level, but with little or no prior experience of statistics.

The course covers aspects of descriptive statistics including exploratory data analysis; elementary probability and distribution theory; and statistical inference and methodology, including regression and time series analysis and the analysis of variance. It may serve either as a self-contained introduction to statistics or as a foundation for further theoretical or applied courses in statistics or econometrics.

II. More advanced undergraduate courses

All other courses in statistics require some prior understanding of statistical principles. The papers **Marketing and Market Research** (SM7231) and **Statistical Techniques for Management Sciences** (SM7230) are those most likely to be of interest to non-statisticians. Intending students should speak to the responsible teacher before deciding to attend these courses.

SM7231: Marketing and Market Research

The aim of this course is to cover the main methods of data collection and analysis used in market and opinion research. An understanding of the elements of probability and statistical inference is required. Although much of the course is completely non-mathematical, those students who have done only one basic course in statistics will find part of the course very difficult.

SM7230: Statistical Techniques for Management Sciences

This is a second-level course, emphasising the application of statistical techniques which have proved useful in management sciences. Students should have completed the equivalent of **Elementary Statistical Theory** (SM7201) and **Elementary Mathematical Methods** (SM7000). It consists of four lecture courses, each accompanied by a class, as follows: SM210, **Analysis of Variance and Quality Control**; SM211, **Time Series and Forecasting**; SM212, **Applied Regression Analysis**; SM213, **Survey Methods**.

III. Special courses for research students

The Department will introduce two special courses for research students from other departments in 1986-7.

SM273 Quantitative Analysis in Social Research

The course will provide a brief intensive introduction to the principles and methods of statistical analysis applicable to social research data.

SM274: Workshop in Applied Statistics

The workshop will deal with practical problems in statistical analysis raised by the participants.

Study Guides

Quantitative Analysis in Social Research

Teacher Responsible: Colm O'Muircheartaigh, Room S214 (Secretary, Ann Morris, S205)

Course Intended Primarily for: Research students, Ph.D., M.Phil. and Research Fee students in all departments of the School.

Scope: The course will provide a brief intensive introduction to the principles and methods of statistical analysis applicable to social research data.

Prerequisites: None.

Teaching Arrangements: There will be five afternoon sessions commencing in the second week of the Lent Term. Intending students should see the teacher responsible in advance.

Examination Arrangements: There will be no formal assessment associated with this course.

Workshop in Applied Statistics

Teachers Responsible: Colm O'Muircheartaigh, Room S214 and Miss Susannah Brown, Room S211 (Secretary, Mary Cahill, S206)

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.

Scope: The workshop will deal with the practicalities of statistical data analysis in research within the social sciences.

Syllabus: There is no formal syllabus. The initial meetings will outline the computing and other support facilities available within the School. Subsequent sessions will be concerned with the particular problems of workshop participants.

Pre-Requisites: None except the need for such support.

Teaching Arrangements: One two-hour meeting per week in the Lent and Summer Terms.

Reading List: Reading will be recommended according to need.

Examination Arrangements: There will be no formal assessment associated with this course.

SM303

Fortran 77 Programming (General)

Teacher Responsible: Miss C. R. Hewlett, Room S202
Course Intended Primarily for beginners in FORTRAN 77, it would also be useful for those wishing to revise FORTRAN or to convert to it from the previous standard version (FORTRAN IV).

Teaching Arrangements: The course consists of the video-taped lectures, "Structured FORTRAN", together with supervised classes and practical sessions. This course will be given twice during the session.

(a) Christmas vacation: five days, 15-19 December 1986.

(b) Easter vacation: five days, 23-27 March 1987.
Anyone wishing to take this course should register with the Computer Service Receptionist (Room S100) by 5 December 1986 for Course (a) or by 13 March 1987 for Course (b).

Recommended Reading: A handbook accompanies the course; this will be on sale at the beginning of the course price £3.00.

SM304

FORTRAN 77

Teacher Responsible: Miss C. R. Hewlett, Room S202
Course Intended Primarily for beginners in FORTRAN 77; it would also be useful for those wishing to revise FORTRAN or to convert from the previous standard version (FORTRAN IV).

Syllabus: The Syntax of the FORTRAN 77 programming language. The course is based on the video-taped lectures: "Structural FORTRAN" by T. M. R. Ellis at the University of Sheffield.

Teaching Arrangements: Lectures: SM304, 10 video-taped lectures, Michaelmas Term.

Classes: SM304a, 10 classes, Michaelmas Term.

Recommended Reading: A handbook accompanies the course; this will be on sale at the first lecture, price £3.00.

Additional Reading: T. M. R. Ellis, *A Structural Approach to FORTRAN 77 Programming*.

SM308

Pascal Programming (General)

Teacher Responsible: Miss C. R. Hewlett, Room S202
Course Intended Primarily for beginners in Pascal.

Teaching Arrangements: The course is based on the video-taped lectures, "Programming in Pascal"

together with supervised classes and practical sessions. The course will be given twice during the session.

(a) Christmas vacation: five days, 15-19 December 1986.

(b) Easter vacation: five days, 23-27 March 1987.

Anyone wishing to take this course should register with the Computing Service receptionist (Room S100) by 5 December 1986 for course (a) or by 13 March 1987 for course (b).

Recommended Reading: L. V. Atkinson, *A Student's Guide to Programming in Pascal*.

SM7000

Elementary Mathematical Methods

Teacher Responsible: Dr. S. R. Alpern, Room S485 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp./Act.Sci.), B.Sc. (Man.Sci.), B.Sc. (Econ.), Dip. Stat., Dip. Econ. and suitably qualified graduate students.

Scope: This is a first level "how-to-do-it" course for those who wish to use mathematics seriously in social science.

Syllabus: Real and complex numbers. Sets and functions. Differentiation and integration with emphasis on several variables. Elementary optimisation. Simple differential and difference equations. Vectors, matrices and determinants. Eigenvalues and quadratic forms. Vector spaces and linear transformations. Solutions of systems of linear equations.

Pre-Requisites: A knowledge of the elementary techniques of mathematics including calculus as covered in a British 'A' level mathematics subject. Students without such a background should first take the paper **Basic Mathematics for Economists** with particular reference to the purely mathematical lectures SM100 **Basic Mathematics** taught in association with this paper.

Teaching Arrangements: The lecture course SM102 **Elementary Mathematical Methods**. This lecture course consists of 25 weekly lectures on Calculus given by Professor K. Binmore and 20 weekly lectures on **Linear Algebra** given by Dr. S. Alpern. Associated with the lectures are weekly problem classes SM102a given mostly by part-time teachers and graduate students.

Written Work: Students will be expected to attempt simple exercises designated in the lectures. Written answers to specified exercises are submitted to the appropriate class teacher for evaluation. Success in this paper depends largely in dealing with this written work in a regular and systematic fashion.

Reading List: Students should purchase *Calculus* (C.U.P.) by K. G. Binmore and *Elementary Linear Algebra* by Howard Anton; G. Hadley, *Calculus* by Bers and Karal, *Methods for Economists* by T. Yamane. Some inexpensive supplements are the "Library of Mathematics" books, *Complex Numbers*, *Partial Derivatives* and *Multiple Integrals*. Also the "Schaum Outline" books, *Calculus* by F. Ayres, *Linear Algebra* by Lipschutz and *Mathematics for Economists* by E. Dowling.

Examination Arrangements: Students are normally assessed on the basis of a three hour formal examination in the Summer Term.

SM7001**Introduction to Algebra**

Teacher Responsible: Dr. H. Freedman, Room S465 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths.) 1st year; B.Sc. (Maths./Stats., Maths./Comp.); B.Sc. (Maths./Phil.); B.Sc. (Econ.) (Maths./Econ.); B.Sc. (Econ.) Part I.

Scope: An introduction to the basic structures in algebra and their respective homomorphism.

Syllabus: Vector spaces. Linear transformations and matrices. Linear equations. Inner product spaces. Eigenvalues and quadratic forms. Elementary group and ring theory. Euclidean rings.

Pre-Requisites: Elementary algebra, for example, the binomial theorem, quadratic equations, complex numbers. The ability to grasp abstract concepts.

Teaching Arrangements: 23 lectures (SM101) and 22 classes (SM101a) on **Linear Algebra** (Dr. E. Boardman).

23 lectures and 22 classes on **Abstract Algebra** (Dr. H. Freedman).

Informal Seminar, 12 hours, SM104, (Dr. H. Freedman).

Written Work: Lecture notes including exercises are provided. Students are expected to hand in exercises in each subject each week. These are corrected and fully discussed in the respective classes. In addition there is an informal seminar where students are encouraged to give at least one lecture on some subject in algebra. Students are assisted with the preparation of their lectures.

Reading List: H. Anton, *Elementary Linear Algebra* (3rd edn.), Wiley; P. M. Cohn, *Algebra*, Vol. 1 (Chaps. 1-9), John Wiley; I. N. Herstein, *Topics in Algebra* (Chaps. 1-3), Blaisdell; R. B. J. T. Allenby, *Rings, Fields and Groups*, E. Arnold; S. Lipschutz, *Theory and Problems of Linear Algebra*, McGraw-Hill; N. Ya Vilenkin, *Stories about Sets*, Academic Press.

Supplementary Reading List: N. Jacobson, *Basic Algebra I*, W. H. Freeman; N. H. McCoy & T. R. Berger, *Algebra*, Allyn & Bacon; L. Shapiro, *Introduction to Abstract Algebra*, McGraw-Hill.

Examination Arrangements: There is a 3 hour formal examination in the Summer Term, based on the full syllabus for the lecture course. The paper contains 8 questions. Full marks may be obtained on 5 questions.

SM7002**Introduction to Analysis and Set Theory**

Teacher Responsible: Professor K. Binmore, Room S484 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp./Act.Sci.), B.Sc. (Econ.).

Scope: The course establishes the fundamental theory on which, among other things, the techniques of calculus are based. The emphasis is on logical proof and careful reasoning.

Syllabus: Elementary logic and set theory. Number systems particularly the reals. Convergence and continuity. Differentiation and integration. Analysis in finite dimensional space.

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 SM103 **Introduction to Analysis and Set Theory** consisting of two lectures per week (approx. 45 lectures in all) should be attended. In addition a weekly class SM103a is given which is chiefly devoted to going over problems. The class is of fundamental importance.

Written Work: Every second week students are required to submit written work to their class teachers who will comment upon this and discuss appropriate issues in the classes. Most students find that it takes some considerable time to learn the art of presenting an argument in a sufficiently careful manner to satisfy their class teacher. In addition students should attempt problems from the first book listed below and may be asked to present answers to these problems verbally during their classes.

Reading List: Students should purchase *Mathematical Analysis: A Straightforward Approach* and *Foundations of Analysis: A Straightforward Introduction*, Vol. 1 (*Logic, Sets and Numbers*) both by K. G. Binmore published by C.U.P. (The second of these is not required until the Lent Term.) Students may also wish to consult Vol. 2 (*Topological Ideas*) of the second book mentioned above, *A First Course in Mathematical Analysis* by C. Burkill (C.U.P.) and *Mathematical Analysis* by D. A. Quadling (O.U.P.). Also *Numbers and Infinity* by E. Sondheim and A. Rogerson, *Stories about Sets* by N. Ya Vilenkin.

Examination Arrangements: Students are normally assessed on the basis of a three hour formal examination in the Summer Term.

SM7020**Mathematical Methods**

Teacher Responsible: Dr. A. Ostaszewski, Room S464 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Econ.) Part II under the following special subjects: II Mathematical Economics & Econometrics 5(b)

V International Trade & Development 7(o)

XI Statistics 1

XII Computing 4, 5 & 6(l)

B.Sc. by Course Unit (Unit 550/7020) (Maths./Stats./Comp./Actuarial Sci./Management Science/ Mathematics & Philosophy) 2nd or 3rd year.

Diploma in Econometrics 4(b)

Diploma in Statistics (c) (ii)

Diploma in OR 3 & 4 (b) (ii)

Diploma in Management Sciences IV(c)

M.Sc. preliminary year.

Scope: To develop the ideas and results first presented in **Elementary Mathematical Methods**. On the calculus side the course studies how integrals may be numerically calculated, or transformed by a variety of manipulations, and how they may be applied systematically to the solutions of differential equations. On the algebra side geometric insights are used as a unifying framework for such diverse problems as reduction of (possibly non-square) matrices to simpler

form, fitting a line through non-collinear points, solving both linear and non-linear programmes, solving a two person zero-sum game.

Syllabus:

(i) Integration and Transforms. Riemann-Stieltjes integral, manipulation of integrals. Multiple integrals. Convolutions. Laplace Transforms.

(ii) Matrix Analysis. Vector Spaces (revision). Wronskian. Geometry in R^n (orthogonality, Gram-Schmidt, conjugate directions). Rank of matrices. Spectral Theory. Positive definiteness. Upper triangular and blockdiagonal form. Tridiagonal form (Householder's method). Projections and least squares. Generalized inverses.

(iii) Convexity and Programming. Convexity. Separating hyperplane. Linear inequalities. Linear programming. Zero-sum games. Simplex method. Concave functions. Kuhn-Tucker theorem.

(iv) Differential Equations. Linear ordinary differential equations. Solution by series expansion (power series, Fourier series).

(v) Calculus of Variations. (Introductory treatment.)

Pre-Requisites: Ideally the course **Elementary Mathematical Methods**. Alternatively (a) a course in linear algebra so that notions like linear independence, eigenvalue, diagonalisation are already familiar, and (b) an intermediate course of calculus giving proficiency in routine differentiation and integration of say rational functions and trigonometric functions.

Teaching Arrangements: One lecture course accompanied by classes. (SM113)

Lectures: SM113 - 45 one-hour meetings, two per week, Michaelmas and Lent Terms with about 5 hours overspill into Summer Term condensed by mutual arrangement into two weeks.

Classes: SM113(a) 24 Sessional.

Very full lecture notes are distributed in advance and contain a very full assortment of problems. No course book is necessary but alternative accounts are always worth consulting (as below). Class teachers are all part-time. They assign a selection of the problems already mentioned for homework and these must be done (or attempted at the very least) and handed in for marking. Model answers are available but will be distributed only selectively.

Reading List: Recommended reading (i) M. R. Spiegel, *Advanced Calculus*; M. R. Spiegel, *Laplace Transforms*; (ii) and (iii) B. Noble, *Applied Linear Algebra*; R. Bellman, *Matrix Analysis*; (iv) and (v) L. Elsgolts, *Differential Equations and Calculus of Variations*; E. L. Ince, *Differential Equations*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. A revision guide will be issued at the end of Lent Term detailing: the structure of the paper, what subject matter may safely be omitted and which areas to concentrate on.

SM7021**Topology & Convexity**

Teachers Responsible: Dr. S. Alpern, Room S485 and Dr. A. Harris, Room S106A (Secretary, Mimi Bell, S468)

Course Intended Primarily for second or third year B.Sc. mathematics, usually audited by postgraduate Economists.

Scope: The aim of the course is to introduce the student to abstract techniques of Analysis. These techniques are useful in many fields of pure and applied mathematics and particularly in theoretical mathematical economics.

Syllabus:

(i) SM124 **Introduction to Topology:**

(a) In the Michaelmas Term there are 20 lectures which introduce "point-set" topology.

Topological Spaces are defined and properties such as connectedness, completeness and compactness are discussed. Examples and techniques of proving topological theorems are emphasised.

(b) There will be four lectures in the Summer Term covering applications to game theory and economics.

(ii) SM125 **Convexity and Duality:**

(c) The next 10 lectures present a brief introduction to "convex analysis" and the Duality Theorem of Linear Programming. We do not cover computational methods for solving Linear Programs in this course.

(iii) SM126 **Fixed Point Theorems:**

(d) 10 lectures in the first half of the Lent Term cover the Fixed Point Theorems of Banach, Brouwer, Schauder and Kakutani.

Pre-Requisites: A basic knowledge of Analysis (continuity, differentiation, topology of Euclidean space) and in particular techniques for formal proofs is required for parts (c) and (d) of the syllabus. This knowledge is normally obtained in the course **Introduction to Analysis and Set Theory**. The second part of the course (c) **Convexity and Duality** requires an elementary knowledge of Linear Algebra or Matrix Algebra, to the extent of understanding the nature of solutions to a system of linear equations.

Teaching Arrangements: There are three lectures (SM124; SM125; SM126) and one class (SM124a) each week. The class is devoted mainly to discussing assigned work.

Written Work: Students are expected to submit written solutions to some of the problems assigned for the classes.

Reading List: S. Lipschutz, *General Topology*; Hocking & Young, *Topology*; J. Franklin, *Methods of Mathematical Economics*; D. Smart, *Fixed Point Theorems*.

Examination Arrangements: There is a single three-hour formal examination in the Summer Term.

SM7024**Ideas in Mathematics and Science**

Teacher Responsible: Dr. J. L. Bell, Room S467 (Secretary, Mimi Bell, S468) and Dr. E. G. Zahar, Room A210 (Secretary, A214)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp. 2nd or 3rd year, Maths. and Phil. 2nd or 3rd year.

Scope: The aim of the course is to survey, at an elementary level, some of the major historical developments in mathematics and physics.

Syllabus: Mathematics: Concepts of Greek mathematics: Eudoxan theory of proportions; concept of the continuum; Zeno's paradoxes. The three ancient problems and their resolution in the 19th century: trisection of the angle, doubling the cube, squaring the

circle. Euclidean and non-Euclidean geometry. Paradoxes of the infinite and the consistency of mathematics.

Physics (1) The Scientific Revolution which started with Copernicus and culminated with Galileo, Kepler, Descartes and Newton.

(2) A brief account of the discovery of the Calculus.
(3) The philosophical aftermath of the emergence of Newtonian science, in particular Kant's, Mach's and Poincaré's respective appraisals of Newtonian dynamics.

Pre-Requisites: A-level Mathematics (acquaintance with the differential calculus).

Teaching Arrangements: There are 2 lecture courses (SM123; Ph110), each accompanied by a class (SM123a), as follows:

Lectures: **Ideas in Mathematics and Science**, and **Fundamental Ideas in Classical and Relativistic Physics**.

Written Work: The material covered in the lectures is discussed in the classes. Students are required to write substantial essays on a mathematical and on a physical topic chosen by themselves.

Reading List: For Mathematics: E. T. Bell, *The Development of Mathematics*; H. Eves, *An Introduction to the History of Mathematics*. For Physics: E. Mach, *The Science of Mechanics*; A. Einstein & L. Infeld, *The Evolution of Physics*; A. Einstein, *Relativity: a Popular Approach*; M. Born, *Einstein's Theory of Relativity*; G. Holton & D. H. D. Roller, *Foundations of Modern Physical Science*.

Supplementary Reading List: S. Goldstein, *Classical Mechanics*.

Examination Arrangements: There is a 3-hour formal examination based on both lecture courses. The paper contains approximately 15 questions in the form of essay topics, of which 3 are to be answered.

SM7025

Game Theory

Teacher Responsible: Professor K. Binmore, Room S484 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp./Act.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.

Scope: The theory of games and its applications in economics.

Syllabus: 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. Cooperative games. Survey of cooperative solution concepts including the core, Von Neumann and Morgenstern solutions sets, Aumann and Maschler bargaining sets, Nash bargaining solutions and the Shapley Value. The Nash program and non-cooperative bargaining models. Market games and the application of game-theoretic ideas to problems in the economic theories of externalities, oligopoly and resource allocation under differential information. (Students will not be required

to prepare for the whole of this syllabus. Mathematically trained students will be expected to omit the more advanced economic material and Economic students will be expected to omit the more advanced mathematical material.)

Pre-Requisites: A knowledge of mathematics beyond that covered in **Elementary Mathematical Methods** (SM102) possibly including **Introduction to Analysis and Set Theory** (SM103) and/or **Mathematical Methods** (SM113). For the more advanced economics material, a knowledge of economics as covered in **Ec113 Principles of Economics Treated Mathematically**. For the more advanced mathematics material **SM124 Introduction to Topology** and **SM126 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 SM120 **Games** consisting of two lectures a week in the Michaelmas Term (and one lecture a week thereafter). The lecture course SM121 **Game Theory II** consisting of two lectures a week in the Lent Term. Also twenty-five problem classes SM120a are given throughout the year. The classes are organised by **Dr. A. Ostaszewski**. Attendance for about 35 hours will be expected.

Written Work: Lecture notes containing problems are supplied. Written answers will be expected by the class teacher on a regular basis and the problems will be discussed in the class.

Reading List: This subject is currently under development and completely adequate books are not available. *Game Theory* by G. Owen (2nd edn.) should be purchased or *Game Theory* by T. Jones (although this is only sound on zero-sum games). Some further references are *Games and Decision* by Luce & Raiffa, *The Theory of Games and Economic Behaviour* by Von Neumann & Morgenstern, *Two-Person Game Theory* by Rappaport, *Economics and the Theory of Games* by Bacharach, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations* by Harsanyi, *The Compleat Strategyst* by Williams, *The Strategy of Conflict* by Schelling.

Examination Arrangements: Students are normally assessed on the basis of a three-hour formal examination in the Summer Term. The examination will contain a general section, a more mathematical section and a more economical section. Students will be required to answer questions from two of these three sections.

SM7030

Further Analysis

Teacher Responsible: Dr. E. Boardman, Room S486 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp./Act.Sci.); B.Sc. (Econ.) and suitably qualified graduate students.

Scope: This is a second level theoretical course in analysis. The aim is to consolidate and extend the students' knowledge of real analysis via a discussion of

topological ideas in a concrete setting and to introduce the basic notions of complex analysis.

Syllabus: Real analysis and topology in metric spaces including finite dimensional Euclidean space. Complex analysis including the Residue Theorem and elementary mapping ideas.

Pre-Requisites: Students should have previously attended SM103 **Introduction to Analysis and Set Theory** or the equivalent. (For an American student an equivalent background would involve at least one course in formal real analysis together with several supplementary courses in mathematics.) Simultaneous attendance at the course SM124 **Introduction to Topology** is helpful but not necessary.

Teaching Arrangements: The lecture course SM111 **Further Analysis** consisting of some 25 lectures taught in the Michaelmas and Lent Terms by **Dr. Boardman** associated with which are the weekly problem classes SM111a also conducted by **Dr. Boardman**. Also the lecture course M204 **Functions of a Complex Variable** taught at King's College. The latter course consists of three hours per week beginning in the 2nd or 3rd week of the Lent Term and extending into the Summer Term.

Written Work: Written answers to set problems will be expected on a regular basis by **Dr. Boardman** and the teacher at King's College. Students may also be asked to answer problems from the recommended textbook verbally in the classes. Written work is of particular importance in this course.

Reading List: *Foundations of Analysis: A Straightforward Introduction, Vol. II (Topological Ideas)* by K. G. Binmore contains most of the material to be covered in SM111 (though not necessarily in the same order). *Basic Complex Analysis* by J. E. Marsden covers the material taught in M204.

Alternatives and Further Reading: For SM111: *Mathematical Analysis 2* by J. C. Burkill and H. Burkill, *Introduction to Topology and Modern Analysis* by G. F. Simmons, *The Theory and Problems of General Topology* by S. Lipschutz ("Schaum's Outline" Series). All these contain topics outside the scope of SM111, the nearest book to the material covered is K. G. Binmore mentioned above. For M204: *Theory and Problems of Complex Variables* by M. R. Spiegel ("Schaum's Outline" Series), *Complex Analysis* by L. V. Ahlfors, *Introduction to Complex Analysis* by R. Nevanlinna and V. Paatero, *Basic Complex Analysis* by J. E. Marsden, *Complex Analysis* by I. Stewart and D. Tall, *Complex Analysis* by A. F. Bearden.

Examination Arrangements: Students are normally assessed on the basis of a three hour formal examination in the Summer Term.

SM7031

Sets and Models

Teacher Responsible: Dr. J. Bell, Room S467 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp.) 2nd or 3rd year; B.Sc. (Maths./Phil.) 2nd or 3rd year; Dip. Logic and Sci. Method; M.Sc. Logic and Sci. Method.

Scope: The aim of this course is to provide an

introduction to set theory and the model theory of first-order languages.

Syllabus: Axiomatic approach to set theory. Sets and classes. Well-orderings. Cardinals and ordinals. The axiom of choice and Zorn's lemma.

First-order languages and their models. Completeness, compactness and Löwenheim-Skolem theorems. The elementary chain theorem and some of its consequences: Craig's interpolation lemma and Beth's definability theorem.

Pre-Requisites: A basic acquaintance with predicate calculus, as provided in the course Ph114: **Introduction to Mathematical Logic**.

Teaching Arrangements: 20 lectures on set theory in the first term, 20 lectures on model theory in the second term (SM127). (Full lecture notes provided.) 20 problem classes (SM127a) over the 2 terms.

Reading List: J. Bell & M. Machover, *A Course in Mathematical Logic*; J. Bridge, *Beginning Model Theory*; K. Kuratowski & A. Mostowski, *Set Theory*; E. Mendelson, *Introduction to Mathematical Logic*.

Examination Arrangements: There is a 3 hour formal examination in the Summer Term, based on the full syllabus for the lecture course. The paper contains 10 questions divided into 2 sections (set theory, model theory respectively). Full marks may be obtained on 5 questions of which at least one must come from each section.

SM7040

Further Algebra

Teacher Responsible: Dr. H. Freedman, Room S465 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths.); B.Sc. (Maths./Stats., Maths./Comp.); B.Sc. (Maths./Phil.). **Scope:** The aim of this course is to introduce students to the theory of modules, in particular, modules over a principal ideal domain.

Syllabus: Topics in commutative rings; Modules; Projective and injective modules; Modules over a principal ideal domain.

Pre-Requisites: The rudiments of group and ring theory as presented in the course **Introduction to Algebra**.

Teaching Arrangements: 20 lectures and 20 seminars (Michaelmas and Lent Terms) (SM112)

14 classes (Michaelmas and Summer Terms) (SM112a)

Written Work: Weekly exercises during the Michaelmas and Summer Terms. The Lent Term is devoted to seminars given by students on their projects. Written reports on the projects are handed in early in the Summer Term.

Reading List: M. F. Atiyah & I. G. Macdonald, *Introduction to Commutative Algebra*, Addison-Wesley; S. MacLane & G. Birkhoff, *Algebra* (Chapters 4, 6 and 10), Macmillan Co.; N. Jacobson, *Basic Algebra II* (Chapter 3), Freeman.

Supplementary Reading List: D. W. Sharpe & P. Vámos, *Injective Modules*, Cambridge University Press.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 7 questions. Full marks may be obtained on 4 questions. 60% of the total assessment of the course

is based on the exam paper. 40% is awarded on the project, for which both the written report and the lecture are taken into consideration.

SM7041**Category Theory**

Teacher Responsible: Dr. H. Freedman, Room S465 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths.) 3rd year; B.Sc. (Maths./Stats., Maths./Comp.) 3rd year; B.Sc. (Maths./Phil.) 3rd year; M.Sc. (Maths.)

Scope: The aim of the course is to introduce students to the theory of categories, emphasizing ideas and methods which can also be used in other fields of Mathematics.

Syllabus: Functors and natural transformations; Limits and colimits; Adjoints; Completion; Abelian categories; monads and algebras.

Pre-Requisites: Acquaintance with sets, groups, rings and modules. Mathematical maturity.

Teaching Arrangements: 20 lectures (SM130) and 20 classes (SM130a) during the Michaelmas and Lent Terms.

Written Work: During the Michaelmas Term each student has to prepare, under supervision, a project, lecture on it to the class in the Lent Term and hand in a written report early in the Summer Term. In addition there are weekly exercises during the Lent Term.

Reading List: S. MacLane, *Categories for the Working Mathematician*, Springer; M. A. Arbib & E. G. Manes, *Arrow, Structures and Functions* (Chapter 10), Academic Press.

Supplementary Reading List: B. Pareigis, *Categories and Functors*, Academic Press.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 7 questions. Full marks may be obtained on 4 questions.

60% of the total assessment of the course is based on the exam paper.

40% is awarded on the project, for which both the written report and the lecture are taken into consideration.

SM7042**Infinite Abelian Groups**

Teacher Responsible: Dr. H. Freedman, Room S465 (Secretary, Mimi Bell, S488)

Course Intended Primarily for B.Sc. (Maths.) 3rd year; B.Sc. (Maths./Stats., Maths./Comp.) 3rd year; B.Sc. (Maths./Phil.) 3rd year.

Scope: The aim of the course is to introduce students to the theory of infinite abelian groups and to help them acquire some of the techniques used in modern infinite algebra.

Syllabus: Direct sums of cyclic groups. Divisible and free Abelian groups. Pure subgroups. Basic subgroups. Ulm's theorem.

Pre-Requisites: The rudiments of group theory as presented in the course **Introduction to Algebra**.

Teaching Arrangements: 20 lectures (SM129) (about 75% of them given by students) and 20 classes SM129(a).

Written Work: During the Michaelmas Term each student has to prepare, under supervision, a project, lecture on it to the class in the Lent Term, and hand in a written report early in the Summer Term. Each student also has to give further lectures covering part of the course (usually the one related to his or her project), and hand in weekly exercises.

Reading List: L. Fuchs, *Infinite Abelian Groups I*, Academic Press; I. Kaplansky, *Infinite Abelian Groups*, Ann Arbor, Michigan Univ. Press.

A selection of papers specified during the course.

Supplementary Reading List: P. A. Griffith, *Infinite Abelian Group Theory*, Univ. Chicago Press.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. The paper contains 7 questions. Full marks may be obtained on 4 questions.

60% of the total assessment of the course is based on the exam paper.

40% is awarded on the project for which the written report and the lecture are taken into consideration.

**SM7060
SM8001****Applied Abstract Analysis**

Teacher Responsible: Dr. A. Ostaszewski, Room S464 (Secretary, Mimi Bell, S468)

Course Intended Primarily for M.Sc. prelim. and final year. Available for suitable candidates for B.Sc. (Econ.) Part II. B.Sc. Course Unit (Maths./Stats./Comp./Actuarial Science/Management Science/Maths. and Phil.) 3rd year only.

Scope: To present a self-contained rigorous treatment of differentiation in infinite dimensional spaces (e.g. spaces consisting of functions) which establishes the calculus of variations as a tool for solving optimisation problems of a non-linear nature (such as finding the shortest path between two points on a given surface). A field of applications is then studied either using this tool or the whole framework of functional analysis.

Syllabus: Selected topics from the following:

- (i) Functional Analysis and Optimization. (Banach spaces, Hahn-Banach Theorem, Operator Derivatives, Abstract Lagrange Multipliers).
- (ii) Control Theory. (Calculus of Variations, Pontryagin Theory, Linear Systems, Feedback Control, Stability).
- (iii) Continuum Economics. (Lebesgue measure of a coalition, mean demand, equivalence theorem, limit theorems.)
- (iv) Special topic to be announced.

Pre-Requisites: Ideally though not necessarily a second course in Analysis. However, a rigorous first course in **Analysis and Set Theory** which considers metric spaces and topological spaces on an introductory level will suffice, provided that the student is well versed in what are known as "epsilon and delta" arguments and is accustomed to "abstract notions".

Teaching Arrangements: One lecture course (SM122) accompanied by classes.

Lectures: SM122 Two one-hour sessions Michaelmas and Lent Terms.

Classes: One hour Michaelmas and Lent Terms (SM122a)

Classes are taken by Dr. Ostaszewski. Very full notes are provided with appropriate problem sheets. Model answer may be provided as necessary. No course book is required but it is advisable to look at alternative accounts (as below).

Reading List: D. G. Luenberger, *Optimization by Vector Space Methods* (Wiley, 1969), appropriate to the first part of the course; D. L. Russell, *Mathematics of Finite Dimensional Control Systems*, an excellent text for linear control theory; W. Hildenbrand, *Core and Equilibrium of a Large Economy* (Princeton, 1974) is the source text for the applications in mathematical Economics.

Supplementary Reading Lists are distributed.

Examination Arrangements: There is a formal examination in the Summer Term which consists of two sections A and B. Section A usually contains eight questions, Section B only three. M.Sc. students taking only the first semester of the course are given two hours in which to answer any number of questions from section A; full marks may be obtained on about three-and-a-half questions. M.Sc. students taking the full course are given three hours and must answer at least one question from each section; full marks in this case may be obtained on about five questions. For B.Sc. students, the marking is more lenient and questions may be answered from Sections A and B at will. The time given is three hours and full marks are obtainable on about four questions.

Revision guides will be distributed at the end of Lent Term and will contain information about: the structure of the paper, details of non-examinable material, suggestions on areas on which to concentrate revision. Revision classes will be arranged on request in the Summer Term.

SM7061**Measure Theory, Probability and Integration**

Teacher Responsible: Dr. E. Boardman, Room S486 and Dr. S. Alpern, Room S485 (Secretary, Mimi Bell, S468)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp./Act. Sci.), B.Sc. (Econ.) and suitably qualified graduate students.

Scope: This is a third level theoretical course in Mathematics. The aim is to teach Measure Theory and Integration and to introduce the basic notions of Probability using the tools of Measure Theory.

Syllabus: Measure Theory and integration. Probability spaces, random variables, distribution functions and characteristic functions. Sums of random variables. Independence. Conditional probabilities and conditional expectations. Modes of convergence of sequences of random variables. Laws of large numbers and central limit theorem.

Pre-Requisites: Normally students would be expected to have previously attended SM7030.

Further Analysis: The course presupposes at least one course in formal real analysis, together with some elementary set theory and a knowledge of the topological properties of \mathbb{R}^n . Students who have not taken Further Analysis should consult the teacher

responsible about the suitability of their mathematical background.

Teaching Arrangements: The lecture course SM131 **Measure Theory and Probability** consisting of some 45 lectures, sessional, associated with which are the weekly problem classes SM131a. Written answers to set problems will be expected on a regular basis. Written work is of particular importance in this course.

Written Work: See above paragraph.

Reading List: G. R. Grimmett & D. R. Stirzaker, *Probability and Random Processes*; P. Billingsley, *Probability and Measure*; L. Brieman, *Probability*; H. L. Royden, *Real Analysis*; J. F. C. Kingman & S. J. Taylor, *Introduction to Measure and Probability*; P. R. Halmos, *Measure Theory*; W. Feller, *An Introduction to Probability Theory and its Applications*, Vols. 1 & 2; H. Tucker, *A Graduate Course in Probability*.

Examination Arrangements: There is a three-hour written formal examination in the Summer Term.

SM7063**Graphs and Combinatorics**

Teacher Responsible: Andrew Harris, Room S106A (Secretary Hazel Rice, S108)

Course Intended Primarily for B.Sc. (Maths./Stats./Comp. Act. Sci.), B.Sc. (Econ.), suitably qualified diploma and General Course students.

Scope: This is a course in finite mathematics concentrating on the theory of networks (i.e. graphs) and certain topics in the theory of algorithms (i.e. combinatorial optimization).

Syllabus: Fundamentals of graph theory; -paths, circuits, cycles, trees. Planarity, directed graphs, maximum-minimum problems in networks, connectivity, colouring, Ramsey theory, extremal problems, shortest path algorithms, bipartite and non-bipartite matching, introduction to matroids, the greedy algorithm.

Pre-Requisites: Some experience of mathematical reasoning and a knowledge of some techniques from **Elementary Mathematical Methods** (SM102).

Teaching Arrangements: The course will consist of two lectures (SM132) and (SM356) and one problem class (SM132a) throughout the Michaelmas Term. In the Lent Term the course is as **Combinatorial Optimisation** (SM386): starting in the third week there are 2 lectures and 2 problem classes. In the Summer Term one class for 4 weeks.

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: This subject is currently under development and so a definitive text is not available. As preliminary reading for the first part of the course, Chapters 1-5 of B. Bollobas's book *Graph Theory; An Introductory Course* (Springer, 1979) will prove useful reference material, though R. Wilson's book *Introduction to Graph Theory* (Oliver and Boyd, 1977) will be easier reading material to get an idea of the subject. Other possible reading material is *Graphs and Networks: An Introduction* by W. L. Price, *Graph Theory* by F. Harary, *The Theory of Graphs and its Applications* by C. Berge, *Graph Theory: An*

Algorithmic Approach by N. Christophides, *Graph Theory and its Applications* by Bondy and Murty, and the *Open University Handbooks*, TM361, numbers 1 to 4. For the second part of the course, the two main reference books will be *Combinatorial Optimization* by E. Lawler, and *Combinatorial Optimization* by C. H. Papadimitriou and K. Steiglitz (Prentice Hall, 1982). **Examination Arrangements:** Students are assessed on the basis of a three-hour formal examination in the Summer Term.

SM7200**Basic Statistics**

Teachers Responsible: Dr. C. Smith, Room S212 and Professor A. Harvey, Room S203 (Secretary, S206) **Course Intended Primarily for** 1st year B.Sc. (Economics) and Course Unit Students.

Diploma in Accounting and Finance
Diploma in Business Studies
Diploma in Economics
Diploma in Management Sciences

Scope: The course is an introduction to statistical methods and their use in the social sciences.

Syllabus: Descriptive statistics, elements of probability, special distributions, inference, analysis of variance, correlation and regression, goodness of fit, decision theory and survey sampling.

Pre-Requisites: A Pass in O-level Mathematics is normally required. The course is *not* suitable for those who have taken A-level Mathematics. Such students should take SM7201, **Elementary Statistical Theory**.

Teaching Arrangements: There is one lecture (SM200) a week in the Michaelmas Term and two lectures a week in the Lent Term. There is one class (SM200a) 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*.

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 formulae sheet is provided, as are statistical tables. Electronic pocket calculators can be used.

SM7201**Elementary Statistical Theory**

Teacher Responsible: Mr. D. Balmer, Room S208 (Secretary, S107)

Course Intended Primarily for B.Sc. (Econ.) Part I B.Sc. (c.u.) (Management Sciences) (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

II Mathematical Economics and Econometrics 6(a)

V International Trade and Development 7(p)

VII Accounting and Finance 7(c)

XII Computing 5 & 6(b)

XVII Philosophy 7(k)

XXIV Population Studies 5-8(i)(1)

XXVI Mathematics and Economics 3(c)

and as an approved outside option/course unit for non-specialists.

Also available under

Diploma in Economics 2, 3 & 4 (b)(iii)

Management Sciences Group III (d)

Operational Research 3 & 4(a)(i)

Scope: The course intends to introduce students to a basic range of statistical ideas and techniques.

Syllabus: Descriptive Statistics including some exploratory data analysis. Probability and distribution theory. Sampling ideas. Estimation and hypothesis testing. Regression, correlation, analysis of variance, time series and forecasting.

Pre-Requisites: No previous knowledge of statistics will be assumed. **N.B.** students who have taken a full or part A level in Statistics or have previously studied Statistics to an equivalent level should indicate this by recording an 'A' on their option cards. The course will however assume a mathematical knowledge (and confidence) equivalent to a reasonable attainment in a mathematical subject to A-level.

Teaching Arrangements:

Lectures: SM204 **Elementary Statistical Theory** 40 Michaelmas and Lent Terms.

Classes: SM204(a) 20 Sessional.

Reading List: There are many books with a similar content and level of coverage as the course. Students are advised to purchase one of:

T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics*, 4th edn., Wiley; R. E. Walpole, *Introduction to Statistics*, 3rd edn., Collier-Macmillan; P. G. Hoel, S. C. Port & C. J. Stone, *Introduction to Probability Theory and Introduction to Statistical Theory*, Houghton-Mifflin Co.

Supplementary Reading List: P. Sprent, *Statistics in Action* (Pelican); D. Cooke, A. H. Craven & G. M. Clarke, *Basic Statistical Computing* (Arnold); P. F. Velleman & D. C. Hoaglin, *ABC of EDA* (Duxbury Press); H. L. Alder & E. B. Roessler, *Introduction to Probability and Statistics* (Freeman); V. E. Cangelose, P. H. Taylor & P. F. Rise, *Basic Statistics - a Real World Approach* (West P.C.); H. S. Gillow, *Stat City* (Irwin).

Examination Arrangements: There is a single three-hour formal examination in the Summer Term covering the full content of the course.

SM7215**Methods of Statistical Analysis**

Teacher Responsible: Colm O'Muircheartaigh, Room S214 (Secretary, Ann Morris, S205)

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 II

(d) Diploma in Sociology

(e) M.Sc. in Sociology (optional)

Scope: An introduction to statistical methods and statistical reasoning, with particular reference to applications in the social sciences. No prior knowledge of statistics is assumed.

Syllabus: 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. Elementary ideas of probability theory. Simple probability distributions. 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.

The exact sampling distribution of the standard test statistics. Two-sample tests for means for related and unrelated measurements. Distribution free tests, contingency tables, rank correlation methods. Analysis of variance (ANOVA). The t-test and the F-test. Testing correlation and regression coefficients. Multiple regression.

Pre-Requisites: None.

Teaching Arrangements:

Lectures (SM202): 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 (SM202a). 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 Sociology and Social Psychology 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.

The following notes may help the student to choose among some of the more useful books. H. M. Blalock, *Social Statistics* (1st or 2nd edn.). Probably the best single text. It is widely used in university courses at this level but the mathematical level is rather higher than in this course and it covers a much wider range. Social Psychologists are recommended to buy it - others should look at it first to see if it meets their needs. H. J. Loether & D. G. MacTavish, *Descriptive Statistics for Sociologists: An Introduction; Inferential Statistics for Sociologists: An Introduction*. Two very good books although very long (more than 300 pages in each) and going beyond the scope of this course.

Certainly worth consulting from time to time.

K. A. Yeomans, *Introductory Statistics, Statistics for the Social Scientist*, Vol. I; *Applied Statistics, Statistics for the Social Scientist*, Vol. II. A good alternative to Blalock. Vol. I contains a revision of elementary arithmetic and mathematics. Vol. II takes the subject beyond the scope of this course.

F. R. Jolliffe, *Commonsense Statistics for Economists and Others*. A good elementary introduction with no particular bias in spite of the title. Goes a little further in some directions than this course. It would be a reasonable choice for someone who finds Blalock too difficult. Available in paper back.

D. Rowntree, *Statistics Without Tears*. Described as a primer for non-mathematicians it covers much of the material in the early part of the course. It would serve as a good preparation for those whose mathematics is very limited but would need to be supplemented by one of the other books giving a more complete coverage. A. H. Pollard, *Introductory Statistics, A Service Course by A. H. Pollard*. Similar coverage to Jolliffe and equally good.

T. W. Anderson & S. L. Sclove, *Introductory Statistical Analysis*. Another introductory text somewhat above the level of Jolliffe and with wider coverage. The examples tend to have an American flavour but those who find this appealing and have A or good O-level mathematics might find it a good choice.

W. E. Willmson, *Understanding Statistical Reasoning*. This is an excellent book. It is written primarily for psychologists and its object is to enable them to evaluate critically the statistical arguments which appear in their research literature. It goes well beyond the scope of this course and concentrates on those topics which are prominent in the psychological literature. Social psychologists, especially, would find it useful both for this course and later.

T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics*. Particularly useful for the later part of the course. The mathematical level is a little too high but the treatment is clear and concise. The book covers many topics beyond the level of this course.

Examination Arrangements: All examinations for this course will be open-book examinations. For Social Psychology and Sociology students 30% of the marks for the course will be based on assessment of the homework submitted during the session.

SM7216**Decision Analysis**

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

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) XI Statistics

B.Sc. (Economics) XII Computing

Diploma in Operational Research

Diploma in Statistics

For course unit degrees, the Course Registration Number is 790/7216.

Scope: 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 given jointly by the Decision Analysis Unit and the Department of Statistical and Mathematical Sciences, and is intended to be genuinely inter-disciplinary.

Syllabus: 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 **Elementary Mathematical Methods**.

Teaching Arrangements: There are four lecture courses, each accompanied by a fortnightly class, as follows:

Lectures: SM238, 10 Michaelmas Term

SM239, 10 Michaelmas Term

SM240 10 Lent Term

SM241, 10 Lent Term

Classes: SM238a, 5 Michaelmas Term

SM239a, 5 Michaelmas Term

SM240a, 5 Lent Term

SM241a, 5 Lent Term

SM238 **Fundamentals of Decision Theory (Dr. J. V. Howard)**. This covers the normative theory of subjective probability and expected utility.

SM239 **Behavioural Decision Theory**. (Staff of the Decision Analysis Unit.) An exposition of descriptive models of human decision making, with an emphasis on the relationship between descriptive and normative theories.

SM240 **Bayesian Statistical Methods (Dr. M. Knott)**. General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some basic statistical problems.

SM241 **Decision Analysis in Practice**. (Staff of the Decision Analysis Unit.) 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: Recommended books will be given at the beginning of each lecture course.

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. 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.

SM7220

Probability, Distribution Theory and Inference

Teacher Responsible: Professor J. Hajnal, Room S116 (Secretary, S205)

Course Intended Primarily for B.Sc. (Econ.) Special subjects: Econometrics and Mathematical Economics,

Statistics; B.Sc. Course Unit Main Fields Maths., Stats., Act. Sci.

Scope: 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.

Syllabus: Revision of basic probability theory and of the basic 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.

Pre-Requisites: The course is designed to follow on from **Elementary Statistical Theory**. It is normally attended by second year students who have taken **Elementary 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: SM206 **Probability and Distribution Theory**, 20 Michaelmas, 10 Lent, 3 Summer Term.

SM207 **Estimation and Tests**, 10 Lent, 2 Summer Term.

Classes: SM206(a) 9 Michaelmas, 5 Lent, 2 Summer Term.

SM207(a) 4 Lent, 1 Summer Term.

Reading List: The main reference for the course is: A. M. Mood, F. A. Graybill & D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.).

Other useful books are:

R. V. Hogg & A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); P. L. Meyer, *Introductory Probability and Statistical Applications*; B. W. Lindgren, *Statistical Theory* (3rd edn.); M. Woodroffe, *Probability with Applications*; H. J. Larson, *Introduction to Probability Theory and Statistical Inference* (3rd edn.)

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 SM206, three on SM207).

SM7230

Statistical Techniques for Management Sciences

Teacher Responsible: Dr. J. V. Howard Room S209 (Secretary, Hazel Rice, S108)

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) XII Computing

Diploma in Management Sciences

For course unit degrees, the Course Registration Number is 790/7230.

Scope: This is a second course in Statistics, emphasizing the application of statistical techniques which have proved useful in the Management Sciences. **Syllabus:** Analysis of Variance, Regression, Time Series and Forecasting, Survey Methods, Quality Control. More detail is given in the lecture course descriptions under "Teaching Arrangements" below.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**. In particular, students should have covered elementary distribution theory, confidence intervals and hypothesis testing, 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 four lecture courses, each accompanied by a class, as follows:

Lectures: SM210 **Analysis of Variance and Quality Control** 10 Michaelmas Term.

SM211 **Time Series and Forecasting** 10 Lent Term

SM212 **Applied Regression Analysis** 10 Lent Term

SM213 **Survey Methods** 10 Michaelmas Term

Classes: SM210a 5 Michaelmas Term

SM211a 5 Lent Term

SM212a 5 Lent Term

SM213a 5 Lent Term

SM210 **Analysis of Variance and Quality Control (Dr. Howard)**.

Three lectures on Quality Control introduce methods of acceptance/rejection and continuous process control. Seven lectures on Analysis of Variance cover one and two-way classifications and the estimation of contrasts.

SM211 **Time Series and Forecasting (Professor Harvey)**.

Trend, seasonality, stationarity, exponentially weighted moving average forecasts, ARMA models, and Box-Jenkins forecasting.

SM212 **Applied Regression Analysis (Dr. Smith)**.

Multiple linear regression, transformation of data, stepwise and best subsets regression.

SM213 **Survey Methods (Dr. Phillips)**.

(This also forms part of the **Statistical Techniques and Packages** - Course Registration Number 790/7240.)

Principles of sampling, stratification, clustering and the multistage sample, applications in market research and accounting. Major government surveys. Questionnaire design. Non-sampling errors.

SM210-SM213 have classes approximately once a fortnight to discuss sets of problems given out in the lectures. The class teachers are usually either the lecturer or a research officer. SM213 has five class seminars taken by the lecturer after the lecture course has finished. Full lecture notes and problem solutions are provided for SM210 and SM212.

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); G. Kalton and C. Moser, *Survey Methods in Social Investigation*. Students may also wish to consult C. Chatfield, *The Analysis of Time Series - Theory and Practice*; W. Gilchrist, *Statistical Forecasting*; J. Neter & W. Wasserman, *Applied Linear Statistical Models*; T. A. Ryan, B. L. Joiner & B. F. Ryan, *MINITAB Student Handbook*; G. B. Weatherill, *Sampling Inspection and Quality Control*; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics* (2nd edn.).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, covering the full syllabus for all four lecture courses. The paper usually contains 9 questions, of which 5 must be attempted. It is important to attempt five questions: no credit is given for a sixth answer, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer in full all parts of a question to obtain a reasonable mark on it. Copies of previous years' papers are available. 90% of the total assessment of the course is based on the examination paper - the remainder is awarded on a project. The project is usually set during the Lent Term and students attempt it in teams of about four members each. The project is handed in early in the Summer Term, and is marked on presentation as well as content.

SM7231

Marketing and Market Research

Teacher Responsible Mrs. K. Spitz, Room S213 (Secretary, S205)

Course Intended Primarily for

Course Unit 790/7231

B.Sc. (Management Sciences) 3rd year

B.Sc. (Econ.) approved outside option

Diploma in Management Sciences

Scope: 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.

Syllabus: 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. Product tests, advertising and public opinion research. Models for perception, attitudes and preferences: methods of attitude scaling. Thurston, Likert, Guttman and semantic differential scales. Some statistical models used in the analysis of multivariate marketing data. Theories of customer behaviour: models for brand choice, brand loyalty, purchase incidence, purchase timing and market penetration. Learning models for new product adoption. Optimal advertising rates.

Pre-Requisites: An understanding of the elements of probability and statistical inference is required. Although much of the course is completely non-mathematical, those students who have done only one

very basic course in statistics will find part of the course difficult. Some use may be made of computer packages but it is NOT necessary to have any previous experience of computers.

Teaching Arrangements: Approximately two thirds of the total of 70 hours are lectures. Three members of staff participate in the course.

SM222(i) **Mr. D. Balmer** (S208) **Stochastic Models of Consumer Behaviour.** 10 Michaelmas Term, 10 Lent Term.

SM222(ii) **Mrs. K. E. Spitz** (S213) **Research Methods** 20 Michaelmas Term, 10 Lent Term, 4 Summer Term

SM222(iii) **Dr. C. Phillips** (S207) **Measurement and Data Analysis** 5 Michaelmas Term, 10 Lent Term

Class time will be allocated at the most appropriate points in each of the lecture courses and will take the form either of problem discussion and solution or of the presentation by students of prepared papers.

SM222(i) covers various theories of consumer behaviour and the stochastic models associated with these.

SM222(ii) is the core methods course and is predominantly concerned with the application of survey methods in market and opinion research.

SM222(iii) covers attitude scaling and introduces some methods of multivariate analysis.

Written Work: Students will be expected to attempt about six statistical problem sets for SM222 (i) and (ii). They will also be asked to prepare and deliver class papers on assigned topics for SM222 (iii).

Reading List: No one book covers the entire syllabus. Students are however advised to purchase:

G. C. Lilien & P. Kotler, *Marketing Decision Making*; 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*; J. R. G. Jenkins, *Marketing and Consumer Behaviour*; C. A. O'Muircheartaigh & C. D. Payne (Eds.), *The Analysis of Survey Data*.

Examination Arrangements: There is a three hour formal examination in the Summer Term based upon the full syllabus. The paper contains eleven questions of which four are to be answered. Each question carries an equal number of marks. The majority of the questions require essay type answers.

Copies of the examination paper from 1981 are available.

SM7240

Statistical Techniques and Packages

Teacher Responsible: Mrs. K. Spitz, Room S213 (Secretary, S205)

Course Intended Primarily for B.Sc. (Statistics) (Third year); B.Sc. (Econ.) XI Statistics (Third year). Course unit 790/7240

Scope: The aim of the course is to introduce students to a further range of important statistical techniques and procedures together with some relevant programming packages.

Syllabus:

SM214 **Surveys, Experiments and other Investigations.** Surveys: design decisions, methods of random sampling, data collection methods and the control of response and non-response errors. The design of experiments and other explanatory studies.

SM215 **Sample Survey Theory.** The mathematical theory of simple random sampling, stratification and multi-stage sampling.

SM216 **Multivariate Methods.** A survey of principal component analysis, cluster analysis, factor and latent structure analysis and multidimensional scaling. Illustrative examples of the application of each technique including interpretation of computer output.

SM217 **Further Statistical Theory and Methods.** Minimum variance estimation. The Rao-Blackwell theorem, completeness and the exponential family of distributions. Distribution-free methods, outliers and robustness, exploratory data analysis.

Pre-Requisites: Probability, Distribution Theory and Inference to an intermediate level.

Teaching Arrangements:

SM214 Given by Mrs. K. Spitz. 20 Lent Term, 2 Summer Term. Usually consists of 15 lectures and 7 classes. Students present prepared class papers.

SM215 Given by Mrs. K. Spitz. 10 Michaelmas Term, 5 Lent Term. Includes 4 or 5 classes in which solutions to problem sets given out in the lectures are discussed.

SM216 Given by Dr. C. Phillips, Room S207. 10 Michaelmas Term, 5 Lent Term. Usually includes 5 classes for which each student prepares one class paper.

SM217 Given by Dr. C. S. Smith, Room S212. 10 Michaelmas Term, 5 Lent Term. Includes 5 classes.

Reading List: SM214 Students are advised to purchase: C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*.

Other books which may be consulted include:

C. Selltiz et al, *Research Methods in Social Relations*; H. M. Blalock, *An Introduction to Social Research*. SM215 Students should purchase or consult:

W. G. Cochran, *Sampling Techniques*.

Other recommended reading:

L. Kish, *Survey Sampling*; M. H. Hansen, W. N. Nurwitz & W. G. Madow, *Sample Survey Methods and Theory*; F. Yates, *Sampling Methods for Censuses and Surveys*.

SM216: No single book adequately covers the course. The most suitable are:

C. A. O'Muircheartaigh & C. Payne, *The Analysis of Survey Data*, Volume I; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*.

Other Books which can be usefully consulted are: C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; M. G. Kendall, *Multivariate Analysis*; D. J. Bartholomew, *Mathematical Methods in Social Science*.

SM217 Reading will be announced at the beginning of the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based upon SM214 to SM217. Five questions must be answered from a total of nine. Copies of past examination papers are available.

SM7241

SM7250

Statistical Theory Statistical Methods for Actuarial Sciences

Teacher Responsible: Dr. M. Knott, Room S216 (Secretary, S205)

Course Intended Primarily for B.Sc. (Econ.) XI Statistics 3rd year

B.Sc. (Maths./Stats./Comp./Actuarial Science) 3rd Year

Scope: The course introduces the student to four central fields in the theory of statistics: stochastic processes, linear models, time series, regression and analysis of variance.

Syllabus:

SM218 Regression, General Linear Models, Analysis of variance, Time Series Analysis and Forecasting. Implementation of the theory on selected computer packages.

SM219 Elementary stochastic processes including Markov Chains, Poisson processes, Birth and Death processes.

SM220 Applications of stochastic processes in selected social science fields.

SM221 Actuarial Applications of Stochastic Processes.

Pre-Requisites: Elementary Statistical Theory and Probability Distribution Theory and Inference.

Teaching Arrangements: Course SM218 has 3 sections of 15 hours on Time Series, Analysis of Variance and Regression. About one third of the hours will be classes SM219, 12 Michaelmas and Lent Terms. SM220, 3 Lent Term (for SM7241).

SM221 consists of 5 hours (for SM7250).

Course SM218 has 3 sections of 15 hours on Time Series, Analysis of Variance, and Regression. About one third of the hours will be classes.

Reading List: SM219 and SM220:

SM218: N. R. Draper & H. Smith, *Applied Regression Analysis*, 2nd edn.; K. A. Brownlee, *Statistical Theory and Methodology in Science and Engineering*; R. L. Plackett, *Analysis of Categorical Data*; A. C. Harvey, *Time Series Models*.

SM219: The text for the course is H. M. Taylor & S. Karlin, *An Introduction to Stochastic Modelling*.

SM220: D. J. Bartholomew, *Stochastic Models of Social Processes* (3rd edn.)

SM221: I. B. Hossack, J. H. Pollard and B. Zehnwirth, *Introductory Statistics with Applications in General Insurance*; R. E. Beard, T. Pentikainen and E. Pesonen, *Risk Theory - The Stochastic Basis of Insurance* (3rd edn.).

Examination Arrangements: There is a three-hour paper in the Summer Term of 9 questions, 6 from SM218, 2 from SM219 and 1 which may be answered either from SM220 or SM221. The rubric asks for answers for five questions. If more than five are attempted the marks for the best five only will be counted. 92% of the final assessment is based on the examination and 8% on exercises set in connection with the Regression and Analysis of Variance courses.

SM7260

Actuarial Investigations: Financial and Statistical

Teacher Responsible: Leigh Roberts, Room S266 (Secretary, Mary Cahill, S206)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd year.

Scope: The financial part of the course refers to the application of the principles of compound interest to financial transactions, including investment, and is closely modelled on the Institute of Actuaries' subject A2. The statistical part refers to data interpretation and derivation of models from data involving human contingencies and is closely modelled on the Institute of Actuaries' subject A6.

Syllabus: Financial: Compound interest; equations of value; discounted cash flow terminology and methods of investment appraisal; the annuity certain; capital redemption policies; determination of the rate of interest in a given transaction; valuation of securities; cumulative sinking funds.

Statistical: Incremental rates and other indices; analysis of data and derivation of exposed to risk formulae; calculation of mortality, sickness and other decremental rates, including multiple decrement rates; graduation methods and their application, tests of graduation, features of principal tables in common use; national vital statistics and population projection; applications outside insurance.

Pre-Requisites: Mathematics to a level corresponding to Elementary Mathematical Methods. Statistics to a level corresponding to Elementary Statistical Theory. There are no other pre-requisites.

Teaching Arrangements: SM235 is taught in 44 lectures with 20 supporting classes. Students generally solve an example sheet for each class. These are commented upon in writing by the class teacher, and discussed in the following class.

Reading List:

Financial: D. W. A. Donald, *Compound Interest and Annuities Certain*.

Statistical: B. Benjamin & J. H. Pollard, *The Analysis of Mortality and Other Actuarial Statistics*; Registrar General's Decennial Supplement, *Life Tables* 1971.

Examination Arrangements: There are two three-hour examination papers in the Summer Term. Paper I is on the financial part of the course, and Paper II on the statistical part. On each paper there is a choice of two questions from three in Section A and three questions from five in Section B. Section A questions tend to be more basic than those in Section B, and questions in Section A carry fewer marks. The final mark is the average of the marks awarded on each paper.

SM7261

Actuarial Life Contingencies

Teacher Responsible: Philip Bayliss, Room A149 (Secretary, Mary Cahill, S206)

Course Intended Primarily for B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd year.

Scope: The course covers the elements of valuing insurance companies and determining premium rates, and calculating pension fund liabilities. The basic tool

is decrement tables, and the methods developed are of significance in many areas besides insurance. The course is closely modelled on the Institute of Actuaries' subject A3.

Syllabus: Construction of mortality, sickness, multiple decrement and other similar tables from graduated data; determination and use of functions based thereon. Values of and premiums for annuities and assurances on one or more lives. Reserves for financial contracts. Values of contributions for sickness benefits, pension benefits, disability and widows' and orphans' benefits.

Pre-Requisites: Mathematics to a level corresponding to **Elementary Mathematical Methods**. Statistics to a level corresponding to **Elementary Statistical Theory**. There are no other pre-requisites.

Teaching Arrangements: The course is taught in forty-four lectures, SM236 and twenty supporting classes. Students generally solve an example sheet for each class. These are commented upon in writing by the class teacher, and discussed in the following class.

Reading List: A. Neill, *Life Contingencies*, Heinemann, 1977.

Examination Arrangements: There are two three-hour examination papers in the Summer Term. On each paper there is a choice of two questions from three in Section A and three questions from five in Section B. Section A questions tend to be more basic than those in Section B, and questions in Section A carry fewer marks. The final mark is the average of the marks awarded on each paper.

SM7300

Elements of Computer Science

Teacher Responsible: Georgios Doukidis, Room S106B (Secretary, S107)

Course Intended Primarily for

B.Sc. (Econ.) Part I

B.Sc. (Maths./Stats./Computing/Actuarial Science)

B.Sc. (Management Sciences)

Diploma in Accounting and Finance

Diploma in Management Sciences

Diploma in the Management of Information Systems

Diploma in Operational Research

Diploma in Statistics

Scope: This course covers computer hardware and computer software including programming, together with some consideration of the overall design and management of computer systems. It is intended for students who will go on to study further computing courses.

Syllabus:

Computer hardware

Central processing unit, memory, storage devices, input/output devices. The operation of a computer. The scope and capabilities of computer communication systems.

Computer software

Loaders, assemblers, compilers, interpreters, utilities and operating systems. Programming languages and

the methodology of problem formulation, program design and coding. The PASCAL programming language is taught.

Data structures and computer file organisation

Data representation, data storage devices, logical data structures. File organisation and file processing.

Pre-Requisites: There are no pre-requisites for this course. No knowledge of computers is assumed.

Teaching Arrangements: There are three lecture courses, one of which is accompanied by classes. The class to accompany SM302 will cover material for SM305 and SM311. In addition, a number of open help sessions are organised in the Michaelmas Term for SM305.

Lectures:

SM302 **Introduction to Computing** 20 Michaelmas and Lent Terms and class

SM305 **PASCAL Programming** 15 Michaelmas and Lent Terms.

SM311 **Computer File Organisation** 5 Lent Term.

SM302 **Introduction to Computing**. This covers computer hardware, software (excluding PASCAL programming). The classes that accompany the course are used to clarify lecture material, and to go through exercises.

SM305 **PASCAL Programming** 15 Michaelmas covers problem formulation and solution using the PASCAL programming language.

SM311 **Computer File Organisation**. This course covers data representation, data structures, data storage, file organisation and file processing.

Recommended Reading: Goldschlager & Lister, *Computer Science: A Modern Introduction*, Prentice Hall, 1982; P. Bishop, *Computing Science*, Nelson, 1982; L. V. Atkinson, *A Student Guide to Programming in PASCAL*, Wiley, 1982; D. Cooper & M. Clancey, *Oh! PASCAL*, Norton, 1982; Romualdas Skvarcius, *Problem Solving Using PASCAL Algorithm Development and Programming Concepts*, PWS Publishers, 1984.

The following books deal with particular topics on the course.

Specific references are made to these and other books as topics are introduced.

E. S. Page & L. B. Wilson, *Information, Representation and Manipulation in a Computer*, 2nd edn., Cambridge, 1978; H. Lawson, *Understanding Computer Systems*, Chartwell-Bratt; H. D. Clifton, *Business Data Systems*, Prentice Hall, 1978, (High level view of aspects of commercial data processing systems. Many students find this book useful to provide a context to the course. See particularly the first 6 chapters).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for all lecture courses. The paper contains 12 questions of which five are to be answered.

There are opportunities for students to learn other programming languages during the year – though no credit is given for these courses. Attention is also drawn to the series of Wednesday afternoon lectures given by members of the LSE Computer Service on particular computing topics of interest to social scientists. Students should consult the notice boards outside Computer Reception S101.

SM7301

General Computing

Teacher Responsible: Professor I. Angell, Room S102 (Secretary, Sue Coles, S107)

Other Teachers: To be arranged.

Course Intended Primarily for B.Sc. (Econ.) Part I, B.Sc. (Econ.) Part II outside options.

Scope: This course is intended for students who wish to take a single Computing course within their degree. This approach emphasises applications, and social and economic issues in information technology.

Syllabus: Computer hardware and software, computer programming, computer applications. Methods for developing computer based applications. The economics of information technology. Social Issues.

Pre-Requisites: There are no pre-requisites.

Teaching Arrangements: There are two lecture courses. The class to accompany SM300 will cover material from both courses.

Lectures: SM300 **General Computing I** 20 Michaelmas and Lent Terms.

SM301 **General Computing II** 20 Michaelmas and Lent Terms.

Classes: SM300a 20 classes Michaelmas and Lent Terms to cover material for both courses.

SM300 **General Computing I**, BASIC Programming and program design.

Applications of Computers in Business and Social Science.

SM301 **General Computing II**, Introduction to Information Technology. Social and economic issues of information technology.

Reading List: J. Eaton & J. Smithers, *This is IT*, Philip Allan, 1982; G. Shelly & T. Cashman, *Computer Fundamentals for an Information Age*, Wadsworth/Anaheim, 1984; Hunt & Shelley, *Computers and Common Sense*, Prentice Hall; H. D. Clifton, *Business Data Systems*, 2nd edn., Prentice Hall 1983; P. Bishop, *Computing Science*, Nelson, 1982; R. Atherton, *Structured Programming with Control*, Ellis-Horwood, 1982.

Further reading will be given during the course.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus for all lecture courses.

SM7320

Computing Methods

Teacher Responsible: Professor I. Angell, Room S102 (Secretary, Susan Coles, S107)

Others involved in this course are: Georgios Doukidis (S106b) and Steve Smithson (S111)

Course Intended Primarily for B.Sc. (Econ.) XII Computing I

B.Sc. (Maths./Stats./Computing/Act. Sci.) 2nd or 3rd year.

B.Sc. (Management Sciences) 2nd or 3rd year.

Diploma in Management Sciences

Diploma in the Management of Information Systems

Diploma in Operational Research

Scope: The aim of this course is to extend students knowledge of Computer Systems, computer communications, programming languages and

program design, including data structures, and the issues involved in the design and use of data systems.

Syllabus:

Micro Computers: The component parts of a micro computer. The micro processor, its machine code and assembly languages, addressing, interrupts, the hardware stack. The development of micro computer technology and its impact.

Communications and Distributed Systems: Wide area networks and local area networks. Ethernet and Cambridge Ring networks. The layered approach to design and implementation of protocols. Distributed Systems.

Programming Language and Data Structures: Pascal is used to provide a vehicle for discussion of program design and Data Structures. Students also study other languages.

Data Base Design: Students are introduced to the hierarchical, network and relational models of data bases. Entity modelling and normalisation. Schemas and Query Languages.

Pre-Requisites: Students are assumed to have a knowledge of computers equivalent to the course **Elements of Computer Science**. They should know the Pascal programming language. The course calls for a considerable amount of practical work using the Computer equipment in the School.

Teaching Arrangements: There are two lecture courses as follows:

SM306 **Computing Methods I** 20 lectures Michaelmas and Lent Terms and class (SM307a).

SM307 **Computing Methods II** 20 lectures Michaelmas and Lent Terms.

Students are also expected to put in approximately 2 hours per week of work using the School computers. **Lectures:** SM306 **Computing Methods I**. This covers programming languages and data structures during the Michaelmas Term, and data base topics during the Lent Term. Exercises will be set.

SM307 **Computing Methods II**. This covers the topics of Micro Computers and Computer technology, as well as Computer Communications.

Reading List: No book covers the entire syllabus. Students are advised to make good use of the library, and to share books. Further reading will be given during the course.

J. F. Wakerly, *Micro Computer Architecture and Programming*, Wiley, 1981 (This is an excellent book on Micro computer hardware and software, using Pascal extensively to explain concepts; C. Date, *Introduction to Data Base Systems*, 3rd edn., Addison-Wesley; M. S. Stone *et al.*, *Introduction to Computer Architecture*, 3rd edn., SRA, 1980; D. Halsal & Lister, *Micro Processor Fundamentals*, Pitman, 1980 (A simple introduction to the Intel 8085 micro processor); S. Atre, *Data Base, Structures Techniques for Design, Performance and Measurement*, Wiley, 1980; L. Atkinson, *Pascal Programming*, Wiley, 1980; R. G. Dromey, *How to Solve it by Computer*, Prentice-Hall, 1982; O. J. Dahl, E. W. Dijkstra & C. A. Hoare, *Structured Programming*, Academic Press, 1972 (Classic reference on structured programming); K. Jensen & N. Wirth, *Pascal User Manual and Report*, Springer-Verlag, 1974 (Original definition of Pascal

language – not a text book); G. H. MacEwan, *Introduction to Computer Systems using PDP11 and Pascal*, McGraw Hill, 1980; E. S. Page & L. B. Wilson, *Information, Representation and Manipulation in a Computer*, 2nd edn., CUP, 1978; P. Grogono, *Programming in Pascal*, revised edn., Addison Wesley, 1980; D. Cooper & M. Clancey, *Oh! Pascal*, Norton 1982; B. K. P. Horn & P. H. Winston, *LISP*, Addison-Wesley, 1981; K. J. Thurber & H. A. Freeman, *Tutorial: Local Computer Networks*, 2nd edn., IEEE, 1981; J. Beider, *An Introduction to Data Structures*, Allyn & Bacon, 1982; A. S. Tanenbaum, *Computer Networks*, Prentice-Hall, 1981; V. Cheong & R. Hirschheim, *Local Area Networks*, Wiley, 1983.

Material will be distributed covering Communication Systems. Students will be expected to read specific journal articles during the year. Students are particularly direct towards the journals *Computing Surveys*, *Computer Communication* and *Software Practice and Experience* which are in the LSE main library.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus for both lecture courses. The paper contains 10 questions, of which 4 are to be answered. Students will also be asked to produce a practical piece of work for assessment. This work will be set before Christmas and expected to be submitted before Easter. This project will count for 15% of the marks, the exam for 85%, but note that the project work will be of direct relevance to examination topics.

SM7321

Application of Computers

Teacher Responsible: Tony Cornford, Room S105A (Secretary, Sue Coles, S107)

Other teachers involved in this course are: Georgios Doukidis (S106B) and Steve Smithson (S111)

Course Intended Primarily for

B.Sc. (Econ.) XII Computing 3rd year

B.Sc. (Math./Stats./Computing/Actuarial Science) 3rd year

B.Sc. (Management Sciences) 3rd year

Scope: This paper is designed to consolidate the computing theory which students have learned, by their pursuing a practical programming project.

Syllabus: Students will identify an application, analyse it and design a computerised solution. This will be programmed. The student will write a report on the application including a detailed description of the design of the computerised solution, and the programs that implement it.

Pre-Requisites: For undergraduate students the course *Elements of Computer Science* is a pre-requisite.

Teaching Arrangements: There is a single course of 10 1 hour lectures in the Michaelmas Term (SM321).

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; D. Van Tassel, *Program Style, Design, Efficiency, Debugging and Testing*, Prentice Hall, 1978; B. W. Kernighan & P. J. Plaugher, *Software Tools in Pascal*, Addison-Wesley, 1981; 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 from the teacher responsible.

SM7322

System Analysis and Design

Teacher Responsible: Ms. C. Avgerou, Room S110 (Secretary, Louise Ashfield, S107)

Other teachers involved: Mr. R. Hirschheim, Mr. R. K. Stamper.

Course Intended Primarily for

B.Sc. (Econ.) XII Computing 2nd or 3rd year

B.Sc. (Maths., Stats., Computing, Actuarial Science) 2nd or 3rd year.

B.Sc. (Management Sciences) 2nd or 3rd year

Diploma in Management Sciences

Diploma in the Management of Information Systems

Scope: The course aims to provide students with an understanding of the process needed to develop a data processing system, and the tools and techniques used in the analysis and design of such a system.

Syllabus: Systems Analysis and Design consists of the following two lecture courses:

SM309 Data Processing Methods (Professor F. Land). Analysis of types of information system – batch and real time; centralised, decentralised and distributed; management information systems and decision support systems. Office automation. Data collection and data capture. Integrity of the information system and auditing systems. The programming problem and its solutions.

SM310 Systems Analysis Methodology I (Professor F. Land and Mr. R. K. Stamper). Systems and analysis and design tools and techniques. The role and function of the systems analyst. The system life cycle. Systems analysis and design approaches and methodologies. Cost-benefit analysis of information systems.

Pre-Requisites: Students should have attended *Elements of Computer Science* or equivalent course.

Teaching Arrangements: There are three lecture courses and classes as follows:

Lectures:

SM309 **Data Processing Methods**. 10 lectures and 10 classes Michaelmas and Lent Term

SM310 **Systems Analysis Methodology**. 20 lectures and 20 classes Michaelmas and Lent Terms.

Teaching Method: Teaching is arranged in lectures and classes. Lectures are primarily used for providing an overview and survey of a subject area, together with detailed illustrations. Students are expected to amplify the knowledge gained from lectures by reading and by class projects carried out as individual or group assignments.

Reading List:

SM309 Data Processing Methods

C. D. Clifton, *Business Data Systems*; J. Parkin, *Systems Analysis*; F. W. McFarlan, F. Warren, R. C. Nolan & D. P. Norton, *Information Systems Administration*; T. Forrester, *The Microelectronic Revolution*; P. Keen & M. Scott-Morton, *Decision Support Systems*; G. Weinberg, *The Psychology of Computer Programming*, E. P. Brooks, *The Mythical Man-Month*.

SM310 Systems Analysis Methodology I

C. Grindley & J. Humble, *The Effective Computer*; J. Race, *Case Studies*; J. Martin, *The Telematic Society*. Selected papers from *Harvard Business Review* and *EDP Analyser*; T. de Marco, *Structured Analysis and Systems Specification*; A. Parkin, *Systems Management*; H. Lucas, F. Land, T. Lincoln, & K. Supper, *The Information Systems Environment*; E. Mumford and D. Henshall, *The Participative Approach to the Design of a Computer System*; E. Mumford & M. Weir, *Computer Systems in Work Designs: The ETHICS Methods*; J. C. Emery, *Cost Benefit Analysis of Information Systems*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus of the three lecture courses. The paper, which contains approximately 12 questions, is divided into two sections. Students are expected to answer five questions, of which at least two must come from each section. All questions carry equal marks.

SM7331

Numerical and Symbolic Computing

Teacher Responsible: Tony Cornford, Room S105a (Secretary, S107)

Others involved: George Doukidis, Susan Powell.

Course Intended Primarily for

B.Sc. (Econ.) Part II

B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., B.Sc. Man. Sci.

Dip. Stats., Dip. O.R.

Scope: This course is intended to give students an appreciation of the problems faced in developing computer applications that require the use of complex numerical and symbolic data manipulation.

Syllabus: The syllabus is made up of a core set of topics taught during the Michaelmas Term, and two applied areas taught during the Lent Term.

The core: (10 lectures and 20 classes, Michaelmas Term).

Data structures and data representation in computers. The nature of algorithms, design, specification and implementation of algorithms. Verification and testing of algorithms. Factoring methods and array techniques, Merging, sorting and searching. Text processing algorithms. Dynamic data structures and recursive algorithms including trees and linked lists.

Numerical Computing: (10 lectures and 10 classes Lent Term). Number representation, fixed and floating point storage, error analysis and approximation. Numerical integration. Solution to non-linear equations. Linear equations. Representation of matrices and other sparse data structures. Pseudo random numbers, Subroutine libraries for numerical computing, the NAG library.

Symbolic Computing: (10 lectures and 10 classes Lent Term). Knowledge representation, production systems, frame based systems. Forward and backward chaining. The explanatory interface, support for 'Why' and 'How'. The knowledge acquisition process, knowledge engineering, a knowledge acquisition module. Building an expert system.

Pre-Requisites: All students taking this course will be expected to have taken *Elements of Computer Science* and thus learned Pascal, they will also be highly recommended to take simultaneously or to have taken *Operational Research Methods*.

Teaching Arrangements: SM312 The teaching consists of one hour lecture and two hours classes per week during the Michaelmas Term, covering core topics. During the Lent Term there is a one hour lecture and one class per week for *Numerical Computing*, and a one hour lecture and one class for *Symbolic Computing*. The total contact hours is thus 70 hours, made up of 40 hours classes and 30 hours lectures. In addition students undertake two projects, see examination arrangements below.

Reading List:

Core Techniques: R. G. Dromey, *How to Solve it by Computer*; Kernighan and Plauger, *Software Tools in Pascal*, D. Knuth, *The Art of Computer Programming* Vols. 1 & 3; J. D. Foley and A. van Dam, *Fundamentals of Interactive Computer Graphics*; J. Welsh, J. Elder & D. Bustard, *Sequential Program Structures*.

Numerical Computing: L. V. Atkinson and P. J. Harley, *An Introduction to Numerical Methods with Pascal*.

Symbolic Computing: R. Forsyth, *Expert Systems, principles and case studies*, Chapman and Hall, 1984; P. H. Winston, *Artificial Intelligence*, Addison-Wesley, 1984; C. Naylor *Build your own Expert System*, P. H. Winston and B. Horn, *LISP*.

Examination Arrangements: There will be an exam paper counting for 60% of the marks. In addition there will be a project associated with both Numerical Computing and Symbolic Computing. Each of these projects will count for 20% of the marks. Projects will be formulated and set in such a way that a student can make reasonable progress on it during the Lent Term. E.g. the project might ultimately involve the integration of a number of items produced for classes.

SM7340

Elements of Management Mathematics

Teacher Responsible: Mr. J. Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

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, Systems Analysis and Design.

Scope: 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.

Syllabus: Elements of probability; Definitions and rules of probability; Bayes theorem; random variables and expectation; discrete and continuous distributions; simple stochastic processes.

Elements of management mathematics: Topics treated include critical path analysis, scheduling, theory of games, linear programming, decision analysis, dynamic programming, replacement. Markov chains, queues and stock control.

Pre-Requisites: Students will need a basic fluency in mathematical manipulations such as is provided by **Basic Mathematics for Economists** or **Elementary Mathematical Methods**. An exposure to statistical thinking at the level of **Basic Statistics** or above will also be an advantage (although the relevant material will be covered in SM313(i)). For students who have already taken **Elementary Mathematical Methods** and **Elementary Statistical Theory** and found them to be not too testing, **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: SM313(i) **Elements of Probability** 10 Michaelmas Term

SM313(ii) **Elements of Management Mathematics** 20 Michaelmas and Lent Terms

Classes: SM313(a) 20 Michaelmas Term, 10 Lent Term.

SM313(b) Revision class, 5 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:

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); J. C. Turner, *Modern Applied Mathematics* (English Universities Press); A. 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). Students may wish to consult:

S. K. Gupta & J. M. Cozzolino, *Fundamentals of Operations Research for Management* (Holden-Day); M. S. Makower & E. Williamson, *Teach Yourself Operational Research* (English Universities Press).

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 3 questions) covers SM313(i), while the second section (normally 6 questions) covers SM313(ii). Students are expected to attempt 5 questions, of which no more than 2 can be from the first section. Copies of previous years' papers are available.

SM7345

Operational Research Methods

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

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) VII Accounting and Finance

B.Sc. (Economics) XI Statistics

B.Sc. (Economics) XII Computing

Diploma in Management Sciences

Diploma in Statistics

Diploma in Operational Research

For course unit degrees, the Course Registration Number is 340/7345.

Scope: The course gives an introduction to all the main theoretical techniques of Operational Research. However Simulation is not treated in any depth in the course (only one introductory lecture is given on the technique).

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.

Syllabus: Critical Path Analysis, Production Scheduling, Markov Chains, Queuing Theory, Replacement, Simulation, Stock Control, Dynamic Programming, Decision Theory, Theory of Games, Mathematical Programming.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical 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:

SM314 25 Sessional; SM314(a) 24 Sessional.

SM315 10 Michaelmas Term; SM315(a) 12 Michaelmas and Lent Term and 3 revision classes in the Summer Term.

SM314 **Operational Research Techniques** This covers the whole foregoing syllabus except Mathematical Programming. Only one introductory lecture on simulation is given in this course. 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 (SM314a). Most class teachers are part-time.

SM315 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 (SM315a). 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, 1978); H. P. Williams, *Model Building in Mathematical Programming* (Wiley, 1977, 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, *Queuing Theory in O.R.*; M. Sasieni, A. Yaspan & L. Friedman, *Operations Research: Methods and Problems*; D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; 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 11 questions, of which five must be attempted. Eight of the questions are on SM314 and three on SM315: at least one of these last three must be attempted (this is a restriction that did not apply before 1983). 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. Copies of previous years' papers are available.

SM7347

Model Building in Operational Research

Teacher Responsible: Professor A. Land, Room S109 (Secretary, Hazel Rice, S108)

Course Intended Primarily for

B.Sc. (Management Sciences) 3rd year

B.Sc. (Maths./Stats./Comp./Actuarial Science) 3rd year

Diploma in Operational Research

Scope: 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.

Syllabus: Simulation modelling, including manual simulation models, activity cycle diagrams, computer simulation models, stochastic input generation and output analysis. Mathematical programming, extending the mathematical programming content 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.

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:

SM317 40 Michaelmas and Lent Terms.

SM317(a) 40 Michaelmas and Lent Terms.

The course will be entirely concerned with Simulation in the early part of the Michaelmas Term. It will be taught in a practical fashion where possible, requiring concentrated lectures/classes/practical periods. A whole day Saturday session is not ruled out! Very full lecture notes are provided. The class teachers are the lecturers. The mathematical programming part of the course follows fairly closely H. P. Williams' book (see below) and uses his excellent set of 'almost life size' problems.

Reading List: Students may also wish to consult A. M. Law & W. D. Kelton, *Simulation Modelling and Analysis*; Naylor, Balintfy, Burdick & Chu, *Computer Simulation Techniques*, M. Pidd, *Computer Simulation in Management Science*; K. D. Tocher, *The Art of Simulation*; G. Hadley, *Linear Programming*; D. Smith *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: The paper is in two parts: a single compulsory question on simulation, and three questions to be answered out of six on mathematical programming. All questions have equal weight and it is important to answer the right number of questions from the two parts, and only the best four will be counted. 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 exam papers containing similar questions are available.

The formal examination counts for 40% of the total marks for the course. The other 60% are awarded, 40% for the report on the simulation project, and 20% for the mathematical programming project which is in two parts, a computer based project and a report on a paper from a journal.

SM7360

Applied Management Science

Teacher Responsible: Dr. Ray Paul, Room S109 (Secretary, Hazel Rice, S108)

Course Intended Primarily for B.Sc. (Management Sciences) Course Unit 340/7360.

Scope: The student will carry out and report upon a substantial practical piece of operational research.

Syllabus: None.

Pre-Requisites: The student must be in his final year of B.Sc. (Management Sciences) and must have taken, or be concurrently taking, the course **Model Building in Operational Research** SM7347.

Teaching Arrangements: The student will be assigned to **Professor M. Shutler** who will continuously monitor the progress and give tutorial guidance as required. Any student intending to offer this course unit in the third year should contact **Dr. Paul** before the end of the Summer Term or his or her second year.

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 supervisor by the end of the fourth week of the Summer Term.

SM8001

Applied Abstract Analysis See SM7060

SM8002

Game Theory I (Half unit course)

Teacher Responsible: Professor K. G. Binmore, Room S484 (Secretary, Mimi Bell, S468)

Course Intended Primarily for M.Sc. (Operational Research) and other suitably qualified graduate or General Course students.

This is the first half of the paper SM7025.

Scope: The theory of games and its applications in economics.

Syllabus: Von Neumann and Morgenstern utility theory. Formal games and their classification. Strictly competitive (zero-sum) games. Poker and bluffing. Non-cooperative games. Nash equilibrium. Cooperative games. Survey of cooperative solution concepts including the core, Von Neumann and Morgenstern solutions sets, Nash bargaining solutions and the Shapley value.

Pre-Requisites: A knowledge of mathematics beyond that covered in **Elementary Mathematical Methods** (SM102) possibly including **Introduction to Analysis and Set Theory** (SM103) and/or **Mathematical Methods** (SM113).

Teaching Arrangements: The lecture course SM120 **Games** during the Michaelmas Term (two lectures a week). Also about 15 problem classes SM120a are given in Michaelmas and Lent Terms.

Written Work: Lecture notes containing problems are supplied. Written answers will be expected by the class teacher on a regular basis and the problems will be discussed in the class.

Reading List: This subject is currently under development and completely adequate books are not available. *Game Theory* by G. Owen (second edition) should be purchased or *Game Theory* by T. Jones (although this is only sound on zero-sum games). Some further references are *Games and Decisions* by Luce and Raiffa, *The Theory of Games and Economic Behaviour* by Von Neumann and Morgenstern, *Two-*

Person Game Theory by Rappaport, *Economics and the Theory of Games* by Bacharach, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations* by Harsanyi, *The Complete Strategist* by Williams, *The Strategy of Conflict* by Schelling.

Examination Arrangements: Students are normally assessed on the basis of a two-hour formal examination in the Summer Term.

SM8003

Game Theory (Half unit course)

Teacher Responsible: Professor K. G. Binmore, Room S484 (Secretary, Mimi Bell, S468)

Course Intended Primarily for M.Sc. (Operational Research), and other suitably qualified graduate or General Course students.

This is the second half of the paper SM7025.

Scope: The theory of games and its applications in economics.

Syllabus: Perfect equilibrium. Games with incomplete information. The Nash programme and non-cooperative bargaining models. Market games and the application of game-theoretic ideas to problems in the economic theories of externalities, oligopoly and resource allocation under differential information. (Students will not be required to prepare for the whole of this syllabus. Mathematically trained students will be expected to omit the more advanced economics material and Economic students will be expected to omit the more mathematical material).

Pre-Requisites: **Game Theory I**. For the more advanced economics material, a knowledge of economics as covered in Ec113 **Principles of Economics Treated Mathematically**. For the more advanced mathematics material SM124 **Introduction to Topology** and SM126 **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.

Teaching Arrangements: The lecture course SM121 **Games** during the Lent and Summer Terms (two lectures a week).

Written Work: Lecture notes containing problems are supplied. Written answers will be expected by the class-teacher on a regular basis and the problems will be discussed in the class.

Reading List: This subject is currently under development and completely adequate books are not available. *Game Theory* by G. Owen (second edition) should be purchased or *Game Theory* by T. Jones (although this is only sound on zero-sum games). Some further references are *Games and Decisions* by Luce and Raiffa, *The Theory of Games and Economic Behaviour* by Von Neumann and Morgenstern, *Two-Person Game Theory* by Rappaport, *Economics and the Theory of Games* by Bacharach, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations* by Harsanyi, *The Complete Strategist* by Williams, *The Strategy of Conflict* by Schelling.

Examination Arrangements: Students who take Game Theory II will be expected to take Game Theory I in the same year and will be examined on both courses with a single three hour paper. The examination will contain a general section, a more mathematical section and a more economical section. Students will be required to answer questions from two of these three sections.

SM8203

Stochastic Processes

Teacher Responsible: Professor J. Hajnal, Room S116 (Secretary, S205)

Course Intended Primarily for M.Sc. (Statistics and Operational Research) (half-unit).

Scope: An introduction to some aspects of stochastic processes useful for application in statistics or operational research.

Syllabus: The first part of the course provides an elementary treatment of Markov chains and processes. Further topics are selected from a list including renewal theory, queueing theory, branching processes, random walks, Brownian motion and diffusion processes.

Pre-Requisites: A knowledge of mathematics along the lines of **Elementary Mathematical Methods**, SM7000, and of probability to the level of **Probability and Distribution Theory**, SM7220.

Teaching Arrangements: SM250, 2 hours per week in the Michaelmas and Lent Terms.

Reading List: M. Iosifescue, *Finite Markov Processes and their Applications*; J. G. Kemeny & J. L. Snell, *Finite Markov Chains*; D. L. Isaacson & R. W. Madsen, *Markov Chains: Theory and Applications*; S. Karlin & H. M. Taylor, *A First Course in Stochastic Processes*; S. M. Ross, *Applied Probability with Optimisation Applications*.

Examination Arrangements: There is a two-hour written examination in the Summer Term based on the content of the whole course.

SM8204

Decision Analysis in Theory and Practice (Half unit course)

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research).

Scope: 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 given jointly by the Decision Analysis Unit and the Department of Statistical and Mathematical Sciences, and is intended to be genuinely inter-disciplinary.

Syllabus: 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.)

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**.

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:

Lectures: SM238, 10 Michaelmas Term

SM239, 10 Michaelmas Term

SM240, 10 Lent Term

SM241, 10 Lent Term

Classes: SM238a, 5 Michaelmas Term

SM239a, 5 Michaelmas Term

SM240a, 5 Lent Term

SM241a, 5 Lent Term

SM238 **Fundamentals of Decision Theory** (Dr. J. V. Howard). This covers the normative theory of subjective probability and expected utility.

SM239 **Behavioural Decision Theory** (Staff of the Decision Analysis Unit). An exposition of descriptive models of human decision making, with an emphasis on the relationship between descriptive and normative theories.

SM240 **Bayesian Statistical Methods** (Dr. M. Knott). General discussion of the Bayes' approach and comparison with other approaches to statistical inference. Applications to some basic statistical problems.

SM241 **Decision Analysis in Practice** (Staff of the Decision Analysis Unit). 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: Recommended books will be given at the beginning of each lecture course.

Examination Arrangements: The course is examined by an essay or project assignment during the year and by one two-hour formal examination in the Summer Term. The paper will probably contain two questions in each of the four main topics, and three of these questions must be attempted. 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.

SM8213

Models of Social Processes

(Not available 1986-87)

Teacher Responsible: Dr. D. J. Bartholomew, Room S210 (Secretary, Mary Cahill, S206)

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics) and M.Sc. (Operational Research) (half-unit).

Scope: Models for manpower planning and for social change.

Syllabus: The statistical analysis of labour turnover, Markov chains and renewal theory, models for manpower forecasting and control, career prospects, demand forecasting. Models for size and duration, open and closed Markov models for social and occupational mobility, models for the diffusion of news and rumours and competition of social groups.

Pre-Requisites: A basic knowledge of Probability and Statistics to first degree level.

Teaching Arrangements: 20 lectures and 10 fortnightly classes in the Michaelmas and Lent Terms. Computer exercises are discussed in the classes and each student writes and presents a paper.

Reading List: The manpower part of the course is based on D. J. Bartholomew & A. F. Forbes, *Statistical Techniques for Manpower Planning*.

Useful background material may be found in: A. R. Smith, *Models of Manpower Systems*; A. R. Smith, *Manpower Planning in the Civil Service*; S. Vajda, *Mathematics of Manpower Planning*; R. C. Grinold & K. T. Marshall, *Manpower Planning Models*.

For the stochastic models part of the course students should purchase D. J. Bartholomew, *Stochastic Models for Social Processes* (3rd edn.). There is an extensive literature scattered in the journals to which reference will be made.

Other relevant books include: R. Boudon, *Mathematical Structures of Social Mobility*; A. Rapport, *Mathematical Models in the Social Sciences*; T. W. Pullum, *Measuring Occupational Inheritance*; A. Dickmann & P. Mitter, *Stochastic Modelling of Social Processes*.

Examination Arrangements: There will be a two-hour written examination in the Summer Term. There will be about five questions on the course of which three must be answered.

SM8214

Statistical and Economic Aspects of Educational Planning

Teacher Responsible: Dr. C. M. Phillips, Room S207 (Secretary, S205)

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics), M.Sc. (Operational Research) (half-unit).

Scope: The course introduces the economic and statistical methods used in education and manpower planning.

Syllabus:

Ec251: The first lecture will review the extent to which development planning in general, and manpower planning in particular, have failed to realise expectations. The next two will discuss approaches to planning which have evolved in other disciplines, especially analysis, administrative and political science, regional and urban planning, and organisation theory. The final seven lectures will draw upon this material to formulate an adaptive process approach to development planning.

SM265: 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. Familiarity with rate of return analysis would be helpful.

Teaching Arrangements: Ec251: 10 lectures in the Michaelmas Term. SM265: 10 lectures in the Michaelmas Term and fortnightly classes from the 6th week of the Michaelmas Term to the 4th week of the

Summer Term. SM265 classes will be given by Dr. Phillips, S206. Written papers are produced for the classwork.

Reading List:

Ec250: There is no text for the course. The following articles and monographs will be discussed in the first part of the new course: D. Seers, *The Prevalence of Pseudo-Planning*; C. Leyes, *A New Conception of Planning*; A. Waterston, "An Operational Research Approach to Development Planning" in M. Faber & D. Seers (Eds.), *Crisis in Planning*; C. E. Lindblom, "The Science of Muddling Through", *Public Administration Review*, 27, 1967; B. M. Hudson, "Comparison of Current Planning Theories: Counterparts and Contradictions", *Journal of the American Planning Association*, 45, 1979; C. Argyris & D. A. Schon, *Organisational Learning*; C. A. Lindblom & D. K. Cohen, *Usable Knowledge*.

SM265: 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, including one from Ec251 and one from SM265. 70% of the total assessment of the course is based on the examination paper, the other 30% is awarded for a project and classwork for SM265.

SM8253

Statistical Techniques for Operational Research

Teacher Responsible: Dr. J. V. Howard, Room S209 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research) (half-unit).

Scope: This is a second course in Statistics, emphasising the application of some statistical techniques which have proved useful in the Management Sciences.

Syllabus: Regression Analysis, Time Series and Forecasting. More detail is given in the lecture course descriptions under "Teaching Arrangements" below.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**. In particular, students should have covered elementary distribution theory, confidence intervals and hypothesis testing, 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 two lecture courses, each accompanied by a class, as follows:

Lectures: SM211 **Time Series and Forecasting**, 10 Lent Term.

SM212 **Applied Regression Analysis**, 10 Lent Term.

Classes: SM211a, 5 Lent Term

SM212a, 5 Lent Term

SM211 **Time Series and Forecasting (Professor Harvey)** Trend, seasonality, stationarity, exponentially weighted moving average forecasts, ARMA models, and Box-Jenkins forecasting.

SM212 **Applied Regression Analysis, (Dr. Smith)** Multiple linear regression, transformation of data, stepwise and best subsets regression.

Both SM211 and SM212 have classes approximately once a fortnight to discuss sets of problems given out in the lectures. The class teachers are usually either the lecturer or a research officer. Full lecture notes and problem solutions are provided for SM212.

Reading List: Recommended books are: R. B. Miller & D. W. Wichern, *Intermediate Business Statistics* (Holt, Rinehart and Winston, 1977); T. H. Wonnacott & R. J. Wonnacott, *Regression: A Second Course in Statistics* (Wiley, 1981, available in paperback).

Students may also wish to consult: C. Chatfield, *The Analysis of Time Series - Theory and Practice*; W. Gilchrist, *Statistical Forecasting*; 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* (2nd edn.).

Examination Arrangements: There is a two-hour formal examination in the Summer Term, covering the full syllabus for both lecture courses. The paper usually contains four questions, of which three must be attempted. It is important to attempt three questions: no credit is given for a fourth answer, and one third of the marks is available for each of these three attempts. On the other hand, it is not necessary to answer in full all parts of a question to obtain a reasonable mark on it.

SM8254

Statistical Sources, Packages and Data Analysis

Teacher Responsible: Dr. C. Smith, Room S212 (Secretary, S107)

Course Intended Primarily for M.Sc. (Statistics, Sociology and Statistics and Operational Research) (half-unit).

Scope: This course gives an introduction to the more important sources of statistical data and to several of the popular statistical computing packages.

Syllabus: SM234: Practical use of statistics computing packages, including MINITAB, GLIM, SAS, SPSS and BMDP. Students will be expected to learn and programming language during the course.

Pre-Requisites: Statistics to first degree level, such as in **Statistical Theory**, SM7241.

Teaching Arrangements: There are two components of the course as below:

SM234 **Statistical Sources** 10 hours Lent and Summer Terms.

SM237 **Statistical Packages and Data Analysis** 25 hours Michaelmas and Lent Terms.

Reading List: Appropriate material will be made available during the course. A general source referred

to throughout SM234 will be the current issue of **Social Trends**, HMSO.

Examination Arrangements: There will be one two-hour written examination paper in the Summer Term. The paper will be divided into two sections. Candidates must answer three questions, one of which must be chosen from section 1 on **Statistical Sources**, and one of which must be chosen from section 2 on **Statistical Packages**. There will normally be three questions in section 1 and three questions in section 2. The final assessment will be based on 60% for the written examination and 40% for exercises set during the course.

SM8255

Sampling Theory and Multivariate Methods

Teacher Responsible: Colm O'Muircheartaigh, Room S214 (Secretary, Ann Morris, S205)

Course Intended Primarily for M.Sc. (Statistics) and M.Sc. (Sociology and Statistics) (half-unit)

Scope: The course deals with the theory and application of sample design and with some of the multivariate techniques used in the Social Sciences.

Syllabus:

SM262: 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.

SM259: A review of techniques used in the Social Sciences including path analysis, multidimensional scaling, factor and latent structure analysis, cluster analysis and binary segmentation.

Pre-Requisites: A basic knowledge of probability, statistical theory and survey methods up to first degree level.

Teaching Arrangements: SM262: 30 (15 two-hour sessions) Michaelmas and Lent Terms. SM259: 10 Lent Term lectures. Students are required to write a paper on the application of one of the techniques covered.

Reading List: SM262: W. G. Cochran, *Sampling Techniques* (3rd edn., 1977); L. Kish, *Survey Sampling*.

SM259: 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.

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*; M. G. Kendall, *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 SM262, and two on SM259. Three questions, and only three questions must be attempted.

SM8256**Basic Time Series and Forecasting: Robust Methods and Nonparametrics**

Teacher Responsible: Professor J. Durbin, Room S217 (Secretary, Ann Morris, S205)

Course Intended Primarily for M.Sc. (Statistics), M.Sc. (Sociology and Statistics), M.Sc. (Operational Research (half-unit)).

Scope: A broad introduction to time series and non-parametric methods for the postgraduate specialist.

Syllabus:

SM257: Stationary time series, autoregressive and moving average models, fitting and testing of time series models, prediction, model-building.

SM255: Distribution-free methods, rank tests, tests of goodness-of-fit, permutation theory, M-estimators, influence function, jackknife.

Pre-Requisites: Mathematics to the level of **Mathematical Methods SM113**, and a good undergraduate knowledge of distribution theory and regression.

Teaching Arrangements: SM257: One two-hour lecture each week in the Michaelmas Term.

SM255: One hour teaching each week in the Michaelmas and Lent Terms.

Reading List:

SM257: 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*.

SM255: M. Hollander & D. A. Wolfe, *Non-parametric Statistical Methods*; P. J. Huber, *Robust Statistics*; M. G. Kendall & A. Stuart, *The Advanced Theory of Statistic*, Vol. 2.

Examination Arrangements: There is a two-hour written examination in the Summer Term. There are three questions on SM257 and three questions on SM255. Three, and only three questions must be answered, and at least one question must be answered on SM257 and SM255.

SM8257**Multivariate Analysis and Linear Models**

Teacher Responsible: Dr. M. Knott, Room S216 (Secretary, S205)

Course Intended Primarily for M.Sc. (Statistics) and M.Sc. (Sociology and Statistics) (half-unit)

Scope: An introduction to the theory and application of modern multivariate methods to continuous and categorical data.

Syllabus:

SM254: Multivariate distributions, multiple regression analysis, principal component analysis, canonical analysis, discriminant analysis, latent variable models, factor analysis, models for binary data.

SM256: Measurement of association in two-way tables, log-linear and other models for contingency tables.

Pre-Requisites: Mathematics to the level of **Mathematical Methods, SM113** and a sound

undergraduate level of regression theory and distribution theory.

Teaching Arrangements: SM254: One-hour lecture each week in Michaelmas and Lent Terms.

SM256: 10 one-hour lectures in the Lent and Summer Terms.

Reading List:

SM254: M. G. Kendall, *Multivariate Analysis*; C. Charfield & A. J. Collins, *Introduction to Multivariate Analysis*; D. F. Morrison, *Multivariate Statistical Analysis*; K. V. Mardia & Others, *Multivariate Analysis*.

SM256: Y. M. M. Bishop, G. S. E. Fienberg & P. W. Holland, *Discrete Multivariate Analysis*; C. Payne, "Log-linear Models" in C. O'Muircheartaigh, *The Analysis of Survey Data*, Vol. 2; G. S. E. Fienberg, *The Analysis of Cross-Classified Categorical Data*, (2nd edn.).

Examination Arrangements: There is a one two-hour examination in the Summer Term. There are three questions on SM254 and two questions on SM256. Three and only three questions must be answered, with at least one answer on SM254 and one on SM256.

SM8258**Statistical Techniques**

Teacher Responsible: Dr. J. V. Howard, Room S209 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Sociology and Statistics) and Diploma in Statistics.

Scope: This is a second course in Statistics, emphasizing the application of statistical techniques which have proved useful in the Management Sciences.

Syllabus: Analysis of Variance, Regression, Time Series and Forecasting, Survey Methods, Quality Control. More detail is given in the lecture course descriptions under "Teacher Arrangements" below.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**. Mathematics to the level of **Elementary Mathematical Methods**. In particular, students should have covered elementary distribution theory, confidence intervals and hypothesis testing, 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 four lecture courses, each accompanied by a class, as follows:

Lectures: SM210 **Analysis of Variance and Quality Control** 10 Michaelmas Term

SM211 **Time Series and Forecasting** 10 Lent Term

SM212 **Applied Regression Analysis** 10 Lent Term

SM213 **Survey Methods** 10 Michaelmas Term

Classes: SM210a 5 Michaelmas Term

SM211a 5 Lent Term

SM212a 5 Lent Term

SM213a 5 Lent Term

SM210 **Analysis of Variance and Quality Control** (Dr. Howard).

Three lectures on Quality Control introduce methods of acceptance/rejection and continuous process control. Seven lectures on Analysis of Variance cover

one and two-way classifications and the estimation of contrasts.

SM211 **Time Series and Forecasting** (Professor Harvey).

Trend, seasonality, stationarity, exponentially weighted moving average forecasts, ARMA models, and Box-Jenkins forecasting.

SM212 **Applied Regression Analysis** (Dr. Smith).

Multiple linear regression, transformation of data, stepwise and best subsets regression.

SM213 **Survey Methods** (Dr. Phillips). (This also forms part of the course **Statistical Techniques and Packages** - Course Registration Number 790/7240). Principles of sampling, stratification, clustering and the multistage sample, applications in market research and accounting. Major government surveys. Questionnaire design. Non-sampling errors.

SM210-SM213 have classes approximately once a fortnight to discuss sets of problems given out in the lectures. The class teachers are usually either the lecturer or a research officer. SM213 has five class seminars taken by the lecturer after the lecture course has finished. Full lecture notes and problems solutions are provided for SM210 and SM212.

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); G. Kalton and C. Moser, *Survey Methods in Social Investigation*.

Students may also wish to consult C. Chatfield, *The Analysis of Time Series - Theory and Practice*; W. Gilchrist, *Statistical Forecasting*; J. Neter & W. Wasserman, *Applied Linear Statistical Models*; T. A. Ryan, B. L. Joiner & B. F. Ryan, *MINITAB Student Handbook*; G. B. Weatherill, *Sampling Inspection and Quality Control*; T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics for Business and Economics* (2nd edn.).

Examination Arrangements: There is a three-hour formal examination in the Summer Term, covering the full syllabus for all four lecture courses. The paper usually contains nine questions, of which five must be attempted. It is important to attempt five questions: no credit is given for the sixth answer, and one fifth of the marks is available for each of these five attempts. On the other hand, it is not necessary to answer in full all parts of a question to obtain a reasonable mark on it. Copies of previous year's papers are available. 90% of the total assessment of the course is based on the examination paper - the remainder is awarded on a project. The project is usually set during the Lent Term and students attempt it in teams of about four members each. The project is handed in early in the Summer Term, and is marked on presentation as well as content.

SM8259**Time Series**

Teacher Responsible: Professor J. Durbin, Room S217 (Secretary, Ann Morris, S205)

Course Intended Primarily for M.Sc. (Statistics) (half-unit).

Scope: Time series analysis and forecasting with an emphasis on the frequency domain.

Syllabus:

SM258: The frequency domain and spectral analysis. Ec320: Forecasting methods based on the Kalma filter, time-varying parameter models, unobserved component models.

Pre-Requisites: Mathematics to the level of **Mathematical Methods, SM113**, and a good undergraduate level of regression theory and distribution theory.

Teaching Arrangements: SM258: One two-hour lecture each week during the Lent Term.

Ec320: 10 one-hour lectures in the Michaelmas Term.

Reading List:

SM258: 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. Granger & P. Newbold, *Forecasting Economic Time Series*; P. Bloomfield, *Fourier Analysis of Time Series; An Introduction*.

Ec320: A. C. Harvey, *Time Series Models*; B. D. O. Anderson & J. B. Moore, *Optimal Filtering*.

Examination Arrangements: The examination is at the same time as that for Ec2561, Advanced Econometric Theory II. There will be a two-hour written examination paper in the Summer Term. There will be three questions on SM258 and two questions on Ec230. Three and only three questions must be answered, including at least one question on SM258 and one on Ec320.

SM8260**Social Statistics and Survey Methodology**

Teacher Responsible: Mrs. K. E. Spitz, Room S213 (Secretary, S205)

Course Intended Primarily for Diploma in Statistics.

Scope: 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.

Syllabus:

SM214: **Surveys, Experiments and other Investigations.** Surveys: design decisions, methods of random sampling, data collection methods and the control of response and non-response errors. The design of experiments and other explanatory studies. SM215: **Sample Survey Theory** (useful but not essential). The mathematical theory of simple random sampling, stratification and multi-stage sampling.

SM216: **Multivariate Methods**

A survey of principal component analysis, cluster analysis and multidimensional scaling. Illustrative examples of the application of each technique including interpretation of computer output.

SM234: **Sources of Social Statistics**

Problems of measurement in a variety of areas including levels of living, employment etc. Major British sources and their comparability.

SM265: **Statistical Aspects of Educational Planning.** Criteria for establishing priorities in planning. Methods of Forecasting the demand for education and the demand and supply of teachers and of some other professional groups.

Pre-Requisites: Elementary Statistical Theory.

Teaching Arrangements:

SM214 Given by Mrs. K. Spitz, 20 Lent Term, 2 Summer Term.

Usually consists of 15 lectures and 7 classes. Students present prepared class papers.

SM215 Given by Mrs. K. Spitz, 10 Michaelmas Term, 5 Lent Term. Includes classes in which solutions to problems sets given out in the lectures are discussed.

SM216 Given by Dr. C. Phillips, Room S207. 10 Michaelmas Term, 5 Lent Term.

Usually includes 5 classes form which each student prepares one class paper.

SM234 Given by Dr. C. Phillips, Room S207. 5 Lent Term, 5 Summer Term.

SM265 Given by Dr. C. Phillips, Lectures and class discussions. 5 Michaelmas Term.

Reading List:

SM214 Students are advised to purchase:

C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*.

Other books which may be consulted include: C. Sellitz et al., *Research Methods in Social Relations*; H. M. Blalock, *An Introduction to Social Research*.

SM215 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*.

SM216 No single book adequately covers the course. The most suitable are:

C. A. O'Muircheartaigh & C. Payne, *The Analysis of Survey Data*, Volume 1; A. E. Maxwell, *Multivariate Analysis in Behavioural Research*.

Other books which can be usefully consulted are:

C. Chatfield & A. J. Collins, *Introduction to Multivariate Analysis*; M. G. Kendall, *Multivariate Analysis*.

SM234 Reading will be provided by the lecturer. A general source referred to throughout will be the current issue of *Social Trends* (HMSO).

SM265 No single book covers the course. References to appropriate papers will be provided by the lecturer.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based upon the syllabuses for SM214, SM216, SM265 and SM234. Knowledge of SM215 though helpful is not examined upon directly. Four questions must be answered from a total of ten or eleven. Copies of past examination papers are available.

SM8261

Surveys and Market Research Methods

Teacher Responsible: Mr. Colm A. O'Muircheartaigh, Room S214 (Secretary, Ann Morris, S205)

Course Intended Primarily for M.Sc. (Statistics) and the M.Sc. (Sociology and Statistics) (half-unit)

Scope: The course deals with practicalities of the design and execution of sample surveys.

Syllabus:

SM264 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.

SM263 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: SM264 20 one-hour lectures in the Michaelmas and Lent Terms.

SM263 10 hours teaching in the Lent Term. In the last three hours students present papers to the group.

Reading List:

SM264 (pre-requisite): C. A. Moser & G. Kalton, *Survey Methods in Social Investigation*;

SM263 students are advised to purchase: D. T. Campbell & J. C. Stanley, *Experimental and Quasi-experimental Designs for Research* (paperback).

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 Measures: Nonreactive Research in the Social Sciences*.

Examination Arrangements: There is a two-hour written examination in the Summer Term. Three questions are set on SM264 and two questions on SM263. Four questions and only four must be answered, including at least one form SM264 and one from SM263.

SM8300

SM8303

Computing and Data Processing Systems Analysis

Teacher Responsible: Steve Smithson, Room S111 (Secretary, Sue Coles, S107)

Other Teachers Involved: Mr. D. Dalby, Mrs. E. Somogyi and Professor F. Land

Course Intended Primarily for M.Sc. in Accounting and Finance as an option; M.Sc. Industrial Relations.

Scope: The aim of the course is to introduce students, who are not computer specialists, to the elements of computer science, including the learning of a computer language (BASIC), and to help students to understand the processes by which computer systems for data processing are brought into use.

Syllabus: General Computing (Frank Land). Computer hardware and software, computer applications. Methods of developing computer based applications. The economics of information technology. Social Issues.

Computer Systems Management (Professor F. Land, Mrs. E. Somogyi), which considers the "life cycle" of an information system, and the processes and activities which are needed to investigate, design, implement and operate a computer-based information system. The course discusses information economics, the organisation of the EDP function within an organisation, and the control of an information systems development project.

Teaching Arrangements:

Lectures:

SM300 **General Computing I**, 20 lectures and 20 classes Michaelmas and Lent Terms.

SM301 **General Computing II**, 20 lectures

SM362 **Information Systems Management**, 10 lectures and 5 classes Michaelmas Term.

Classes: SM300a; SM362a.

Reading List:

General Computing I and II

J. Eaton & J. Smithers, *This is I.T.* Philip Allan, 1982;

G. Shelly & T. Cashman, *Computer Fundamentals for an Information Age*, Wadsworth/Anaheim, 1984;

Hunt & Shelley, *Computers and Common Sense*, 3rd edn., Prentice Hall; H. D. Clifton, *Business Data Systems*, 2nd edn., Prentice Hall, 1983; P. Bishop, *Computing Science*, Nelson, 1982; R. Atherton, *Structured Programming with Control*, Ellis Horwood, 1982.

SM362 **Information Systems Management**

N. Ahituv & S. Neumann, *Principles of Information Management*; F. P. Brooks, *The Mythical Man-Month*;

H. Donaldson, *Data Processing Project Management*;

B. Boehm, *Software Engineering Economics*; T. Gildersleeve, *Data Processing Project Management*;

A. Parkin, *Systems Management*.

Examination Arrangements: There is a formal three-hour examination in the Summer Term based on the full syllabus of the three lecture courses. The paper will contain approximately 10 questions of which 4 are to be answered. All questions carry equal marks.

SM8301

Computer Project

Teacher Responsible: Georgios Doukidis, Room S106B (Secretary, S107)

Other Teachers Involved in this course are Steve Smithson (S111) and Tony Cornford (S105A)

Course Intended Primarily for Diploma in Management Sciences and Diploma in the Management of Information Systems.

Scope: This paper is designed to consolidate the computing theory which students have learned, by their pursuing a practical project.

Syllabus: 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 **Elements of Computer Science** or **Systems Analysis and Design**.

Teaching Arrangements: There is a single course of 10 one-hour lectures in the Michaelmas Term, (SM321).

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 from the teacher responsible.

SM8302

Computers in Information Processing Systems

Teacher Responsible: Professor I. Angell, Room S111 (Secretary, Sue Coles, S107)

Other Teachers Involved: Mr. A. Cornford, Professor F. Land, Mr. S. Smithson

Course Intended Primarily for M.Sc. in the Analysis, Design and Management of Information Systems; M.Sc. in Operational Research.

Scope: The aim of the course is to introduce students to the various uses of computers and their associated technologies in both present and future organisational information processing systems.

Syllabus: File Organisation Methods, Database Management Systems, Data Dictionary Systems, Query Languages, Application Generators, Data Communications, Distributed Processing, Distributed Databases, Microcomputers, Artificial Intelligence, Office Automation, Local Area Networks, Decision Support Systems, Data Modelling, Data Analysis, Organisational Consequences, Design Methods and Techniques.

Pre-Requisites: A basic knowledge of computing including hardware, software and programming.

Teaching Arrangements: There are three lecture courses, SM364, SM369 and SM370. Associated with SM370 is a set of 10 classes on computer hardware and software. Additionally, students taking SM370 will be asked to participate in a group project on new information technology. Projects will be presented in the Lent and Summer Terms.

Lectures: SM364 **Computer Systems Design**, 10 one-hour lectures, Lent Term

SM369 **Topics in Systems Analysis**, 20 lectures, Michaelmas and Lent Terms

SM370 **Computers in Information Processing Systems**, 40 lectures, 20 Michaelmas Term and 20 Lent Terms.

Classes: SM370a 10 Michaelmas

Group presentations: SM370b 30 Lent and Summer Terms.

SM364 **Computer Systems Design** discusses the design objectives of computer based systems, and methods and techniques of computer design.

SM369 – This is a special one hour time period reserved for the presentation of videos, demonstration of new technologies and software packages, and the like.

SM370 – This course covers a range of new technologies which are or will be used in information processing systems. As part of this course, students are required to participate in a major group project, which takes a detailed look at one particular technology. Additional written and oral work is expected as a number of short assignments on various topics will be given.

Reading List: As no one book covers the entire syllabus, students are advised to consult their course lecturers on the most appropriate books to read from the reading list. Students are also expected to read various journals because of the rapidly changing technology covered in the syllabus.

Computers in Information Processing Systems V. Cheong & R. Hirschheim, *Local Area Networks*; R. Hirschheim, *Office Automation*; T. Forester, *The Microelectronics Revolution*; H. Hunke, *Software Engineering Environments*; B. Lientz, *An Introduction to Distributed Systems*; D. W. Davies, D. L. A. Barber, W. L. Price & C. M. Solomonides, *Computer Networks and their Protocols*; A. Tanenbaum, *Computer Networks*; S. Atre, *Data Base: Structured Techniques for Design, Performance and Management*; C. Date, *An Introduction to Database Systems*; Selected papers.

Topics in Systems Analysis

A. Burns, *The Microchip*; H. Lucas, F. Land, T. Lincoln & K. Supper, *The Information Systems Environment*; J. Cougar, M. Colter & R. Knapp, *Advanced System Development/Feasibility Techniques*; P. Chen, *Entity-Relationship Approach to Systems Analysis and Design*; E. Yourdon, *Techniques of Program Structure and Design*; G. Davis & G. Everest, *Readings in Management Information Systems*; M. Dertouzos & J. Moses, *The Computer Age*; M. Jackson, *Principles of Program Design*; M. Lockett & R. Spear, *Organisations as Systems*; P. Keen & M. S. Scott-Morton, *Decision Support Systems*; Fick & Sprague, *Decision Support Systems: Issues and Challenges*; Selected papers.

Computer Systems Design

C. Brookes, *et al.*, *Information Systems Design*; J. Burch, *et al.*, *Information Systems – Theory and Practice*; A. Daniels & D. Yeates, *Practical Systems Design*; H. Clifton, *Business Data Systems*; Selected papers and case studies.

Examination Arrangements: There is a three-hour formal examination in the Summer Term, based on the full syllabus of all three lecture courses. The papers will contain approximately 10 questions, of which four are to be answered. It is important to answer four questions as no credit is given for a fifth answer, and one quarter of the marks are allotted to each of the four answers. Copies of previous years' papers are available.

SM8303

Systems Analysis

See Computing and Data Processing

SM8300

SM8304

Advanced Systems Analysis

Teacher Responsible: Mr. R. K. Stamper, Room S110 (Secretary, Louise Ashfield, S107)

Other Teachers Involved: Mrs. E. Somogyi, Mr. K. Althaus

Course is Compulsory for M.Sc. Analysis, Design and Management of Information Systems.

Course Also Intended for M.Sc. in Operational Research, Accounting and Finance. It may be selected as an option for other M.Sc.'s under the "any other option" rubric.

Scope: To explore the nature of organisations viewed as information systems in which technology can play a limited role operating upon meaningless symbols but where the meanings, uses and values of information depend on people. To apply these ideas to the management of information systems and information resources.

Syllabus: Advanced Systems Analysis comprises the following four courses:

SM360 **Information I**, Mr. R. K. Stamper, which examines the machine orientated view of information. Logical, mathematical and statistical tools will be introduced together with the analytical techniques that exploit them.

SM361 **Information II**, Mr. R. K. Stamper, which looks at information from a human and social perspective, demonstrating the cultural basis of sign functions, examining problems of meaning (including measurement) and relating these ideas to systems analysis techniques.

SM362 **Information Systems Management**, Mrs. E. Somogyi, Mr. R. K. Stamper, which considers the "life cycle" of an information system, and the processes and activities which are needed to investigate, design, implement, and operate a computer-based information system. The course discusses information economics, the organisation of the EDP function within an organisation, and the control of an information systems development project.

SM363 **Systems Analysis Methodology II**, Mr. R. K. Stamper, Mrs. E. Somogyi, which critically compares and assesses the various methods for systems analysis and their associated tools, techniques, approaches and philosophies.

Pre-Requisites: Students should have a basic knowledge of computer science, some organisational experience and should at least have read some basic text books on systems analysis, and some background material on information systems, such as Daniel & Yeats, *Basic Systems Analysis* or A. Parkin, *Systems Analysis*; G. Davis & M. Olson, *Management Information Systems*; N. Ahituv & S. Neumann, *Principles of Information Systems for Management*; G. Davis & S. Everest, *Readings in Management Information Systems*; M. Jackson, *Systems Development*; M. Lundberg *et al.*, *Information Systems Development*; J. Buberko, *Information*

Analysis; W. W. Olle *et al.*, *Information Systems Design Methodologies*, (a) *Comparative Reviews*, (1982), (b) *Feature Analysis*, (1983); G. Collins & G. Blay, Marco, *Structured Analysis and Systems Specifications*; S. J. Waters, *Systems Specification*.

SM360 **Information I**, 10 one-hour lectures and 10 classes (SM360a) Michaelmas Term.

SM361 **Information II**, 10 one-hour lectures, and 10 one-hour classes (SM361a) Michaelmas Term.

SM362 **Information Systems Management**, 10 one-hour lectures, and 5 one-hour classes (SM362a) Michaelmas Term.

SM363 **Systems Analysis Methodology II**, 10 one-hour lectures, and 10 one-hour classes (SM363a) Lent Term.

Teaching Methods: Teaching is arranged in lectures and classes. Lectures are primarily used for providing an overview and survey of the subject area, together with detailed illustrations. Students are expected to amplify the knowledge gained from lectures by guided reading. Classes are used for guided work on case studies, and presenting for discussion work by individuals or groups on issues raised by lectures.

Reading List: Each course (see below) has its own recommended reading, but many items are relevant to other courses. Lecturers will provide lists of other materials and more specific guidance.

General List – Recommended Reading

Information I

N. Abramson, *Information Theory and Coding*, McGraw-Hill, 1963; J. Aitchison, *Linguistics*, Hodder and Stoughton, 1978; J. M. Allwood, L. G. Andersson & O. Dahl, *Logic in Linguistics*; W. R. Ashby, *An Introduction to Cybernetics*, Chapman and Hall, 1956; J. L. Austin, *How to Do Things with Words*, Oxford University Press, 1976; R. Busacker, and T. L. Saaty, *Finite Graphs and Networks*, McGraw-Hill, 1965; R. D. Dowty, R. E. Wall and S. Peters, *Introduction to Montague Semantics*, Reidel, 1981; B. R. Gaines & M. L. G. Shaw, *The Art of Computer Conversation*, Prentice Hall, 1984; P. Gray, *Logic, Algebra and Databases*, Ellis Horwood, 1984; S. Haack, *Philosophy of Logics*, Cambridge University Press, 1978; W. Hodges, *Logic*, Penguin, 1977; R. Kowalski, *Logic for Problem Solving*, North Holland, 1979; C. Shannon & W. Weaver, *The Mathematical Theory of Communication*, University of Illinois, 1964; R. K. Stamper, *Information in Business and Administrative Systems*, Batsford, 1973; R. J. Wilson, *Introduction to Graph Theory*.

Information II

D. Bloor, *Wittgenstein: A Social Theory of Knowledge*, Macmillan, 1983; C. Cherry, *On Human Communication*, (third edition), MIT Press, 1983; C. F. Flores & T. Winograd, *Understanding Computers and Cognition*, 1986; F. Dretske, F. *Knowledge and the Flow of Information*, Blackwell, 1981; P. Guiraud, *Semiology*, Routledge and Kegan Paul, 1975; E. T. Hall, *The Silent Language*, Doubleday, 1959; A. J. I. Jones, *Communication and Meaning*, Reidel, 1983; W. Kent, *Data and Reality*, North Holland, 1978; G. Lakoff & M. Jonson, *Metaphors We Live By*, University of Chicago Press, 1980; C. Morris, *Signs, Language and Behaviour*, Braziller, 1946; A. Ortony

(Ed), *Metaphor and Thought*, Cambridge University Press, 1979; R. K. Stamper, *Information in Business and Administrative Systems*, Batsford, 1973; P. A. Strassman, *Information Payoff*, Free Press, 1985; S. B. Torrance, *The Mind and the Machine*, Ellis Horwood, 1984; B. L. Whorf, *Language, Thought and Reality*, MIT Press, 1956.

SM362 Information Systems Management

R. Hirschheim, *Information Management Planning in Organisations*; F. P. Brooks, *The Mythical Man-Month*; H. Donaldson, *Data Processing Project Management*; R. Nolan, *Managing the Data Resource Function* (2nd edn.); C. B. Grindley & J. Humble, *The Effective Computer*; T. Gildersleeve, *Data Processing Project Management*; A. Parkin, *Systems Management*.

Other Relevant Books:

J. D. Aron, *The Program Development Process*; D. B. Barker, *Crime By Computer*; A. Chandor, *Selecting and Keeping Computer Staff*; L. J. Krauss & A. MacGahan, *Computer Fraud and Countermeasures*; D. K. Hsiao, D. S. Kerr & S. E. Madnick, *Computer Security*; H. Lucas *et al.*, *The Information Systems Environment*; J. Martin, *Security, Accuracy and Privacy of Computer Systems*; F. W. McFarlan & R. L. Nolan, *The Information Systems Handbook*; P. W. Metzger, *Managing a Programming Project*; G. M. Weinberg, *The Psychology of Computer Programming*. SM363 **Systems Analysis Methodology II** (see also SM360)

J. Bubenko, *Information Analysis*; P. Checkland, *Systems Thinking, Systems Practice*; G. Collins & G. Blay, *Structured Systems Development Techniques*; J. Cougar, M. Colter & R. Knapp, *Advanced System Development/Feasibility Techniques*; T. De Marco, *Structured Analysis and Systems Specification*; C. Gane & T. Sarson, *Structured Analysis: Tools and Techniques*; M. Jackson, *Systems Development*; M. Lundberg *et al.*, *Information Systems Development*; M. Mehlmann, *When People Use Computers*; E. Mumford & D. Henshall, *The Participative Approach to the Design of Computer Systems*; E. Mumford & M. Weir, *Computer Systems in Work Design: The ETHICS Method*; W. W. Olle *et al.*, *Information Systems Design Methodologies*, (a) *Comparative Reviews*, (1982), (b) *Feature Analysis*, (1983); S. J. Waters, *Systems Specification*; G. Weinberg, *Structured Analysis*.

Other Relevant Books:

C. Hines & G. Serle, *Automatic Unemployment*; P. Kraft, *Programmers and Managers*; E. Mumford & H. Sackman, *Human Choice and Computers I*; A. Mowshowitz, *Human Choice and Computers II*; N. Szyperki & E. Groschla (Eds.), *Computer-Based Information Systems*.

Examination Arrangements: There is a three-hour formal examination in the Summer Term based on the full syllabus of all four lecture courses. The paper which contains 12 questions is divided into two sections. Students are expected to answer four questions, two from each section. All questions carry equal marks. Examination papers from previous years are available from Sue Coles (S107).

SM8305

Systems Analysis I**Teacher Responsible:** Mr. R. K. Stamper, Room S110 (Secretary, Louise Ashfield, S107)**Course Intended Primarily for** M.Sc. in Operational Research $\frac{1}{2}$ unit.**Scope:** The course will give students an understanding of the process by which information systems problems are analysed, and information technology is applied to them.**Syllabus:** Systems Analysis I comprises the following two lecture courses.SM362 **Information Systems Management, Mrs. E. Somogyi, Mr. R. K. Stamper**, which considers the "life cycle" of an information system, and the processes and activities which are needed to investigate, design, implement, and operate a computer-based information system. The course discusses information economics, the organisation of the EDP function within an organisation, and the control of an information systems development project.SM362 **Information Systems Management**, 10 one-hour lectures, and 5 one-hour classes (SM362a) Michaelmas Term.SM363 **Systems Analysis Methodology II, Mr. R. K. Stamper**, **Pre-Requisites:** Students should have a basic knowledge of computer science, and should at least have read some basic text books on systems analysis such as Daniels and Yeates, *Basic Systems Analysis*, or A. Parkin, *Systems Analysis*.SM363 **Systems Analysis Methodology II, Mr. R. K. Stamper, Mrs. E. Somogyi**, which critically compares and assesses the various methods for systems analysis and their associated tools, techniques, approaches and philosophies.SM363 **Systems Analysis Methodology II, Mr. R. K. Stamper**, 10 one-hour lectures and 10 one-hour classes (SM363a) Lent Term.**Reading List:** F. P. Brooks, *The Mythical Man-Month*; J. Bubenko, *Information Analysis*; P. Checkland, *Systems Thinking, Systems Practice*; G. Collins & G. Blay, *Structured Systems Development Techniques*; J. Cougar, M. Colter & R. Knapp, *Advanced System Development/Feasibility Techniques*; T. De Marco, *Structured Analysis and Systems Specification*; H. Donaldson, *Data Processing Project Management*; C. Gane & T. Sarson, *Structured Analysis: Tools and Techniques*; T. Gildersleeve, *Data Processing Project Management*; C. B. Grindley & J. Humble, *The Effective Computer*; R. Hirschheim, *Information Management Planning in Organisations*; M. Jackson, *Systems Development*; M. Lundebert et al, *Information Systems Development*; M. Mehlmann, *When People Use Computers*; E. Mumford & D. Henshall, *The Participative Approach to the Design of Computer Systems*; E. Mumford & M. Weir, *Computer Systems in Work Design: The ETHICS Method*; R. Nolan, *Managing the Data Resource Function*, (2nd edn.); W. W. Olle et al, *Information Systems Design Methodologies*, (a) *Comparative Reviews*, (1982), (b) *Feature Analysis*, (1983); A. Parkin, *Systems Management*; S. J. Waters, *Systems Specification*; G. Weinberg, *Structured Analysis*.**Examination Arrangements:** There is a three-hour formal examination in the Summer Term.

SM8306

Information System in Developing Countries**Teacher Responsible:** Steve Smithson, Room S111 (Secretary, Sue Coles, S107)**Other Teachers Involved:** Dr. J. Liebenau, Mrs. M. Hardiman, Professor A. Flowerdew**Course Intended Primarily for** Diploma in the Management of Information Systems; M.Sc. in the Analysis, Design and Management of Information Systems.**Scope:** The course covers the application of technology to developing countries, with particular emphasis on information technology and information systems. The problems involved are examined from the social, Economic, Management and Political Perspectives.**Syllabus:** The course is made up of three lecture courses as follows:SM380 **Aspects of Development Economics**

5 two-hour seminars Lent and Summer Terms

An introduction to Development Economics. The Economics of Information with reference to Developing Countries. Problems of Costs, Prices, Forecasting Demand and Project Appraisal.

SM381 **Applications of New Technology**

20 two-hour seminars, Michaelmas and Lent Terms.

(i) *The Transfer and Development of Technology*. Fundamental Policy Choices. World Trade in Technology. Multinationals and Technology Transfer and Development. Transfer Mechanisms. Sovereignty vs. Interdependence. Regulation and Codes of Conduct.(ii) *The Social Context of Information Systems*

Key Issues in Social Development: Population, Poverty and Inequality. Role of Information Technology in social policy. Data Collection and Analysis. Education and Communication. Health and Medical Care.

SM382 **Management and Political Issues**

5 two-hour seminars, Michaelmas and Lent Terms.

Role of International Institutions. Government Policy and National Institutions. Education and Training in Information Technology. Managing Systems Development in Developing Countries. Appropriate and Inappropriate Applications of Information Technology.

Reading List: No one book covers the entire syllabus and many references are given during the course. The following books are particularly recommended:M. Hardiman & J. Midgeley, *The Social Dimensions of Development - Social Policy and Planning in the Third World*; M. Todaro, *Economics for a Developing World*; J. Midgeley & D. Piachaud (Eds.), *The Fields and Methods of Social Planning*; W. Brandt et al., *North South: A Programme for Survival*; E. Mansfield, *Technology Transfer, Productivity and Economic Policy*; N. Rosenberg, *Inside the Black Box, Technology and Economics*; M. Wilkins, *The Maturing of Multinational Enterprise*.

SM8342

Operational Research Techniques and Applications**Teacher Responsible:** Dr. Ray Paul, Room S109 (Secretary, Hazel Rice, S108)**Course Intended Primarily for** M.Sc. Analysis, Design and Management of Information Systems; M.Sc. Accounting and Finance.**Scope:** The course gives an introduction to the methodology and theoretical techniques of Operational Research.**Syllabus: Operational Research Methodology:** The practice and context of operational research - how they affect each other. Topics covered from problem formulation and model building through to the scientific status of O.R., and to whether O.R. workers are professional.**Basic Operational Research Techniques:** An introduction to stock control, scheduling, queueing theory, replacement, critical path analysis, dynamic programming and heuristics.**Basic Mathematical Programming:** Formulation of operational problems in linear and non-linear programming models; solution of such problems by available computer programs; interpretation of solutions; limitations of such models.**Selected Topics in Operational Research:** Each week an invited speaker presents illustrations of the practical applications of O.R. in industry or a public institution. **Applied Statistics and Forecasting Techniques for Operational Research:** Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smooth techniques of forecasting.**Pascal Programming (optional):** The syntax of the Pascal programming language. This course will be based on the video series Programming in Pascal.**Operational Research Tutorial Class:** Students will be given an O.R. problem to be solved in groups of four students. The problem requires the application of commonsense and what the students learn during the course in order to produce a group report by the end of the fourth week of the Summer Term.**Pre-Requisites:** A knowledge of mathematics and statistics to the level of the undergraduate papers in **Elementary Mathematical Methods and Elementary Statistical Theory** of the Part I examination of the B.Sc. (Econ.) degree.**Teaching Arrangements:** SM350 8 \times 1 $\frac{1}{2}$ -hours Michaelmas and Lent Terms

SM351 18 Michaelmas Term, SM351(a) 18

SM353 9 Michaelmas Term, SM353(a) 19

SM357 9 Michaelmas Term, SM357(a) 5 Michaelmas Term

SM358 15 \times 1 $\frac{1}{2}$ -hours Michaelmas and Lent Terms
SM377 29 September-2 October and 5 Michaelmas Term

A one day session will be held during the second week of the Lent Term during which each student group will make a presentation of their report to the other students and the O.R. staff.

Reading List: Recommended books are:H. G. Daellenbach & J. A. George, *Introduction to Operations Research Techniques* (Allyn and Bacon,1978); H. P. Williams, *Model Building in Mathematical Programming* (Wiley, 1977, available in paperback).

Students may also wish to consult:

R. L. Ackoff, *Scientific Method: Optimizing Applied Research Decisions*; R. L. Ackoff & M. W. Sasieni *Fundamentals of Operations Research*; L. V. Atkinson, *A Student's Guide to Programming in Pascal*; R. G. Brown, *Smoothing Forecasting and Prediction*; W. Gilchrist, *Statistical Forecasting*; G. Hadley, *Linear Programming*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; I. Irvine, I. Miles & J. Evans (Eds.), *Demystifying Social Statistics*; T. J. Johnson, *Professions and Power*; L. L. Lapin, *Statistics for Modern Business Decisions*; G. Majone & E. S. Quade (Eds.), *Pitfalls of Analysis*; A. M. Mood & F. A. Graybill, *Introduction to the Theory of Statistics*, E. Page, *Queueing Theory in O.R.*; J. R. Ravetz, *Scientific Knowledge and its Social Problems*; A. Sandberg, *The Limits to Democratic Planning*; M. Sasieni, A. Yasan & L. Friedman, *Operations Research: Methods and Problems*; D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*.**Examination Arrangements:** A single three-hour examination is held near the end of the Summer Term.This 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 randomly 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.

40% of the total assessment of the course is based on the examination paper - the other 60% is awarded as follows:

20% for the report and presentation mentioned above under **Operational Research Tutorial Class** (all members of a group receive the same mark).20% for an essay on a subject based on the **Operational Research Methodology** lecture course.20% 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.

SM8343

Techniques of Operational Research (Half-unit course)**Teacher Responsible:** Dr. Ray Paul, Room S109 (Secretary, Hazel Rice, S108)**Course Intended Primarily for** M.Sc. Operational Research.**Scope:** The course is compulsory for all M.Sc.

Operational Research students and gives an introduction to the theoretical techniques of Operational Research.

Syllabus: Basic Operational Research Techniques (SM351): An introduction to stock control, scheduling, queueing theory, replacement critical path analysis, dynamic programming, heuristics, markov chains, game theory and mathematical programming.

Applied Statistics and Forecasting Techniques for Operational Research (SM357): 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 **Elementary Mathematical Methods** and **Elementary Statistical Theory** of the Part I examination of the B.Sc. (Econ.) degree.

Teaching Arrangements:

SM351 18 Michaelmas Term

SM351(a) 18 Michaelmas Term

SM357 9 Michaelmas Term

SM357(a) 5 Michaelmas Term

Reading List: Recommended books are: H. G. Daellenbach & J. A. George, *Introduction to Operations, Research Techniques*, Allyn and Bacon, 1978.

Students may also wish to consult: R. L. Ackoff and M. W. Sasieni, *Fundamentals of Operations Research*; R. G. Brown, *Smoothing Forecasting and Prediction*; W. Gilchrist, *Statistical Forecasting*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; F. S. Hillier & G. J. Lieberman, *Operations Research*; I. Irvine, I. Miles & J. Evans (Eds.), *Demystifying Social Statistics*; L. L. Lapin, *Statistics for Modern Business Decisions*; A. M. Mood & F. A. Graybill, *Introduction to the Theory of Statistics*; E. Page, *Queueing Theory*; M. Sasieni, A. Yaspan & L. Friedman, *Operations Research: Methods and Problems*.

Examination Arrangements: A single three-hour examination is held near the end of the Summer Term. The paper contains seven questions, sampled randomly 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.

SM8344

Operational Research In Context (Half unit course)

Teacher Responsible: Mr. J. Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research, for which this constitutes a compulsory half-unit paper.

Scope: This course is designed to complement the theoretical emphasis of **Techniques of Operational Research** SM8343. 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.

Syllabus:

Operational Research Methodology (SM350): 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. 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 (SM358): A series of invited speakers present practical illustrations of O.R. in business or in public agencies.

Operational Research Tutorial Class: 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 end of the fourth week of the Lent Term. A one day session will be held during the second week of the Lent Term during which each student group will make a presentation of their report to the other students and the O.R. staff.

Financial Decision Analysis for Operational Research (Ac107): This looks at the theory and practice of long-run decision making in the firm: principles and applications of project appraisal methods; problems caused by capital market imperfections; implications of the relationship between risk and return, and the handling of risk and uncertainty.

Industrial Psychology (Ps166): Individual maturation and maladjustment. Factors leading to the formation of industrial groups. Morale and individual breakdown; co-operative and competitive situations; resistance to change. The nature of incentives. Supervisory and other leadership. Psychological and organisational factors in communication.

Basic Systems Analysis (SM365): 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.

Economics for Operational Research (SM366): An introduction to economics.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the undergraduate papers in **Elementary Mathematical Methods** and **Elementary Statistical Theory** of the Part I examination of the B.Sc. (Econ.) degree.

Teaching Arrangements:

SM350 10 × 2 Lent Term

SM358 15 × 1½ Michaelmas and Lent Terms

Ac107 12 Michaelmas Term. Ac107(d) 5 Michaelmas Term

Ps166 15 Michaelmas Term

SM365 10 Michaelmas Term. SM365(a) 10 Michaelmas Term

SM366 5 × 2 Michaelmas Term

Reading List: Recommended books (for **Operational Research Methodology**) are: R. L. Ackoff, *Scientific Method: Optimizing Applied Research Decisions*; J. Irvine, I. Miles & J. Evans (Eds.), *Demystifying Social Statistics*; G. Majone & E. S. Quade (Eds.), *Pitfalls of Analysis*.

Students may also wish to consult: M. Hales, *Science or Society? The Politics of the Work of Scientists*; T. J. Johnson, *Professions and Power*; J. R. Ravetz, *Scientific Knowledge and its Social Problems*.

A much 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 students should study Chapters 1-3 of *Principles of Corporate Finance* by R. Brealey and S. Myers (2nd edn., McGraw Hill, 1984) as necessary preliminary reading for *Financial Decision Analysis for O.R.*

Examination Arrangements: There is no formal examination for this course. Assessment weight of 40% is given to an essay on a subject based on the **Operational Research Methodology** course. Another 40% is given to the report and presentation mentioned above under **Operational Research Tutorial Course** (for which all members of a group receive the same mark). 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:

- Financial Decision Analysis for Operational Research;**
- Industrial Psychology;**
- Basic Systems Analysis;**
- Economics for Operational Research.**

SM8345

Computer Modelling In Operational Research (Half unit course)

Teacher Responsible: Dr. Ray Paul, Room S109 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: The course is compulsory for all M.Sc. Operational Research students and gives an introduction to simulation, computer software in O.R., and mathematical programming.

Syllabus:

Basic Mathematical Programming (SM353): (Professor A. Land). 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.

Workshop in Simulation and Computer Software (SM368): (Dr. R. J. Paul and Mr. D. Balmer). Computer simulation models, design of computer software in O.R., applications of microcomputers in O.R.

Pascal Programming (SM377): The syntax of the Pascal programming language. This course will be based on the video series of Programming in Pascal. **Pre-Requisites:** A knowledge of mathematics and statistics to the level of the undergraduate papers in **Elementary Mathematical Methods** and **Elementary Statistical Theory** of Part I examination of the B.Sc. (Econ.) degree.

Teaching Arrangements:

SM353 9 Michaelmas Term. SM353(a) 9 Michaelmas Term + 20 computer workshop hours

SM368 10 × 3 Michaelmas Term

SM377 29 September – 2 October and 5 Michaelmas Term.

Reading List: Recommended are: M. Pidd, *Computer Simulation in Management Science*; H. P. Williams, *Model Building in Mathematical Programming*, Wiley, 1977, available in paperback.

Students may also wish to consult: A. M. Law & W. D. Kelton, *Simulation Modelling and Analysis*; Naylor, Balintfy, Burdick & Chu, *Computer Simulation Techniques*; K. D. Tocher, *The Art of Simulation*; G. Hadley, *Linear Programming*; D. Smith, *Linear Programming Models in Business*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer Programming*.

Examination Arrangements: The course is examined entirely by course work and a project. The course is assessed as follows: ½ for a management report covering the results of a computer simulation program. The problem to be simulated is given during the second half of the Michaelmas Term for completion in the first two weeks of the Lent Term.

½ for mathematical programming written work from the lecture course.

Written work is marked on presentation as well as on content.

SM8346

Combinatorial Optimization (Half unit course)

Teacher Responsible: Andrew Harris, Room S106a (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: The course is intended as an extension of the **Graph Theory** course SM356, and will concentrate on Combinatorial Optimization.

Syllabus: Shortest path algorithms in networks, bipartite and non-bipartite matching, trees, blossoms, augmenting paths, various matching algorithms, and introduction to matroids. The course will also contain some material on graph theory, in particular, connectivity and colouring results.

Pre-Requisites: **Graph Theory**, SM356. **Mathematical Programming I** is desirable material.

Teaching Arrangements: SM386 16 Lent Term; SM386(a) 20 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: This subject is currently under development and so a definitive text is not available.

The two main reference books for the main part of the course will be *Combinatorial Optimization* by E. Lawler, and *Combinatorial Optimization* by C. H. Papadimitiou and K. Steiglitz (Prentice Hall, 1982). As concise reference material for the graph theoretic part of the course, Chapters 1-5 of B. Bollobas's book "Graph Theory; An Introductory Course" (Springer, 1979) should prove useful.

Examination Arrangements: Students will be assessed on the basis of a three hour formal examination in the Summer Term.

SM8347

Advanced Operational Research Techniques (Half unit course)

Teacher Responsible: Dr. John Howard, Room S209 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: 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).

Syllabus: Replacement Theory, Scheduling, Inventory Control, Queueing Theory, Game Theory, Dynamic Programming, and Heuristics.

Pre-Requisites: Statistics and Probability Theory to the level of the course **Elementary Statistical Theory**, Mathematics to the level of **Elementary Mathematical Methods**, Operational Research to the level of **Basic Operational Research Techniques**. Students must be prepared to use both micro and mainframe computers.

Teaching Arrangements: SM352 20 Lent and Summer Terms

SM352(a) 20 Lent and Summer Terms
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 (SM352a). The class teacher is usually the lecturer or a teaching assistant.

Reading List: Recommended books are: K. R. Baker, *Introduction to Sequencing and Scheduling*; R. E. Bellman & S. E. Dreyfus, *Applied Dynamic Programming*; R. B. Cooper, *Introduction to Queueing Theory* (2nd edn.); D. R. Cox & W. L. Smith, *Queues*; S. French, *Sequencing and Scheduling*; G. Hadley & T. M. Whitin, *Analysis of Inventory Systems*; 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.*

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 a question to obtain a reasonable mark on it. Copies of previous years' papers are available, but before 1985 the examination paper had a different structure.

SM8348

Further Simulation (Half unit course)

Teacher Responsible: Dr. R. J. Paul, Room S109 (Secretary, Hazel Rice S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: An introduction to research work in simulation.
Syllabus: 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 SM368.

Teaching Arrangements: SM374 30 Lent and Summer Terms

Reading List: As for SM8345 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.

SM8349

Computer Modelling for Operational Research (Half unit course)

Teacher Responsible: Mr. D. W. Balmer, Room S208 (Secretary, S107)

Course Intended Primarily for M.Sc. (Statistics) (half-unit)

Scope: 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.

Syllabus:
SM365 **Basic Systems Analysis:** 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.

SM368 **Workshop in Simulation and Computer Software;** Activity cycle diagrams, computer simulation models, stochastic input generation and output analysis. The course is taught with a strong emphasis on practical application. 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: SM365 10 lectures and 10 classes in the Michaelmas Term. SM368 30 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.

SM8350

Management Mathematics

Teacher Responsible: Jonathan Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. in Analysis, Design and Management of Information Systems.

Scope: 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.

Syllabus: Elements of Probability; Definitions and rules of probability; Bayes theorem; random variables and expectation; discrete and continuous distributions; simple stochastic processes.

Elements of Management Mathematics: Topics treated include critical path analysis, scheduling, theory of games, linear programming, decision analysis, dynamic programming, replacement, Markov chains, queues and stock control.

Pre-Requisites: Students need a basic fluency in mathematical manipulations such as is provided by **Basic Mathematics for Economists** or **Elementary Mathematical Methods**, or equivalent courses elsewhere. An exposure to statistical thinking at the level of **Basic Statistics** or above will also be an advantage (although the relevant material will be covered in SM313(a)). For students who have already studied mathematics and statistics to first year undergraduate specialist level and found them to be not too testing, **Elements of Management Mathematics** will be very restrictive mathematically. They should instead take **Operational Research Techniques and Applications**, 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: SM313(i) **Elements of Probability** 10 Michaelmas Term

SM313(ii) **Elements of Management Mathematics** 20 Michaelmas and Lent Terms

Classes: SM313(a) 20 Michaelmas Term, 10 Lent Term

SM313(b) Revision class, 5 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: 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); J. C. Turner, *Modern Applied Mathematics* (English Universities Press); A. M. Arthurs, *Probability Theory* (Routledge Kegan Paul); L. Lapin, *Statistics of Modern Business Decisions* (Harcourt Brace Jovanovich); T. H. Wonnacott & R. J. Wonnacott, *Introductory Statistics* (Wiley).

Students may wish to consult:

S. K. Gupta & J. M. Cozzolino, *Fundamentals of Operations Research for Management* (Holden-Day); M. S. Makower & E. Williamson, *Teach Yourself Operational Research* (English Universities Press).

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 three questions) covers SM313(i), while the second section (normally six questions) covers SM313(ii). Students are expected to attempt five questions, of which no more than two can be from the first section. Copies of previous years' papers are available.

SM8351

Advanced Mathematical Programming

Teacher Responsible: Professor A. Land, Room S114 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Accounting and Finance) 3 and 4e(ii). M.Sc. (Econometrics and Mathematical Economics) 2, 3 and 4g(ii).

Scope: The aim of the course is to take students who may be totally unfamiliar with the subject up to a stage at which they can read at least some of the recent research articles.

Syllabus: This course is a combination of the two half-unit courses SM8354 and SM8355 which should be consulted for details.

Examination Arrangements: This course will be examined as the courses SM8354 and SM8355.

SM8354

Mathematical Programming I (Half unit course)

Teacher Responsible: Professor A. Land, Room S114 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research). Also available for M.Sc. (Statistics) II.7.

Scope: To cover the use of mathematical programming models in practice, and an introduction to the theory and computational methods.

Syllabus: 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: SM353 9 lectures and 19 classes Michaelmas Term

SM354 16 Michaelmas and Lent Terms, SM354(a) 16 Michaelmas and Lent Terms

SM356 10 Michaelmas (approximately 6 lectures, 4 classes)

SM353 (also part of the course Techniques of O.R.). Introductory course - formulation of O.R. problems as mathematical programming models, solutions using computer packages, and interpretation of solutions. SM354 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): some special ILP models.

SM356 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*; Garfinkel & Nemhauser, *Integer Programming*; G. Hadley, *Linear Programming*; F. Harary, *Graph Theory*; T. C. Hu, *Combinatorial Algorithms*; A. Land & S. Powell, *Fortran Codes for Mathematical Programming*; C. L. Liu, *Introduction to Combinatorial Mathematics*; J. A. Pundy & V. S. R. Murty, *Graph Theory with Applications*; W. L. Price, *Graphs and Networks*; S. Vajda, *Readings in Linear Programming*; S. Zions, *Linear and Integer 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.

SM8355

Mathematical Programming II (Half unit course)

Teacher Responsible: Dr. S. Powell, Room S105b (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research).

Scope: 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.

Syllabus: 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): additional special ILP models (e.g. location problems).

Pre-Requisites: **Mathematical Programming I.**

Teaching Arrangements: SM355 16 Michaelmas and Lent Terms

SM355(a) 16 Michaelmas and Lent Terms

Lectures: SM355 **Mathematical Programming II.**

Classes: SM355(a) **Mathematical Programming II.**

Reading List: V. Chvatal, *Linear Programming*; R. Fletcher, *Practical Methods of Optimization* Vol. I, *Unconstrained Optimization*; D. Gale, *The Theory of Linear Economic Models*; W. Murray, *Numerical Methods for Unconstrained Optimization*; L. C. W. Dixon, E. Spedicato & G. P. Szego, *Nonlinear Optimization*; S. Vajda, *Theory of Linear and Non-Linear 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.

SM8356

Transport Models (Half unit course)

Teacher Responsible: Dr. S. Powell, Room S105b (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. Operational Research.

Scope: The course introduces students to the use and limitations of operational research and model-building in transport planning.

Syllabus: Economics for Operational Research (SM366): An introduction to economics. (This course is also part of the course **O.R. in Context**).

Transport Economics for Operational Research (SM387): consumer surplus, peak load pricing, congestion, urban transport models, queueing theory and traffic problems, demand analysis and forecasting. **Valuation of Intangibles (SM376):** how can money values be assessed for factors not bought or sold? E.g. time, recreation, health and pollution.

Cost Benefit Analysis (SM375): Cost benefit analysis as applied welfare economics and as a methodology for aiding decision making in the public sector. Methods of valuing costs and benefits, social discounting and inter-personal comparison. Examples.

Introduction to Operational Research in Transport (SM379): Various types of problems in both private and public transport to which operational research has been applied will be described. There will be a particular emphasis on models of traffic behaviour and public transport operation.

Distribution and Scheduling (SM373): applications of scientific techniques to the practical problems of siting, routing, scheduling and control.

Graph Theory (SM356): fundamental concepts in graph theory, planar and dual graphs, maximum-minimum problems in networks.

Pre-Requisites: A knowledge of mathematics and statistics to the level of the courses **Elementary Mathematics Methods** and **Elementary Statistical Theory** of the Part I examination of the B.Sc. (Econ.). An elementary knowledge of basic O.R. techniques and economic concepts is essential.

Teaching Arrangements: SM356 10 Michaelmas Term

SM366 5 × 2 Michaelmas Term

SM379 5 Michaelmas Term

SM373 5 Michaelmas Term (1986-87)

SM375 5 Michaelmas and Lent Terms

SM376 5 Lent Term

SM387 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; I. Heggie, *Transport Engineering Economics*, McGraw-Hill; D. R. Cox & W. L. Smith, *Queues*; A. A. Walters & D. L. Munby, *Readings in the Economics of Transport*; W. J. Baumol & D. F. Bradford, *American Economic Review*; 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. Layard (Ed.), *Cost Benefit Analysis*, Penguin Books 1972; P. Dasgupta, A. Sen & S. Marglin, *Guidelines for Project Evaluation*, U. N.; I. M. D. Little & J. A. Mirrlees, *Project Appraisal, and Planning for Developing Countries*; D. W. Pearce (Ed.), *The Valuation of Social Cost*, Allen and Unwin 1972.

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 three sections. Students are expected to answer four

questions only and no more than two questions from any one 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 three sections on the examination paper are made up of the following questions: Section A: two questions on Distribution and Scheduling, one question on Graph Theory, one question on Introduction to Operational Research in Transport. Section B: three questions on Transport Economics Treated Mathematically. Section C: three questions on Valuation of Intangibles and Cost Benefit Analysis.

SM8357

Urban Models

Teacher Responsible: Jonathan Rosenhead, Room S113 (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research) for which this constitutes a half-unit paper. Some elements also relevant to M.Sc. (Regional and Urban Planning Studies).

Scope: The course is intended to give an introduction to the potential and limitations of formal modelling for urban planning. Specific techniques, both 'hard' and 'soft', from operational research are described. In addition an introduction is given both to issues in urbanisation and urban policy, and to relevant aspects of economics.

Syllabus: Planning and design methods: the debates on planning theory, and on design methods, with special attention to the limitations of holistic methods; creativity versus quantitative methods; Alexander's method, the strategic choice approach (AIDA) and robustness analysis as methods which transcend some of the obstacles. The presentations will attempt to be provocative rather than definitive, and discussion will be encouraged. Lecture notes are provided for the more formal subject matter.

Land use models: simulation and optimisation models for the allocation of activities to land.

Facility location: mathematical models, mostly optimising, for the location of one or more facilities in 1 or 2-dimensional space; application to the location of warehouses, emergency services and health facilities; and to electoral redistricting.

Comparative studies in spatial policy: theories of contemporary urbanisation; current trends in European urbanisation; the policy process.

Elements of urban and regional economics (first three sessions): industrial and residential location decisions; the determination of urban rents and land values; the structure of the urban area; the urban labour market.

Cost-benefit analysis: as applied welfare economics and as a methodology for aiding decision-making in the public sector. Methods of valuing costs and benefits, social discounting and inter-personal comparison. Examples.

Teaching Arrangements: SM367 8 Lent Term, 2 Summer Term

SM378 5 Michaelmas Term

SM372 5 Lent Term

Gy309 10 Michaelmas Term

Ec400 3 × 1½ hours Michaelmas Term

SM375 5 Lent Term

Reading List: No one book covers the entire syllabus, even for one of the component courses. Students are advised to purchase: A. Faludi (Ed.), *Reader in Planning Theory*, Pergamon; J. K. Friend & W. N. Jessop, *Local Government and Strategic Choice*, Pergamon; R. Layard (Ed.), *Cost Benefit Analysis*. Students will find it useful to consult: C. Alexander, *Notes on the Synthesis of Form*, Harvard University Press; M. Batty, *Urban Modelling*, Cambridge University Press; E. J. Beltrami, *Models for Public Systems Analysis*, Academic Press; M. M. Camhis, *Planning Theory and Philosophy*, Tavistock; P. Dasgupta, A. Sen, & S. Marglin, *Guidelines for Project Evaluation*; B. Fay, *Social Theory and Political Practice*, Allen & Unwin; M. Greenberger, M. A. Crenson & B. L. Crissey, *Models in the Policy Process*, Russel Sage; A. J. Harrison, *Economics of Land Use Planning*; C. Lee, *Models in Planning*, Pergamon; I. M. D. Little & J. A. Mirrlees, *Project Appraisal and Planning for Developing Countries*; I. S. Lowry, *A Model of Metropolis*, Rand; B. Massam, *Location and Space in Social Administration*, Arnold; C. E. Pinkus & A. Dixon, *Solving Local Government Problems*, Allen & Unwin; A. Sandberg, *The Limits to Democratic Planning*, Liberforlag; A. J. Scott, *The Urban Land Nexus and the State*, Pion.

Examination Arrangements: There is a three-hour formal examination in the Summer Term. There will be questions relating to the material in each lecture course, but the precise breakdown has still to be decided. The questions are of essay type and do not require the development of mathematical proofs etc. Candidates are told to answer three questions.

SM8358

Workshop on Urban and Transport Models (Half unit course)

Teacher Responsible: Dr. S. Powell, Room S105b (Secretary, Hazel Rice, S108)

Course Intended Primarily for M.Sc. (Operational Research).

Scope: A practical course in quantitative model-building which includes an explanatory lecture course. **Syllabus:** Traffic generation, distribution, modal split and assignment models; models combining these. Evaluation of transport projects.

Pre-Requisites: A knowledge of mathematics and statistics to the level of courses **Elementary Mathematical Methods** and **Elementary Statistical Theory** of the Part I examination of the B.Sc. (Econ.). An elementary knowledge of basic O.R. techniques and economic concepts is essential.

Teaching Arrangements:

SM371: The course starts in the sixth week of the Michaelmas Term and comprises four two-hour sessions followed by eight 1½ hour sessions in the Lent Term. The Michaelmas Term consists entirely of lectures. The practical sessions based on projects undertaken by the students will be in the Lent Term. Lecture notes and introductory reading lists are provided. There will be an opportunity to meet O.R. practitioners in various urban and transport applications. During the workshop students will be expected to make two class presentations, one at the formulation stage of their project and the second at its completion. Tutorials will be given to individuals or groups of students to assist them in their project work.

Reading List: No one book covers the entire syllabus. Students are recommended to read the following: I. Heggie, *Transport Engineering Economics*, McGraw-Hill; R. Lane, T. J. Powell & P. Prestwood-Smith, *Analytical Transport Planning*, Duckworth; P. R. Stopher & A. H. Meyburg, *Urban Transportation Modelling and Planning*.

Examination Arrangements: All of the assessment of the course is based on the project, which is started towards the end of the Michaelmas Term for completion by the start of the Summer Term. The project is marked on presentation as well as content.

SM8359**Public Policy Analysis**

Teacher Responsible: Jonathan Rosenhead, Room S113 (Secretary, Hazel Rice, S108)
Course Intended Primarily for M.Sc. in Operational Research (for which it contributes the equivalent of two half-unit papers).

Scope: 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 governmental 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 25 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 be introduced by one of the 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 & J. Jessop, *Local Government and Strategic Choice*; H. Glennerster, *Planning for the Priority Groups*; M. Greenberger, M. A. Crenson & B. L. Crissey, *Models in the Policy Process*; C. E. Pincus & A. Dixon, *Solving Local Government Problems*; 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, the topic of which must be agreed with the course teachers.

SEA-USE COURSE

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 Study Guide(s) in which the syllabus and the reading list associated with the lecture or seminar can be found. The second part contains the Study Guides, presented in Study Guide number sequence.

Lectures and Seminars

*Lecture/
Seminar
Number*

*Study Guide
Number*

National and International Problems in Sea-Use Policy Making
 Professor D. Cameron Watt and Dr. Finn Laursen

SU4550

SU4450**National and International Problems in Sea-Use Policy Making**

Teachers Responsible: Professor D. Cameron Watt, Room E410 and Dr. Finn Laursen, Room E493 (Secretary, Mrs. M. Meakin, E402)

Course Intended Primarily for M.Sc. Sea-Use Law, Economics and Policy Making.

Scope: 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.

Syllabus: Topics covered by the course include offshore oil and gas, fisheries, protection of the marine environment, surveillance and enforcement, safety at sea, flags of convenience, the roles of the IMO and UNCTAD, marine regionalism, conflicts at sea, the UN and the development of the law of the sea, and deep seabed mining. What are the scientific services needed for improved policy making? How is policy making affected by the organisation of government?

Teaching Arrangements 14 lectures (SU300) and 14 seminars (SU301) in the Lent and Summer Terms. Students will deliver class papers and present essays on topics arranged at the beginning of the Lent Term.

Reading List: Books that cover various aspects of the

topics include: Jack N. Barkenbus, *Deep Seabed Resources* (Macmillan, 1979); R. P. Barston and 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); Ross Eckert, *The Enclosure of Ocean Resources* (Hoover Institution Press, 1979); Robert L. Friedheim (Ed.), *Managing Ocean Resources* (Westview, 1979); Frances W. Hoole *et al.* (Eds.), *Making Ocean Policy* (Westview, 1981); H. Gary Knight, *Managing the Sea's Living Resources* (Lexington Books, 1977); Finn Laursen (Ed.), *Toward a New International Marine Order* (Nijhoff, 1982); R. Michael McGonigle and Mark W. Zacher, *Pollution, Politics, and International Law* (University of California Press, 1979); C. M. Mason (Ed.), *The Effective Management of Resources* (Frances Pinter, 1979); M. B. F. Ranken (Ed.), *Greenwich Forum IX: Britain and the Sea* (Scottish Academic Press, 1984); 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); Oran Young, *Resource Management at the International Level: The Case of the North Pacific* (Frances Pinter, 1977).

Students are also referred to the following courses:
 Ac2150 **Financial Reporting and Management**
 Ec2520 **Economics for M.Sc. Sea-Use**
 LL6060 **International Law of the Sea**

Subject Index for Study Guides

- Abnormal Psychology Ps113
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 Administration, Theory and Practice Gv3035
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 America *see also* USA, North America, Latin America
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