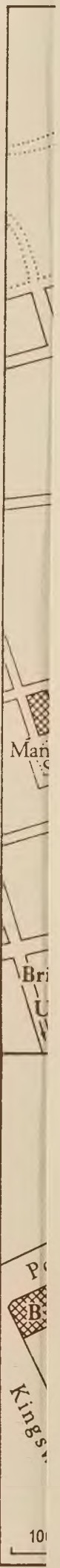


The London School of Economics & Political Science *Calendar 1968-69*





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

Calendar 1968-69

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Part I: General Information

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

Telephone Number: 01-405 7686

Telegrams: Poleconics, London, W.C.2

Office Hours for Enquiries:

Registry (Room H310)

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

Wednesday: 10.30 a.m. to 12.30 p.m.

Admissions Office (Room H301)

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

Timetabling Office (Room H306)

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

Wednesday: 10.30 a.m. to 12.30 p.m.

Graduate School Office (Room H203)

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

Wednesday: 10.30 a.m. to 12.30 p.m.

Official Publications:

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

Annual Report by the Director on the Work of the School

Handbook of Undergraduate Courses

The Graduate School

General Course Registration

Department of Anthropology

Department of Statistics, Mathematics, Computing and Operational Research

Joint School of Geography

Diploma in Development Administration

Department of Social Science and Administration

Diploma in Personnel Management

Professional Social Work Courses

Trade Union Studies

Graduate Studies in International Relations

Graduate Studies in Politics

Graduate Studies in Social Psychology

Regional and Urban Planning Course

Catalogue of Publications

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

Dates of Terms 1968-69

Michaelmas Term: Monday, 30 September to Tuesday, 10 December 1968 (Teaching begins Wednesday, 2 October)

Lent Term: Monday, 6 January to Friday, 14 March 1969

Summer Term: Monday, 21 April to Friday, 27 June 1969

Calendar 1968-69

(University functions in italics)

September 1968

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

Calendar 1968-69

October 1968

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

November 1968

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

December 1968

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

Calendar 1968-69

January 1969

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

Calendar 1968-69

February 1969

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

Calendar 1968-69

March 1969

1	S	
2	S	
3	M	
4	Tu	Staff Research Fund Committee, 4.30 p.m.
5	W	<i>Presentation Day.</i> Academic Board, 2 p.m. Appointments Committee, 4.30 p.m.
6	Th	
7	F	
8	S	
9	S	
10	M	Meeting of Professors of Economics, 3 p.m. Building Committee, 5 p.m.
11	Tu	
12	W	<i>Board of Studies in Economics, 2.30 p.m. Higher Degrees Sub-Committee of the Board of Studies in Economics, 4 p.m.</i>
13	Th	Library Committee, 2 p.m. (if required)
14	F	School Lent Term ends
15	S	
16	S	
17	M	
18	Tu	Admissions Committee, 10 a.m.
19	W	<i>University Lent Term ends</i>
20	Th	
21	F	
22	S	
23	S	
24	M	
25	Tu	
26	W	
27	Th	
28	F	
29	S	
30	S	
31	M	

Calendar 1968-69

April 1969

1	Tu	
2	W	School buildings close for Easter Holiday at 9.30 p.m.
3	Th	
4	F	Good Friday
5	S	
6	S	Easter Day
7	M	Easter Monday
8	Tu	
9	W	
10	Th	School buildings re-open at 9.30 a.m.
11	F	
12	S	
13	S	
14	M	
15	Tu	
16	M	
17	Th	
18	F	
19	S	
20	S	
21	M	School Summer Term begins
22	Tu	
23	W	<i>University Summer Term begins</i>
24	Th	
25	F	
26	S	
27	S	
28	M	Meeting of Professors of Economics, 3 p.m.
29	Tu	
30	W	Library Committee, 2 p.m. Graduate School Committee, 2.30 p.m. Standing Sub-Committee of the Appointments Committee, 4 p.m.

May 1969

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

June 1969

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

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

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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 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'.

Numbers soon rose; and in 1902 the School moved into its first purpose-built accommodation. The site was provided by the London County Council in Clare Market; the money for building was donated by Mr. Passmore Edwards and others. By 1913 the building was seriously overcrowded; and the School's subsequent history is a saga of rising numbers, constantly diversifying academic interests and too little space. In 1921 the School was recognised by the University Faculty of Laws; in 1922 by the Faculty of Arts; in 1963 by the Faculty of Science. Research and teaching have expanded from small beginnings into the complex range of disciplines set forth later in this Calendar. In 1921 the journal *Economica* was founded;

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in 1934 *Politica*, which ceased publication during the war. The Library has expanded likewise, until it is now, within its chosen fields, probably the finest collection in the world. And the School buildings, though they have not expanded in step with the needs implied by this growth have been added to and adapted so as to provide space for snack-bars and dining-rooms, homes for computers and statistical machines, meeting-rooms for student gatherings, and modest facilities for physical recreation, in addition to more accommodation for conventional academic needs.

There is a full account of the foundation of the School in *The History of the Foundation* by Sir Sydney Caine; and a survey of subsequent development in F. A. von Hayek, "The London School of Economics 1895-1945" *Economica*, February 1946.

Report by the Director on the work of the School during the Session 1966-67

Finance

As indicated in the report for the session 1965-66, the School's financial position in the last session was very seriously affected by the insistence of the government authorities that, as part of the prices and incomes freeze, we should abandon the implementation of an increase in fees for graduate students of which notice had already been given and which was in fact already beginning to be collected. This meant a loss of income of approximately £40,000 a year and inevitably it was very difficult to make compensating economies. When I wrote last year I expected that the result would be a significant deficit, but thanks to the loyal co-operation of all sections of the School in economy measures, the accounts for 1966-67 when finally presented are likely to show an almost exact balance between income and expenditure. The economy measures inevitably included the suspension of a number of additions to staff which had already been approved in principle. As a result teachers in the School who had expected some reduction of their teaching load had to continue to deal with an average number of students per teacher significantly greater than in other university institutions in this country. Indeed, the situation was worsened because of an unexpected increase in student numbers at the beginning of the session. The position was, however, cheerfully and loyally accepted and thanks to the efforts of the teaching staff there is no reason to suppose that students suffered in any way as a result of the financial pressure.

As indicated, the expected financial result of the last year was an almost exact balance of income and expenditure and over the whole quinquennium the School had a very modest surplus of about £8,000. This represents something of the order of one tenth of one per cent of the total income and expenditure of the quinquennium and the fact that we are able to keep the two sides of the account in such close balance is due to the flexible system of financial control which the School has for long operated.

Although the School had been denied the right to increase its own fees for graduate students, the government a few months later announced its decision that universities throughout the country should be pressed to increase fees for all overseas students to £250 a year for newly-registered students with a proviso that the increase for students already embarked on courses should be restricted to £50 a year. This decision of the government, taken without any prior consultation with the universities themselves, led to strong protests on behalf of the universities and of student bodies. Objection was taken alike to the procedure of decision without consultation, to the principle of discrimination between U.K. residents and overseas students and to the absence in the original proposals of any significant provision for dealing with cases of hardship. The School joined in these protests, but its opposition to the proposals was perhaps not as strong as those of some other critics because there was already a widely held opinion in the School that there ought to be, as recommended by the Robbins Committee, a substantial general

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increase of university fees and it was recognised that if such an increase should take place its effect on students from overseas was bound to be very much more considerable than it would be for U.K. residents, the great majority of whom could expect their fees to be covered by additional grants from public funds. In the upshot the government announced further measures for dealing with cases of hardship, but refused to abandon the original proposal. The universities as a whole, with the exception of Oxford and Cambridge (where the fee position is a good deal more complicated) and the University of Bradford, in the end decided to accept and implement the government decision under protest and the School fell into line with this. Arrangements have been made under which the additional income from the increased fees will in effect be surrendered to a central pool and redistributed between all the universities, presumably *pro rata* to the existing grants for recurrent expenditure. Any other arrangement would, of course, have resulted in very unequal financial effects because of the variation in the proportion of overseas students in different institutions. The School itself, of course, has a very large proportion of overseas students, so that the amount of additional fee income at issue was very considerable. If we had decided to refuse to make the increase we should still have been required by the University Grants Committee to suffer a loss of grant equivalent to the extra fee income which would otherwise have been obtained and this would have meant a loss to the School of something like £100,000 a year. As it is we may expect to receive some small increase in the recurrent grant available for 1967-68 but the amount of that is still very uncertain.

Fears were felt initially that the sharp increase of fees might result in a considerable reduction in the number of overseas students, but prospects now are that the reduction is not likely to be very great, although there may be a further increase in the proportion coming from the more developed as opposed to the less developed countries of the world, a change which has been going on for some time past and has already brought the proportion from the 'developed' world among the School's overseas students up to about 60 per cent compared with 40 per cent ten years ago. The arrangements for dealing with cases of hardship in accordance with the government's scheme are complicated and will impose a considerable burden on the administrative staff of the School, but I have no doubt that as usual those concerned in the Graduate School Office and the Registry will manage to cope with it.

For the future the financial outlook remains about as uncertain as it has ever been in recent times. The School was notified during the year by the University of London of a provisional grant for 1967-68, the first year of a new quinquennium. This provisional grant is subject to review in the light of further consideration of the position in the quinquennium as a whole and, as already noted, is likely to be increased to a small extent by the sharing out of the proceeds of the overseas students' fee increase. No indication has yet been given of the probable size of the grants for the remaining four years of the quinquennium which begins on 1 October 1967 and it is likely to be well into the new session before the grants for those years are notified. In the circumstances it has been impossible to take any firm decisions about plans for further academic development. Further complications have been introduced into the financial picture by a new system of equipment grants. In the past, grants for the provision of furniture and other equipment for new buildings have been made as capital grants associated with the grant for the building itself.

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In future, expenditure on equipment is to be met out of annual provision which is expected over a period of years to average out at about the same rate of expenditure as the capital grants under the old system. The transition from one system to the other is, however, proving to have considerable awkwardnesses, since institutions are expected to meet out of the new annual grants commitments which they have already incurred in the expectation of the receiving of *ad hoc* capital grants under the old system. In individual cases this can easily result in considerable embarrassment and the School itself finds itself in the position of having commitments in respect of building operations already completed or under way, exceeding the annual grant which it is to receive during the current financial period. There is hope that this situation will be resolved over a period of years but immediately it increases the tightness of the financial position.

Expansion of Numbers

The School had planned for an increase in numbers of full-time students between 1965-66 and 1966-67 of 132, comprising the last stage of the post-Robbins increase in undergraduates (equalling fifty-eight places) and the projected continuing expansion of postgraduate numbers (seventy-four places). In fact, as noted in last year's report, several of the less calculable influences which affect final registrations combined to bring about a shortfall of actual as compared with target numbers. In 1966-67, however, these incalculable factors worked in the opposite direction; the pendulum swung heavily the other way and the target for that session was exceeded by 134 (about 4½ per cent). Combined with the planned increase, the net result was an increase in registrations of no less than 345 or 13 per cent. The actual figures are:

	Full-Time Registrations			
	1965-66		1966-67	
	Target	Actual	Target	Actual
Undergraduate	1,609	1,649	1,667	1,778
Graduate	1,060	941	1,134	1,157
Total	2,669	2,590	2,801	2,935

The number of evening and occasional students varied comparatively little.

The large changes in the numbers of full-time students were due to a variety of causes, which in sum emphasise the administrative difficulties of working to precise targets. On the undergraduate side there was an unusually large number of admissions or re-admissions to the later stages of the B.Sc. (Econ.). While most students who fail the Part I examination are refused re-admission, it has long been policy to accept those with 'near misses', to re-admit students who have been excluded, but have since successfully re-sat Part I and to register students who have passed Part I after study elsewhere, but wish to take in Part II a special subject for which teaching is available only at the School. The numbers in all these categories chanced to be unusually large. In addition there was some excess offering of places for new registrations, relying on a percentage of withdrawals which did not mature. On the

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graduate side it was this latter factor which was the main cause of miscalculation. The shortfall in 1965-66 had been due to a high percentage of failures to take up places offered and in consequence the number of offers for 1966-67 was stepped up. Unfortunately the percentage of withdrawals fell substantially and far more of the places offered were taken up than had been expected. In both categories also the intense pressure of applicants too often persuades individual teachers to yield to pleas for special consideration, however eloquently they may on other occasions complain of the intolerable pressure on the School's accommodation. A great effort is being made to control actual registrations for 1967-68 more tightly but when allowance is made for late decisions about eligibility (dependent often on examination results not known until August or September) and scholarship and studentship awards (whether by U.K. agencies or overseas governments etc.) and for competing offers from other universities exact forward planning is very difficult.

Two other features of the registration statistics are noteworthy. First is the continuing rise in registrations for the new-style Master's degree. Numbers since it was introduced in 1964 have been:

Session	Registrations	
	Full-Time	Part-Time
1964-65	169	30
1965-66	260	67
1966-67	443	90

For 1967-68 full-time registrations for this degree may well exceed 450, and part-time registrations are likely to be 100 or more. The number of students being admitted annually to read for the M.Sc. is thus comparable with the number of those being admitted to read for Bachelor's degrees at the School, although the M.Sc. is normally a one-year course, whereas the Bachelor's degree takes three years.

Secondly, the proportion of overseas students which had fallen in 1965-66 rose sharply in 1966-67. The actual total was 1,240, including 1,042 regular students or about 35 per cent of the total student population, a rather lower percentage than prevailed a few years ago. The composition of this group of students has been changing, with larger numbers from North America and the 'developed' world generally and fewer from the developing countries; the following figures indicate the broad changes:

	1956-57	1961-62	1965-66	1966-67
Europe	149	217	161	168
North America	190	326	399	518
Australasia	27	42	34	48
Sub-total I	366	585	594	734
Asia	309	343	213	270
Africa	166	241	153	157
South and Central America	68	89	67	79
Others	1	3	1	—
Sub-total II	544	676	434	506
Total	910	1,261	1,028	1,240

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Much the most striking change has been the rise in the number of American students, predominantly postgraduate. The reasons are manifold, partly long-standing and partly new or transitory; they include the basic increase in the number of American graduates, the steadily increasing ease of travel, the comparative cheapness of university courses in the U.K., the attraction of the new-style Master's degree and, in some cases, the desire to defer military service.

Buildings

The School's second hall of residence, financed by the generosity of an anonymous donor (who has in all provided money for eight halls for London colleges at a cost of about £2,500,000), and named the Carr-Saunders Hall, was completed in the spring of 1967 substantially on schedule and occupied by students at the beginning of the Lent Term. A formal Inaugural Dinner was held on 13 June, attended by Lord Murray as representative of the donor, Mr. F. E. Harmer, Vice-Chairman of the Court of Governors and Chairman of the Building Committee and other guests. The design of the Hall by Messrs. Cusdin, Burden and Howitt has proved very successful and it appears to be proving very satisfactory to its occupants. The site, in Fitzroy Street, is very convenient and other student halls of residence have recently been built very close to it by University College, Middlesex Hospital and others. The total cost of the hall, including site and furniture, is about £410,000, of which £300,000 have been provided by the anonymous donor and £100,000 by the U.G.C. (The balance of about £10,000 is being treated as a capital advance from general School funds.) Accommodation is provided for 143 students; the capital cost per head of nearly £2,900 emphasises the high expense of housing students, especially in Central London.

Building work has as usual also been going on in existing buildings, principally in the adaptation of Connaught House to the School's purposes (including the installation of new lifts); minor adaptations to part of the Main Building, which has been handed over to the Library; a further modification of the Staff Dining Room and associated facilities on the fourth floor, which will add very useful additional space to the 'light lunch' area; and a complete remodelling of the students' third-floor snack bar.

More important for the future has been the commencement of the long-planned re-development on the Clement's Inn Passage site. After lengthy and complex negotiations with the U.G.C. on the one hand and the planning authority on the other, agreement was reached early in 1967 on plans which were within the U.G.C.'s increasingly strict cost limits, but which we hope will provide the School with a very useful and attractive complex of buildings including two towers, one of eight and the other of seven storeys, connected at all levels by a 'neck' across the passage, and a podium up to first-floor level extending over the whole of the site south of the passage. The total square footage of usable space will be about 35,000 feet representing an addition of about 13 per cent to the School's total floor area. Much the greater part of it will be allotted to accommodation for teaching staff and class rooms, but a new Board Room will be provided in the first floor podium and of course the space vacated elsewhere by academic departments which move into the new buildings will be used to meet part of the outstanding needs for other purposes, e.g. more library space and better student facilities. Work commenced on the already vacant site of the former Government Laboratory to the north of Clement's

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Inn Passage on 31 March 1967 and on the demolition of the old houses to the south of the passage shortly afterwards. Good progress has been made and there is every expectation that the new buildings will be in occupation in October 1969.

The temporary accommodation problem created by the necessary evacuation of staff from the old houses has been met by the earlier acquisition of Connaught House and by the leasing during last session of additional offices in a building on Portugal Street known as 20 Kingsway.

Much further thought has been given to what is still by far the biggest of the School's building problems, the provision of adequate accommodation for the Library. Although no definite conclusion has emerged it remains the hope of all concerned that a site not too far from the existing buildings can in due course be acquired. The financing of such a project will require help from the School's well-wishers on all sides; but if it can be brought to fruition it will meet the School's reasonable demands for space for some decades to come.

This report, the last I shall make on the School's building activities, happily coincides with the completion of ten years' work by the Building Committee under the chairmanship of Mr. F. E. Harmer. It has been a remarkably efficient committee and the debt its members have felt to Mr. Harmer for his chairmanship was marked by a small presentation to him during the Summer Term. I should like to record here my personal thanks to him for his great help in the many building and conversion operations of those years, in the course of which the space available to the School was increased by 80 per cent.

Administrative Organisation

A number of changes of detail has been made in the internal administrative structure of the School during the session and more far-reaching changes have been under discussion. I mentioned last year that I had circulated a memorandum, based on long discussions with various members of the staff, on a possible scheme of reorganisation of the School's system of committees etc. Put very briefly this envisaged the establishment of a pattern rather like that which is common to the typical U.K. university of today outside Oxford, Cambridge and London, according to which the functions of the Standing Committee of the Court of Governors would be taken over by a Council with rather more academic representation, while the executive functions of the Academic Board and the Appointments Committee, together with certain functions of co-ordination of policy not at present clearly belonging to any committee, would be entrusted to an 'Academic Senate'.

My memorandum was discussed during the Michaelmas and Lent Terms by the Academic Board and the Court of Governors and the general line of its proposals was provisionally accepted. The Court and the Academic Board agreed to set up a joint committee to examine the proposals in more detail and submit specific proposals. It was clear from the preliminary discussions that careful thought would have to be given to the precise composition of the Academic Senate and to the future role of the Academic Board and perhaps also to the exact role in future of the Court. The special committee set up to examine this scheme did not actually commence its work until the very end of the Lent Term and while it made a certain amount of progress during the Summer Term and the vacation, it had not reached by the end of the session a position in which it could present a report. The general consideration of the shape of the School's system of internal government was in fact overtaken

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by the events of the session concerning relations with the students, and the Committee has had to take into account proposals emanating from the student body for very drastic changes aimed at giving student representatives an equal share with the academic body in the School's government. Although neither the Court of Governors, the Academic Board nor the Machinery of Government Committee itself has been disposed to accept the principle of the more extreme student proposals the Machinery of Government Committee decided at the end of the Summer Term that it would be desirable, in order that there could be full understanding of the student point of view, to co-opt a number of student representatives to join in their discussions.

Although, as indicated, no conclusions have yet emerged on the general shape of the School's administrative system in future, the Machinery of Government Committee has made certain interim recommendations on the purely administrative side which have been accepted by the Governors of the School. These are proposals for the appointment of a Pro-Director to assist and, if need arises, to act on behalf of the Director; and of a Dean of Undergraduate Studies. The first post is intended to be definitely a part-time one, occupied for a limited period of time by a senior professor who will continue his ordinary academic work. The second is intended to be filled by a member of the academic staff, but to be of a much more full-time character. Its holder will be concerned with the general supervision of the organisation of teaching for undergraduate degrees and also with arrangements for the academic care and well-being of undergraduate students. It was announced at the beginning of August that Professor H. C. Edey had been appointed as Pro-Director and Dr. P. S. Cohen as Dean of Undergraduate Studies, both with effect from 1 October 1967.

Simultaneously, but arising partly from a separate development, a change has been made in the Secretaryship of the School. Mr. H. Kidd, who had occupied the post of Secretary with great distinction since 1954, was offered the office of Bursar of St. John's College, Oxford and resigned with effect from 1 August 1967. After consultation with the Machinery of Government Committee and with Dr. Walter Adams as Director-designate, the Standing Committee decided that, having regard to the growth of the administrative burdens in the School and to the anticipated future general committee structure, the responsibilities hitherto falling to the Secretary should be divided between two officers of equal status, provisionally designated Academic Secretary and Financial Secretary. Mr. J. Alcock, Registrar of the School, has been appointed as Academic Secretary from 1 August 1967 and Mr. J. Pike, until 1966 Financial Secretary, Sarawak, has been appointed as Financial Secretary from 1 October 1967.

It would sound uncomplimentary to Mr. Alcock and Mr. Pike to say that their combined talents will be needed to replace Mr. Kidd, but it is little exaggeration to say that he has long done the work of two men. Only those who, like myself, have worked in daily contact with him can fully appreciate his devotion to the School and the ingenuity and wide knowledge both of the School and other university institutions which he brought to bear on its problems.

Two other changes of administrative arrangements have arisen quite independently. A year or two ago the prospective retirement of the Careers Adviser, Commander D. Warren-Evans, led to a re-examination of our organisation for advising students on appointments. It was decided that the most efficient arrange-

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ment would be to ask the University of London Appointments Board to take over the work on the understanding that one or more of their staff would be allocated primarily to School work and would spend most of his time here. Satisfactory agreement was reached and the transfer of responsibility took place during the Summer Term, 1967, the Board having allotted two of their staff to the School. The other change relates to computer services. The School has a small computer or data-processing installation of its own and has access to the University's central computer. Before long the University expects to have improved central equipment and the School expects to be provided, jointly with King's College, with a direct link to the University Computer Centre. Use of these facilities for research, for administration purposes and for teaching is constantly increasing. Hitherto they have been under the control of the Statistics Department, but it is clear that they ought to be regarded as a central service available to all departments as the Library is. Accordingly a Computer Manager, Mr. F. F. Land, has been appointed, who will combine that function with certain special teaching and research functions in this field; and the general control has been placed under a Computer Services Management Committee, under the Chairmanship of Professor A. Stuart, Professor of Statistics, with a separate Computer Users Committee to serve as a channel for representations and suggestions from users of the computing facilities.

Academic Affairs

Reference was made in last year's report to the new policy of the University of devolution to constituent schools and colleges of responsibility with regard to degree regulations and we have in the past year been enjoying what might be regarded as the early fruits of this policy in that we have now seen through the first year of college-based degrees in law, social anthropology and geography, the last two being based on the new course unit system. Additional responsibilities fall on the Registry in making administrative arrangements for such college-based degrees, including examinations at the end of the year, but we have been fortunate in being able to experiment on a small scale in the first place. During this session arrangements were also completed for the commencement of teaching in 1967-68 for the new degrees in mathematics and modern languages to which reference was made in last year's report.

The School now teaches for a fairly considerable variety of degrees involving overlapping in a number of particular disciplines; and the devolution of responsibility opens the way to at least a possibility of rationalisation and integration of these various degrees. A special committee has been set up to consider these possibilities, but is not yet in a position to present a report. There are obvious difficulties in a complete systemisation, bearing in mind the different needs and interests of different subjects, but if greater co-ordination could be introduced it would, among other things, facilitate the organisation and the improvement of teaching.

The committee set up by the University under the chairmanship of Sir Owen Saunders which recommended the devolution of authority already referred to also proposed a substantial revision of the structure of faculties, boards of studies etc., within the University for the control and co-ordination of degree regulations. Discussion of these proposals continued during the session without any final conclusions being reached and it appears likely that the changes ultimately agreed

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will be less extensive than originally recommended by the Saunders Committee. It remains, however, a firm intention to introduce changes which, while not diminishing the authority of the individual schools and colleges, will produce a more effective exchange of information between them and co-ordination of their activities. The very fact of greater independence in many ways increases the need for developing the machinery of voluntary co-operation, and the pressure on the total resources available to universities makes it all the more necessary that both within the complex of London and within the university system as a whole, there should be arrangements to ensure that there is not too much overlapping and dispersion of activity. This is particularly prominently in mind in the case of postgraduate studies, and the influence of the University Grants Committee and the Social Science Research Council is likely to be increasingly exercised in the direction of greater co-ordination between the activities of different university institutions in these fields.

Reference has already been made to the rapid development of the new-style Master's degree. The very great growth in the numbers taking the M.Sc. testifies to its popularity. Those concerned with it are on the whole satisfied with the courses from the academic point of view, but experience is indicating a number of points of detail where modifications may be desirable. More widely, the unexpectedly rapid growth in the numbers taking this degree makes it necessary to consider more closely than was thought necessary at first how large a share of the School's resources should be devoted to this level of work as against undergraduate teaching on the one side and research on the other, and to review the nature of the demand made by Master's degree students on those resources, including both teaching and library facilities. It is intended, therefore, to initiate shortly a review of the new Master's degree arrangements.

Meeting pressure of demand for full degree courses both at the undergraduate and postgraduate levels has, a good deal to my own regret, led to a diminution in the relative importance in the School's activities of teaching of a less orthodox character. As foreshadowed in last year's report, it was decided during the session to admit no further students for evening teaching for first degrees after 1966-67, although part-time students will continue to be admitted for higher degrees, so that the School's tradition of part-time academic work will not be lost. Another consequence of the general pressure has been the restriction of the numbers of students admitted as what are called General Course students, i.e. full-time students not taking a prescribed course, and as Occasional students, i.e. students attending simply one or two selected courses of lectures. Furthermore, it has been decided to discontinue the diplomas in business studies and operational research and the overseas option of the social administration diploma (two-year course); and the foreign service course is also being discontinued as from October 1967. My personal feeling about these developments is one of considerable regret because it seems to me that the School is in danger of losing its tradition of comparatively informal and varied teaching. In the past it has been easy for students to come to the School without being tied to any formal course at all on the one side and on the other to take courses designed very particularly for a special category of students, and generally with a strongly vocational flavour. Examples of the latter kind are, of course, the special arrangements made before the first world war for army officers, the former special course for railway students, the participation by the School in

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the training of colonial service cadets, and later of the nationals of newly independent countries going into their own civil services and, of course, the wide range of courses developed on the side of social administration. It was a characteristic of such courses that, while designed to meet specific outside needs, they called upon the resources of more than one of the disciplines represented in the School, so making full use of its varied resources. Today, the School seems to be concentrating more and more on formally prescribed courses of a more strictly academic character and mostly of specialised type. It thus is in danger of losing both its special character as a place of great variety and its capacity and willingness to experiment, to initiate, and to bring together a variety of subjects in one teaching course. We can only hope that these fears will prove to be ill founded and that the possibilities of a new development and experimentation within the confines of formal degree structures will be fully utilised in the future.

Research

As the list of special donations and grants indicates, the School has continued to receive a great deal of outside assistance towards research. Much of this goes to the general support of distinct research units or to the financing of specific projects undertaken by such units, but grants are also received from foundations, the research councils and government departments for the support of smaller projects undertaken by or under the supervision of individual members of staff. The funds which the School itself is able to make available for research go mainly to the support of projects of the latter kind, but on occasion the School has provided funds for the general support of the larger units. These separately organised units include the Unit for Economic and Statistical Studies on Higher Education, the Medical Research Council Unit for the study of Environmental Factors in Mental and Physical Illness, the Greater London Group; the Survey Research Centre, the Rees Jeffreys Research Unit in the Economics of Transport, the Building Management Research Unit, the Management Studies Research Division and the Operational Research Unit.

Expenditure on research has been increasing more rapidly than any other part of the School's expenditure, as shown by the following figures:

	<i>Research Expenditure</i>		
	(1)	(2)	(3)
	<i>From School Funds</i>	<i>From Special Grants</i>	<i>Total</i>
1961-62	£21,069	£76,337	£97,406
1962-63	£24,168	£120,335	£144,503
1963-64	£36,812	£98,592	£135,404
1964-65	£48,621	£106,009	£154,630
1965-66	£55,085	£147,199	£202,284
1966-67	£60,502	£197,408	£257,910

Another measure of the significance of research activity is that at 31 December 1966 the full-time research staff consisted of fifteen Research Fellows, thirty-one Research Officers (or Senior Research Officers) and fifty-five Research Assistants.

While this growth is in many ways welcome, its scale has begun to cause concern. The demands it makes on space are considerable. It is true that most of the staff can be accommodated in rooms rented in neighbouring buildings and we

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try always to get provision for accommodation costs included in grants; but not all grant-awarding bodies are prepared to approve such provision. This is especially true of the research councils and other government agencies, which now provide most of our special grants, where the tradition lingers that universities can always find space as part of their contribution to a project. Secondly, even if individual rooms can be rented and charged to special accounts the research staff adds to the demands on and the congestion in catering facilities, common rooms, library etc., and to the work of the Accounts Department and other sections of the administration. Thirdly, an apprehension has developed that, in particular instances, the supervision of the work of special research units involves a degree of distraction from teaching functions beyond that conventionally accepted for research activity.

In consequence of these anxieties the administrative arrangements for the scrutiny of applications for new research grants have been tightened up and the Appointments Committee has set on foot a more systematic examination of the criteria which should guide the School in deciding whether to sponsor new projects. It is contemplated, *inter alia*, that the Research Committee, which has hitherto been concerned only with the allocation of the research funds provided by the School itself and therefore mainly with small-scale projects, should have wider functions.

Publications

During the session new arrangements were approved for publications made or sponsored by the School. Since 1952 the most important single channel for publication has been through G. Bell and Sons Ltd., who have issued in all twenty-two titles for the School; but there has been a number of other series, including two series of lectures and two series of books published through the Athlone Press (University of London) and various other departmental series, made through other publishers or published and sold from the School itself. In all cases financial responsibility rested with the School. Apart from one or two individual series and the automatic publication of certain lectures, the School has adopted a passive policy and publication through the School has been looked on rather as a last resort when commercial publishers are not interested.

The Publications Committee concluded that the aims should be to concentrate the School's publishing rather more; to adopt a more active policy of encouraging staff members to publish through the School and of promoting new publications; and to enlarge the scope of the operations by making arrangements with a publisher who would be willing to undertake part of the responsibility of financing. As announced in July 1967, agreement has been reached with George Weidenfeld and Nicholson Ltd., for books to be published in future under the joint imprint of the School and the firm. It is contemplated that the titles to be published will cover the whole range of academic publishing in the social sciences.

Student Welfare

Opportunity was taken of the move into Connaught House to provide better and larger accommodation for the student medical service, utilising facilities already existing in the building. Space has been found also for a dental service, based on an arrangement with a dental practitioner under which no cost falls on the School. As Dr. Read, the School psychiatrist, now has regular part-time assistance from

Report by the Director

Dr. Wilkinson, the student population is very well served on the medical side.

Towards the end of the session the Student Health Committee had before it a proposal for the establishment of a day nursery to provide for children of both students and staff at the School; with the growing number of more mature students and earlier marriages it appears that a substantial demand for such a facility already exists. The School is prepared to look sympathetically on the project, but can not at present provide space for it, and it seems probable that if the project goes forward it will be organised independently and on a self-supporting basis.

An area of growing concern is that of housing for students. Passfield Hall and Carr-Saunders Hall together provide nearly 320 places and the School's two converted houses at Anson Road and Carleton Road, Tufnell Park provide twenty flats for married students; but these provide for only a small proportion of those needing accommodation. Places available in University halls are also slowly increasing, but these various improvements have been more than offset by the overall increase in student numbers and the decline in the number of lodgings effectively available within reasonable travelling distance. Anxiety about the practicability of meeting the demand therefore increases every session. A few years ago not too much anxiety was felt about the position of women students, but their accommodation position has greatly deteriorated lately. Accordingly it has been agreed to make part of Passfield Hall (the Taviton Street annexe) available to women.

One of the most constructive activities of the Students' Union during the session was the conducting of a survey of student residential needs. This has given much useful information and ideas and a joint committee has been set up with students to consider what practical action the School can take. Among the possibilities to be reviewed will be that of building accommodation of the flatlet type, rather than traditional collegiate halls, on a self-supporting financial basis. Plans of this kind are being discussed at other universities, but the problems both of site and finance are unfortunately likely to be particularly difficult in London. The creation by the School, together with other institutions in London, of a company known as Afsil, primarily to provide flats for more mature and married students, was mentioned in last year's report and some progress has been made during the year with several schemes to be undertaken by that body.

These problems of accommodating students away from their homes must raise doubts about the policies which have in recent decades very powerfully encouraged students to go to any university other than the one nearest to them. The student grant system, by covering the anticipated cost of lodgings, has largely removed any financial obstacle to such movement; indeed in some cases it may provide a positive incentive because the grant is so much lower for a student living at home. Unfortunately this effect of the grant system has not been complemented by any positive policy of government financing of additional residential accommodation, which has been mainly left to the chances of private benevolence. Consequently a high proportion (especially of London students) end up, not in the collegiate hall of their dreams, but in lodgings miles from their place of study. Whatever the benefits to students of living in some kind of collegiate atmosphere, it is very doubtful whether most of them are better off, academically or in any other way, living in lodgings rather than at home. The costs of student residential accommodation, including site, furnishing and all incidentals, are high, as noted above in the

Report by the Director

reporting on Carr-Saunders Hall, and it is not realistic to expect anything approaching 100 per cent institutional accommodation for all students living away from their homes. A re-examination of all aspects of student residence, including the effects of the present practical effect of various policies in encouraging students to go to distant universities rather than one near at hand, is overdue; and it is satisfactory that the Vice-Chancellor's Committee is turning its attention to the problem.

It was reported last year that the Academic Board had set up a committee to examine the general question of the relations of the School with its students. That committee decided to begin by trying to ascertain what were the matters about which students were in fact worried or discontented, and a survey of individual student views was consequently arranged. This showed that the majority of complaints arose out of academic relationships – arrangements of teaching, access to tutors etc. These were matters of which very little had been heard from the Students' Union officials who had been accepted as the ordinary channel of communication for student complaints, but the committee felt it important that action should be taken to seek remedies for any defect in the teaching organisation. The general findings of the survey were communicated to academic departments in the Michaelmas Term and discussions were begun with student representatives. These latter discussions were interrupted by the disturbances of the Michaelmas and Lent Terms, and it was not until the spring of 1967 that a formal report was made to the Academic Board. Individual departments had, however, already begun to examine and to improve their own arrangements on the basis of the report made to them in the Michaelmas Term, and a good deal was done in detail during the session. This is not a field for one single, simple reform, or for uniform action in all departments, but in a number, new arrangements (through special committees and otherwise) have been made for consultation with students and for the voicing of student complaints, and a number of changes are being made to clarify the relationship of students with their tutors and to make sure that responsibilities on both sides are more fully understood.

Staff Changes

The financial stringency already mentioned severely limited the scope for new senior appointments and promotions above the rank of lecturer. In consequence no recommendations were made for the creation of new chairs or conferment of professorial title in 1967. Two appointments to Chairs in Economics, to take effect on 1 October 1967, had been made earlier, i.e. of Professor W. M. Gorman, Professor of Economics in the University of Oxford and Mr. F. H. Hahn, Lecturer in Economics, University of Cambridge and Fellow of Churchill College. There was one professorial retirement at the end of the session, that of Professor W. N. Medlicott, from the Stevenson Chair of International History, which he had held with such distinction since 1953. Mr. J. B. Joll, Lecturer in Modern History, University of Oxford and Fellow and Sub-Warden of St. Anthony's College, was appointed to succeed him as from 1 October 1967. Miss J. Kydd also retired at the end of the session after thirty-five years in the Department of Social Administration. She will be greatly missed in that department, and in the School at large where she has helped greatly on committees such as the Building Committee and latterly as Adviser to Women Students. The resignation of Mr. H. Kidd and the retirement

Report by the Director

of Commander Warren-Evans have been noted already. A loss, we most sincerely hope, of a temporary kind was that of Professor C. A. Moser, who has been given three years' leave of absence from his Chair of Social Statistics to take up the post of head of the Government Central Statistical Office.

As usual there was a number of changes at less senior levels as shown in Appendix II. The departure of valued members of the staff to take up more senior appointments elsewhere is always a matter of regret, but this mobility is an inevitable result of the still rapid growth in the social studies and certainly helps to prevent stagnation. The prospect of it no doubt helps recruitment and, although there are inevitably always a few unfilled posts, the School has experienced no major difficulties in attracting staff of good quality.

Obituary

Reference has already been made in last year's report to the death of Sir Alexander Carr-Saunders, former Director of the School. A memorial service was arranged by the School, at the request of Lady Carr-Saunders, at St. Martin-in-the-Fields and was very well attended. The Memorial Address then given by Mr. W. F. Oakshott has been reprinted together with *The Times* obituary and supplementary tributes; and copies are available to friends who may desire them. Sir Alexander's great services to the School are commemorated by the naming after him of the new hall of residence.

Other losses include two Governors, Sir George Reid and Sir Hugh Beaver; the latter had been particularly active as a member of the Building Committee and was elected an Honorary Fellow in 1960. Another Honorary Fellow who died last year was Sir Rampersad Neerunjun, Chief Justice of Mauritius. Mr. N. M. Ekserdjian, who died very suddenly during the summer, had been a particularly devoted old student and will be much missed in both the L.S.E. Society and the Council of the Friends of the L.S.E.

Sydney Caine October 1967

Annual Accounts 1966-67

Report of the Auditors

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

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

In our opinion and to the best of our information and according to the explanations given us the said accounts give the information required by the Companies Act, 1948, in the manner so required and the Balance Sheet gives a true and fair view of the state of the company's affairs as at the 31st July, 1967 and the Income and Expenditure Account gives a true and fair view of the income and expenditure for the year ended on that date.

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

Coventry House, South Place,
Moorgate, E.C.2
3rd November, 1967

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

Balance Sheet

1965-66		FUNDS AND LIABILITIES	
£	£	£	£
	690,432	Freehold Land and Buildings Fund	690,432
	213,008	Rockefeller Endowment Fund	213,041
	309,983	Trust Funds (Schedule No. 5)	296,458
		Other Funds and Current Liabilities	
101,515		Special Funds (Schedule No. 6)	124,684
		Provision for Equipment and Repairs	—
4,000		Sundry Creditors	176,697
124,373		Receipts in Advance	13,765
81,304		Bank overdraft	14,752
—			—
311,192			329,898
3,602		General Reserve	3,602
		Surplus on Income and Expenditure Account	14,361
8,079			—
—	322,873		347,861

BRIDGES, *Chairman*
F. E. HARMER, *Vice-Chairman*

£1,536,296

£1,547,792

31st July, 1967

1965-66		ASSETS	
£	£	£	£
	690,432	Freehold Land and Buildings (Schedule No. 4)	690,432
		(Buildings valued for insurance at £871,465)	
131,942		Rockefeller Endowment Fund	
		Investments (Schedule No. 1)	129,670
13,968		Freehold Property— 31 John Adam Street, London (Building valued for insurance at £25,000)	13,968
49,122		Loan for Anson Road and Carleton Road Hostels	51,771
3,010		Loan for PABX installation	2,060
10,000		Loans for Housing	10,000
4,966		Cash at Bank	5,572
—	213,008		213,041
277,279		Trust Funds	
		Investments (Schedule No. 2)	274,974
		Freehold Property— 111/112, High Street, Gosport, Hants. (Building valued for insurance at £47,450)	8,845
8,850		Cash at Bank	12,639
23,854	309,983		296,458
—		Other Assets	
26,533		Investments (Schedule No. 3)	53,840
10,665		Loans for Housing	15,770
188,441		Sundry Debtors	171,823
		Payments in advance and Other Assets	106,428
73,960		Cash at Bank and in Hand	—
23,274	322,873		347,861

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

£1,536,296

£1,547,792

Income and Expenditure Account

1965-66		EXPENDITURE	
£	£	£	£
1. Administration and Common Services			
129,635		147,562	
50,486		44,361	
1,556		2,456	
————	181,677	————	194,379
2. Departmental Maintenance			
		806,309	
730,210		60,503	
55,085		197,454	
147,199		103,405	
84,590		30,409	
23,100	1,040,184	————	1,198,080
3. Library			
89,987		97,064	
152		163	
37,485		43,308	
————	127,624	————	140,535
4. Maintenance of Premises			
25,637		28,722	
77,567		93,963	
3,449		4,819	
28,485		29,793	
11,908		19,927	
49,850		45,517	
101,990		111,985	
————	298,886	————	334,726

for the year ended 31st July, 1967

1965-66		INCOME	
£	£	£	£
1. Endowments			
(a) Appropriated for particular purposes:			
500		500	
239		152	
8,535		7,561	
1,176		857	
154		—	
131		156	
50		50	
569		610	
831		638	
1,360		1,387	
120		122	
683		696	
122		108	
————	14,470	————	12,837
(b) Appropriated for general purposes:			
132		135	
17,543		18,042	
————	17,675	————	18,177
2. Donations and Subscriptions			
(a) For Research (Schedule No. 7)			
147,199		197,454	
(b) For other purposes (Schedule No. 8)			
21,285		24,406	
————	168,484	————	221,860
3. Grants from University Court			
General			
1,238,500		1,335,000	
13,198		41,477	
—		321	
55,972		100,838	
3,824		4,055	
4,500		5,000	
—		300	
————	1,315,994	————	1,486,991
4. Fees			
Tuition			
183,905		208,962	
368		421	
————	184,273	————	209,383

Income and Expenditure Account

1965-66		EXPENDITURE		
£	£		£	£
		5. Educational Expenses		
1,556		Examinations	1,906	
758		Public Lectures	129	
3,835		Publications	4,034	
4,985		Studentships, scholarships and bursaries	5,772	
2,741		Contribution to Universities' Central Council on Admissions	2,692	
	13,875			14,533
		6. Student Facilities and Amenities		
10,915		Grants to Unions and Union Societies	11,909	
11,029		Athletics Ground Maintenance	8,919	
5,288		Careers Advisory Service	5,427	
8,484		Medical Services	9,109	
2,546		Students' Hostels:		
	38,262	Salaries of Wardens	2,967	
				38,331
		7. Capital Expenditure met from income		
		8. Other Expenditure		
100		Benevolent Fund	100	
		Hospitality and Entertainment allowances	7,739	
6,738		Reception of Freshers	778	
686		Pensions met from General Income	12,888	
11,828		O. & M. Survey	—	
1,428		Sundry Expenses	4,716	
1,393				26,221
	22,173			
		9. Transfers to Special Accounts		
		Rates Suspense	20,445	
		Provision for Library, Research and Departmental budget un-expended balances	16,831	
7,010		Management Studies	4,602	
	7,010			41,878
		TOTAL EXPENDITURE	1,988,683	
1,729,691		Excess of income over expenditure c/d	6,282	
13,584				£1,994,965
	£1,743,275			
		Deficit from previous years	—	
5,505		Surplus carried forward	14,361	
8,079				£14,361
	£13,584			

Note: The aggregate amount to be disclosed under

for the year ended 31st July, 1967—continued

1965-66		INCOME		
£	£		£	£
		5. Contributions received for Services Rendered		
			9,336	17,375
		6. Miscellaneous		
941		Interest received		2,247
3,077		Rents		3,931
966		Sundry Receipts		1,167
	4,984			7,345
		7. Transfers from Special Accounts		
		Business Administration		417
443		Management Studies		7,010
6,021		Rates Suspense		13,570
21,595				20,997
	28,059			
		TOTAL INCOME	1,743,275	1,994,965
		Excess of income over expenditure b/d	13,584	6,282
		Surplus from previous years	—	8,079
	£13,584			£14,361

Section 196 (1) of the Companies Act 1948 is £7,055.

74 **Investments held at 31st July, 1967**

SCHEDULE NO. 1

ROCKEFELLER ENDOWMENT FUND:

	COST		MARKET VALUE	
	£	%	£	%
1. QUOTED				
British Government Stocks and Stocks of Other Public Authorities	1,374	1.1	944	0.4
Debentures and Loan Stock	1,970	1.5	1,990	0.9
Preference	7,250	5.7	3,437	1.5
Equities	117,026	91.7	218,574	97.2
TOTAL OF QUOTED INVESTMENTS.....	127,620	100.0	224,945	100.0
2. UNQUOTED.....	2,050			
TOTAL CARRIED TO THE BALANCE SHEET.....	129,670			

SCHEDULE NO. 2

**INVESTMENTS HELD FOR TRUST FUNDS:
A. GENERAL (NARROW POWERS) POOL**

	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUB- SEQUENT COST		MARKET VALUE	
	£	%	£	%
1. QUOTED				
British Government Stocks	45,474	25.1	38,893	21.7
Debentures	54,451	30.0	45,425	25.9
Equities	81,447	44.9	94,547	52.4
TOTAL.....	181,372	100.0	178,865	100.0

The General (Narrow Powers) Pool consists of 175,794 investment units. At 31 July 1967 the market value of the investments held plus cash in hand represented a value for each unit of 20s 8d. The units are held for the following trusts:

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

B. CAPITAL EXPENDITURE (NARROW POWERS) POOL

	MARKET VALUE AT 31 MARCH 1963 (WHEN POOL WAS FORMED) OR SUB- SEQUENT COST		MARKET VALUE	
	£	%	£	%
QUOTED				
British Government Stocks	16,026	70.5	15,945	67.1
Debentures	2,193	9.6	2,301	9.7
Equities	4,524	19.9	5,528	23.2
TOTAL.....	22,743	100.0	23,774	100.0

76 **Investments held at 31st July, 1967—continued**

The Capital Expenditure (Narrow Powers) Pool consists of 26,352 investment units. At 31 July 1967 the market value of the investments held plus cash in hand represented a value for each unit of 20s. 8d. The units are held for the following trusts:

NAME OF TRUST	NO. OF UNITS HELD
Department of Business Administration.....	4,536
Chair of Economics of Underdeveloped Countries and Economic Development.....	1,954
Dixon Cambridge Bowl and Cup.....	56
Research Fellowship in the Economics of Latin America.....	19,806
	26,352

C. GENERAL (WIDE POWERS) POOL

QUOTED	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	%	£	%
British Government Stocks.....	2,055	37.0	1,717	29.0
Debentures.....	720	13.0	616	10.4
Equities.....	2,771	50.0	3,581	60.6
TOTAL.....	5,546	100.0	5,914	100.0

The General (Wide Powers) Pool consists of 5,551 investment units. At 31 July 1967 the market value of the investments held plus cash in hand represented a value for each unit of 20s. The units are held for the following trusts:

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

D. CAPITAL EXPENDITURE (WIDE POWERS) POOL

QUOTED	MARKET VALUE AT 1 AUGUST 1963 (WHEN POOL WAS FORMED) OR SUBSEQUENT COST		MARKET VALUE	
	£	%	£	%
British Government Stocks.....	1,672	59.6	1,751	58.1
Equities.....	1,132	40.4	1,264	41.9
TOTAL.....	2,804	100.0	3,015	100.0

The Capital Expenditure (Wide Powers) Pool consists of 4,650 investment units. At 31 July 1967 the market value of the investments held plus cash in hand represented a value for each unit of 19s. 5d. The units are held for the following trusts:

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

Investments held at 31st July, 1967—continued

E. OTHER	COST £	%	MARKET VALUE	
			£	%
1. QUOTED				
British Government Stocks	9,326	18.6	9,088	15.4
Debentures	8,936	17.8	7,753	13.2
Preference	5,780	11.5	6,214	10.5
Equities	26,137	52.1	35,918	60.9
TOTAL OF QUOTED INVESTMENTS	50,179	100.0	58,973	100.0
2. UNQUOTED				
TOTAL OF UNQUOTED INVESTMENTS	12,330			
TOTAL	62,509			
TOTAL CARRIED TO THE BALANCE SHEET	274,974			

SCHEDULE NO. 3

GENERAL INVESTMENTS	COST £	%	MARKET VALUE	
			£	%
1. QUOTED				
British Government Stocks	13,012	46.0	12,464	37.9
Debenture Stocks	5,867	20.8	4,572	13.9
Equities	9,398	33.2	15,861	48.2
TOTAL OF QUOTED INVESTMENTS	28,277	100.0	32,897	100.0
2. UNQUOTED				
TOTAL OF UNQUOTED INVESTMENTS	25,563			
TOTAL CARRIED TO THE BALANCE SHEET	53,840			

Freehold Land and Buildings at 31st July, 1967

SCHEDULE NO. 4

School Properties:

	COST £
Athletics Grounds and Pavilions	100,718
1, 2 and 3 Clare Market and 12 Houghton Street	36,542
11 Clements Inn Passage	2,500
12 Clements Inn Passage	2,579
13 Clements Inn Passage	170,920
13 and 14 Houghton Street	9,159
15 Houghton Street	3,300
16 Houghton Street	35,688
17, 18 and 19 Houghton Street	118,426
Kings Chambers	146,215
4 Portugal Street	35,717
St. Clement Dane's Parish Hall	28,668
	<u>£690,432</u>

Trust Funds at 31st July, 1967

SCHEDULE NO. 5 NAME OF FUND	CAPITAL	UNEXPENDED INCOME
	£	£
Sir William Acworth Memorial.....	1,825	351
Harriet M. Bartlett.....	42	—
Reg Bassett Memorial.....	382	21
Janet Beveridge.....	597	35
Bowley Prize.....	174	34
Montague Burton Chair of International Relations.....	8,850	—
Montague Burton Memorial.....	5,780	342
Department of Business Administration.....	4,246	—
Cassel Teaching in Commerce.....	151,919	—
Cassel Teaching of Modern Languages.....	17,227	—
Chidambaram Chettiar.....	512	146
Mary Elizabeth Christie Memorial.....	430	7
Sally Codrington.....	901	186
Auguste Comte Memorial.....	981	506
Dixon Cambridge Bowl and Cup.....	58	2
Research Fellowship in the Economics of Latin America.....	18,224	—
Farr Prize.....	309	18
Gonner Prize.....	129	8
Gourgey.....	38	4
Graduate Studentships in Economics.....	13,581	—
Greek Shipowners' Scholarship.....	141	—
History of Prices and Wages.....	2,183	—
Hobhouse Memorial.....	1,075	—
Hutchins Studentship for Women.....	1,820	—
Hutchinson Medal.....	13	6
Rees Jeffreys Studentship.....	7,728	2,239
Lilian Charlotte Knowles Memorial.....	938	47
Harold Laski Scholarship.....	1,070	53
Jackson Lewis Scholarship.....	6,800	91
Charles Mostyn Lloyd Prize.....	363	28
Mactaggart Scholarship.....	12,722	423
Manor Charitable Trust.....	858	—
Malinowski Memorial Lecture.....	2,399	503
George and Hilda Ormsby.....	1,000	115
Hughes Parry Prize.....	346	20
Wilson Potter.....	99	15
Premchand Prize.....	503	53
Raynes Prize.....	400	20
Rosebery.....	2,679	495
Singer Research.....	1,006	26
Social Administration Research.....	638	—
Skepper.....	13,466	—

Trust Funds at 31st July, 1967—continued

SCHEDULE NO. 5—continued NAME OF FUND	CAPITAL	UNEXPENDED INCOME
	£	£
Scholarships for Mathematicians.....	2,318	—
South African Scholarship.....	1,375	—
Graham Wallas.....	147	8
Whittuck Lectureship in Commercial Law.....	2,168	—
Allyn Young Prize.....	158	8
Harold Laski Memorial Lecture.....	30	—
	<hr/>	<hr/>
	£290,648	£5,810
		<hr/>
		£296,458
		<hr/>

Special Funds at 31st July, 1967

SCHEDULE NO. 6	£
American Studies.....	304
Anonymous Departmental Fund.....	151
Arthur Andersen Prize.....	15
Anthropology (Malinowski) Library.....	81
British Iron and Steel Federation.....	91
Brookings Institute.....	54
Montague Burton Fund.....	113
Noel Buxton Studentship.....	331
Cadbury.....	339
Churches' Council on Gambling.....	3,370
Commerce Degree.....	916
Commonwealth Fund.....	41
Richard Costain: Personnel Management.....	150
Course on "Future Patterns of Employment".....	11
Discretionary Pensions.....	16,321
H. V. Duckworth.....	34
Electricity Council.....	197
Foundation for Management Education: Teaching Fellowship.....	875
Ford Foundation:	
Demographic Training.....	190
Higher Education.....	7,882
Ford Motor Co. Ltd.: Management Studies.....	50
Gulbenkian Foundation: Professor Donnison.....	642
Home Office:	
Methods of investigating crime.....	3,575
Sentencing policy.....	56
Houblon-Norman.....	342
Human Behaviour.....	297
Leverhulme Trust.....	310
Library, Research and Departmental Budget commitments.....	16,831
London Bibliography of Social Sciences.....	1,387
Committee for Mediterranean Research.....	606
Ministry of Overseas Development: Dr. Desai.....	453
National Computing Centre: Systems Analysis Course.....	4,430
National Corporation for the Care of Old People.....	26
Nuffield Foundation:	
Educational Administration.....	392
Fellowship in the Politics of Eastern Europe.....	644
G.L.C. Election.....	133
Professor Griffith.....	498
Higher Education.....	7,260
Industrial Organisation.....	4,701
Dr. Little.....	63
London/Cornell.....	8,667
Morrison Biography.....	231
Roman Empire.....	305
Soviet Law.....	390

Special Funds at 31st July, 1967—continued

SCHEDULE NO. 6—continued	£	£
Professor Titmuss.....		258
O.E.C.D.: Higher Education.....		149
Overseas Students Trust.....		25
Passfield Fund.....		10,212
Passfield Studentships.....		464
Publication Funds:		
Bell Series.....	3,367	
British Journal of Industrial Relations.....	2,673	
Economica.....	12,314	
Geographical Papers.....	76	
Greater London Papers.....	7	
Journal of Transport Economics & Policy.....	861	
Longmans Green Series.....	1,150	
Monographs in Social Anthropology.....	2,917	
Occasional Papers in Social Administration.....	975	
Papers on Soviet and East European Politics, Law and Economics.....	177	
Reprints.....	2,152	
Sociological Publications Fund.....	787	
Women in Industry.....	377	
		19,429
Rockefeller Foundation: Strategic Studies.....		1,768
Rodwell Jones Memorial.....		243
Rowntree Trust:		
Fellowship in Social Administration.....		50
Housing Study.....		38
Visiting Scholars.....		1,010
S.S.R.C., S.R.C. and M.R.C. Research Training Support Grants.....		1,479
Shell International Petroleum Co., Ltd.:		
Economics Department.....		893
Geography Department.....		624
Sperry and Hutchinson Lectures.....		9
Frederick Soddy Trust.....		485
Sir Halley Stewart Trust.....		22
Student Loans:		
Friendly Fellowship Foundation.....		214
Long Term.....		906
Mental Health.....		448
Social Science.....		25
System Programming.....		889
Television Research Committee: Professor Himmelweit.....		834
University of California: Professor Wedderburn.....		336
Wenner-Gren Foundation: Polynesian Music.....		119
		<u>£124,684</u>

Donations and Subscriptions for Research

SCHEDULE NO. 7	£
Atlas Computer Laboratory.....	2,861
British Iron and Steel Federation.....	183
California University.....	888
Charrington United Breweries Ltd.....	2,594
Churches' Council on Gambling.....	3,289
Department of Economic Affairs.....	4,394
Department of Education and Science:	
Professor Himmelweit.....	3,038
Finance of Education.....	5,156
Model of Educational Performance.....	345
Computable Model of the Educational System.....	2,970
Ford Foundation:	
Centre for International Studies.....	593
Higher Education.....	13,766
Legal Services.....	509
Foundation for Management Education.....	292
Greater London Council.....	2,594
General Post Office.....	4,163
Gulbenkian Foundation.....	1,896
Home Office:	
Methods of Investigating Crime.....	15,076
Mr. Hall Williams.....	231
Human Behaviour Fund.....	254
Research Fellowship in the Economics of Latin America.....	6,709
Mediterranean Research Group.....	650
Mental Health Research Fund.....	274
Ministry of Health:	
Blood Transfusion.....	299
Miss Genzburg.....	1,718
Nursing Recruitment.....	170
Pathology Services.....	1,998
Miss Stewart.....	176
Ministry of Housing and Local Government:	
Seebohm Committee.....	481
Professor Donnison.....	846
Ministry of Overseas Development:	
Higher Education.....	13,074
Dr. Desai.....	457
Ministry of Public Building and Works.....	5,302
Ministry of Transport.....	6,589
Nuffield Foundation:	
Drug Addiction.....	472
Educational Administration.....	208
Fellowship in the Politics of Eastern Europe.....	3,532
Greater London Council Election.....	577
Professor Griffith.....	3
Higher Education.....	9,279

Donations and Subscriptions for Research—continued

SCHEDULE NO. 7—continued	£
Industrial Organisation.....	200
London/Cornell.....	19,184
Morrison Biography.....	69
Roman Empire.....	115
Professor Titmuss.....	442
O.E.C.D.: Higher Education.....	1,087
Office of Health Economics.....	150
Office for Scientific & Technical Information:	
Information Services.....	734
Information-Seeking Practices.....	603
P. D. Leake Fellowship.....	167
Questionnaire Research.....	14,541
Rees Jeffreys Road Fund.....	5,565
Rockefeller Foundation.....	4,977
Royal Commission on Local Government.....	5,729
Rowntree Trust:	
Fellowship in Social Administration.....	950
Housing Study.....	12
Poverty.....	2,882
Visiting Scholars: Azcarate.....	640
Science Research Council.....	129
Singer Fund.....	5
Sir Halley Stewart Trust.....	852
Social Administration Research Trust.....	136
Social Science Research Council:	
Professor Freedman.....	1,075
Professor Firth.....	1,153
Professor Roberts.....	2,690
Professor Wiles.....	110
Higher Education.....	11,862
Jury Project.....	1,033
Survey of Race Relations in Britain.....	1,008
Television Research Committee.....	1,458
	<hr/>
	£197,454
	<hr/>

Donations and Subscriptions for other purposes

SCHEDULE NO. 8	£
American Studies.....	3,002
Anonymous Departmental Fund.....	19
Montague Burton Fund.....	49
Chair in the Economics of Underdeveloped Countries and Economic Development.....	3,920
Ford Foundation: Demographic Training.....	11,121
Foundation for Management Education: Management Studies.....	3,486
Edward Fry Trust.....	163
National Computing Centre: Systems Analysis Course.....	477
Overseas Students Trust.....	75
Radio Corporation of America: International Relations Department..	164
S.S.R.C., S.R.C. and M.R.C. Research Training Support Grants.....	1,377
Shell International Petroleum Co. Ltd.:	
Economics Department.....	224
Geography Department.....	210
Sperry and Hutchinson Lectures.....	119
	<hr/>
	£24,406
	<hr/>

Academic Awards

Scholarships and Studentships awarded in 1967

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Scholarships for Mathematicians

Robert Henry Berry
Frances Joy Cooper
Philip Charles Alexander Duffus
Peter Jack Nowell
Philip Rice
Anne Stanford
John Keith Yugin

Leverhulme Adult Scholarship

Jean Barbara Cresswell } *Jointly*
Jeffrey James Hurford }

Christie Exhibition

David William Anderson

UNDERGRADUATE AWARDS

Chartered Institute of Secretaries Scholarship

Sheila Rogers

Lilian Knowles Memorial Scholarship

Peter Michael Grimwood

Harold Laski Scholarships

Susan Iona Howe
James William Jones

C. S. Mactaggart Scholarship

Lim Ho-Kee

Undergraduate Scholarships

Thelma Mary Platt
Stuart Derek Stein

GRADUATE AWARDS

S. H. Bailey Scholarship in International Studies

Michael Francis Clement Carder

Montague Burton Studentships in Inter- national Relations

Not awarded

Noel Buxton Studentship in International Relations

Peter James Hildrew

Graduate Studentships

Maria Arouzazu Echezaretta
Anthony Richard Mawson

Graduate Studentships in Economics

Krishnan Nath Bhaskar
Edward John Burton
Huw Prideaux Evans
Christine Anne Greenhalgh
Richard Lester Harrington
Janis Rachel Salmon
Robert Norman Vivian Cajado Nicol
Malcolm Paul Quine
Peter Jeremy Simmons
David Martin Wadwell

Graduate Studentships in International Studies

Ian Colin Taylor
Elizabeth Ann Weinberg

Greek Shipowners Studentship

Not awarded

Rees Jeffreys Studentship in Transport

David Harrison

Academic Awards

*Leverhulme Graduate Entrance
Studentship for Overseas Students*
Not awarded

Leverhulme Research Studentship
Farouk Hajee Ismail Cassim

*Leverhulme Research Studentship for
Overseas Students*

Jon Horton Amsden } *Jointly*
Alice Hoffenberg Amsden }

Jackson Lewis Scholarship
Rita-Abel Cruise O'Brien

Rosebery Studentship
Fred Nicholas Jeffrey

Scholarship in International Law
Radharaman Chakrabarti

*Studentship in the Economics of Latin
America*
Julio Rodolfo Gamba

(b) Awarded by the University

Clothworkers' Company's Exhibition
Melvyn Slater

Eileen Power Studentship
Not awarded

Gerstenberg Studentship
Colin Howson

Loch Exhibitions
Costas Christodoulou
Sudesh Kumar Sabharwal

Metcalf Scholarship for Women
Dorothy Ann Scott

Sir Edward Stern Scholarships
Shirley Patricia Campbell
Paul Ryan

University Postgraduate Studentships

Martin Ivan Alan Bulmer
Ruth Miriam Issacharoff
Negley Boyd Harte
Frank Lissauer
Oliver Martin Westall

**Medals and Prizes awarded in
1967**

(a) Awarded by the School

Arthur Anderson Prize in Accounting
Henry James Anthony Frayne

Harriet Bartlett Prize
Not awarded

Bassett Memorial Prizes
Peter Nigel Jones
Albert Edward Torrison

Janet Beveridge Award
Derrick Ralph Carter

Director's Essay Prize
Allen Joseph Henry Hunt

Farr Medal and Prize
Malcolm Paul Quine

Gonner Prize
Geoffrey Charles George Wilkinson

Gourgey Essay Prize
George Kay Harvey

Hobhouse Memorial Prize
Martin Ivan Alan Bulmer

Hughes Parry Prize
Malcolm David Farrier } *Jointly*
Ian Richard Roberts }

Academic Awards: Degrees: B.Sc. (Economics)

Mostyn Lloyd Memorial Prize
Timothy Forbes Horan

Jessy Mair Cup for Music
Jacqueline Susan Noltingk
Penelope Ann Louise Stewart

George and Hilda Ormsby Prizes

Edgar Lionel Jackson
Patricia Ann Underwood

Premchand Prize
Not awarded

Raynes Undergraduate Prize
Henry James Anthony Frayne

Rosebery Essay Prizes
Ian Webb
Ann Poyner

School Prizes

David Philip Dalby
Malcolm David Farrier
Ross Anthony Fuller
Peter Harrison
Susan Iona Howes } *Shared*
James William Jones }
Trevor Jones }
Susan Mary Schofield
Melvyn Slater
Stuart Derek Stein

Alleyn Young Prize
Melvyn Slater

(b) Awarded by outside bodies

Free Press Prize in Sociology
Maurice Saatchi

Gladstone Memorial Prize
David Alexander Reisman

Degrees

**B.Sc. (Economics) Final Examination
1967**
(Revised Regulations)

Honours

FIRST CLASS

Krishan Nath Bhaskar
David Rainer Fernbach
Henry James Anthony Frayne
Christine Anne Graham
Colin Howson
Peter Nigel Jones
Alan William Palmer
Malcolm Paul Quine
Maurice Saatchi
Rodney Horrocks Sellers
Mohamed Noordin bin Mohamed
Sopiee
Hugh Alexander Tulloch
Anthony Michael Ungar
Geoffrey Charles George Wilkinson

SECOND CLASS

Upper Division

David Michael Adams
Ghyasuddin Ahmad
Ronald Charles Aldridge
Allan David Barnes
John Rex Beddington
Michael Charles Beenstock
Rajendra Jagmohan Bhansali
Georg Paul Richard Bielstein
Stuart Douglas Bilton
Ronald Neil Brandman
Michael Howard Brody
Colin Stephen Brown
Anthony Stuart Douglas Cannon
John Christopher Carrington
Richard Howard Coleman
John Edward Cook
Winifred Ann Cooke
Kevin Robert Timothy Corcoran
Gerald Nathan Cromer

Academic Awards: Degrees: B.Sc. (Economics)

Peter Francis Cullen
Peter Adrian Dearnley
Emmanuel George Drettakis
Barry Druker
Roger Frank Dudley-Evans
Gerald Richard Emes
Mary Sonia Evans
Festus Olufemi Fajana
Judith Alice Falkus
Gillian Deidre Ferguson
Peter Charles Fielder
Janet Susan Gammell
Robin Gavin Gillespie
John Glasson
Stephen Brian Goban
Goh Kian Chee
Judith Linda Goldman
Brian William Hampton
Gabriel Yehudah Handler
John Stephen Harrison
Peter Henriksen
Terence Higham
Robert Peter Hilliard
Peter Holland
Jane Hughes
James Jacobson
Andrew Monteith Johnson
Stephen Richard Henry Jones
David Kershaw
Kenny Kuang-Hua Khaw
Stewart Donald Kingaby
David Alan Leonard Lazar
Graham Richard Linecar
Edwin McAuley
Eugene Mary McCarthy
Victor Paul Marston
Stephen Tudor Martin
William John Martin
Rosemary Jane Medlar
Ronald Frank Millet
Marion Evelyn Minards
Brian John Moore
Peter Reuben Mothersole
Sheila Naghavi
Charles Edwin Adrian Noad
Brian Lloyd Norris
Vitalis Chidomere Nwaneri
Joseph Roger Oakley

Michael Stuart Ost
Jeremy David Packman
Nanoo Gobindram Pamnani
Richard Arthur Payne
Nimal Indrani Perera
David Andrew Perry
Stephen Jack Peter
Anthony Hirsch Phillips
Christopher John Pinney
Brian Martin Pitts
Roger Rawstron
Jeremy Thornton Richards
Paul Edward Richardson
Jeanette Ann Rix
Maurice Crawford Roche
Marian Fleur Rubin
David Ian Salter
Michael Sarris
Bryan David Schlagman
Roger Haviland Slade
Joan Mary Smith
Joseph Raymond Smith
Laurence Henry Solomons
Peter Spooner
Michael John Stean
David Stevenson
Trevor Taylor
James Anthony Trevithick
Keith David Tuson
Raymond George Warburton
Alan Douglas Weatherhead
Robert Wharton
Paul Noel Porritt Wiles
Mehdi Seyed Yamani
Ari Charles Zaphiriou-Zarifi

SECOND CLASS

Lower Division

Roy Adams
John Towers Addison
Ezekiel Adebisi Ajayi
Iain Macpherson Alexander
Christopher John Andrews
Juryek Arszelewski
Peter Balcombe
Nicholas Baltazzis
Catherine Margaret Banister

Academic Awards: Degrees: B.Sc. (Economics)

Keith Henry Barber
David Andrew Bishop Battrick
John Robert Baxter
Brian John Bedwell
Christopher Ernest Finch Beer
Roger Anthony Bender
Paul Anthony Bennett
Peter Alan Bernstein
David Victor Bird
Ian Geoffrey Bolt
Terence Philip Bond
Eleanor Elizabeth Brockbank
Barbara Brown
Michael John Lorimer Brown
Grosvenor Buckoke
Richard Leslie Burgess
Mohammad Ali Chaudry
Michael John Cleary
James John O'Donnell Colgan
Diana Mackintosh Colvin
Ralph Philip Cooke
Lester Desmond Corp
Elaine Roslyn Cupper
David Charles Curry
John Francis Curry
Emrys Davies
Roger Oliver Davies
Keith Thomas Dawes
Patrick John Deluhery
Michael Kenneth Denton
Giles Leon Richard Desbrow
Reginald Leon Devaux
Clive Anthony John Dimmock
Charles Dodd
Nicholas Thomas Dunning
Ian Ralph Edwards
Philip Evans
Peter James Farrer
Rumman Faruqi
Peter Leslie Fellner
Brian Albert Field
John Robert Finney
John Joseph Fischer
David Max Frank
Harold Louis Freedman
Graham David Gillson
Robert Norman Goldman
Philip Martin Goldstone

Timothy Reginald Gopsill
Peter Greenhalgh
Stephen Ian Greenman
Narinder Grewal
Sandra Carole Hadler
Mary Elizabeth Josephine Hallett
Susan Mary Hallett
Robin Hanau
William Patrick Hanley
John David Hargreave
John David Hembury
Eric Henriksen
Michael Hill
Peter Godfrey Hill
Robert Hill
Susan Frances Hill
Nigel Robert Hillier
John William Hollis
David Brian Hughes
Kenneth Laurence Hunter
Kenneth Edward Hutchinson
Robert Anthony Hyde
John Hyman
Alan Julian Izenman
Arnold Victor James
Christopher Mervyn Jones
Georgina Jones
John Richard Lewis
Robert Peter Lewy
Pamela Jill Logie
John Martin MacCarthy
Rodney Victor McDermott
Peter William McKenna
Elizabeth Small Boyd McKillop
Brij Mohan Desraj Madan
Stanley Maiden
Richard Anthony Maidment
Hedley Malloch
David John Marns
Timothy Marshall
John Frank Martin
Michael John Martin
Alan David Mason
Symeon John Matsis
Robert Philipp Mully Mayer
Alexander John Mercer
Robert Edmund Middleton
Thomas Moore

Academic Awards: Degrees: B.Sc. (Economics)

John Moxham
Joseph Naspe
Paul Adrian Nicholas
Michael John Eric Palmer
Gerald Paster
Rajnikant Jagjivan Paun
Michael Kenneth Elgar Penny
Michael Ralph Perry
David Brian Phelps
David Henry Potten
David John Powell
Edward James Razzell
Judith Mary Roberts
Frank Edward Robinson
Stuart Rosen
John Arthur Rowland
Dorothy Margaret Saldji
Edward Sang'udi
Michael John Sayer
John Robert Scragg
Roger Hugh Knight Seelig
Gulrez Shaheen
Peter Robin Stewart Singer
Jonathan Andrew Smith
Peter Richard Charles Smith
Prateep Sondysuvan
John William Stobbart
John Michael Stringer
Geoffrey Leonard Thomas
Martyn Philip Thompson
Thomas Michael Tibbetts
Malcolm Derek Tink
Michael Noel Tobin
Benjamin Piers Townsend
John Alan Steel Tucker
Norman Walton
Leonard Edward Ward
Martin John Webster
Peter James Wildblood
Albert Bartram Williams
Anthony Howard Williams
Adrian Brett Winnett
David Wong Chong Kok
Edwin Faustus Wood
Julian Ralph Worley
Raymond John Wright
Christopher Leslie Yates
Stewart Grant Young

THIRD CLASS
Fuad Abboud Al-Dahwi
Peter Alwyne Andrews
Susan Elizabeth Atkin
Unus Baksh
Philip Robert Bardiger
Brian Michael Barrett
David Gordon Benison
Peter Henry Bentil
Pamela Dallas Brighton
Anthony John Bromley
Peter Woodley Burden
John Coventry Burdett
John Christopher Cossins
Lesley Jaqueline Cramp
Clive Critchley
Ian Tyrell Cully
Anthony John Davies
Shaun Stephen Devoy
Jeremy Lewis Eckstein
Emmanuel Emosivbe Eshalomi
William Alan Evans
Patrick Anthony FitzSimons
Patrick John Fraser-Jamieson
Michael Douglas Frost
Rita Theresa Hayes
David John Holgate
Masood Hyder
Aminmohamed Fazal Jamal Madhan
Tricia Charmain Kay
Koh Teng-Bin
Fred Lane
Hong Lap Conrad Lee
Lawrence Leung Ting Bun
Janet Mary McDonald
Dorothy Portia Macedo
Mahmood Saeed Madhi
Paul Burgess Martin
Ashley Harvey Mitchell
Brian Patrick Morrissey
Radhakrishnamah Perumal Naidoo
Joan Lesley Page
Peter Graham Payne
Irena Maria Podleska
Alan Brynmor Randall
Godfrey Stuart Shocket
Jonathan Llewelyn Simon
Julius Magolo Kofi Simpson

Academic Awards: Degrees: B.Sc. (Sociology)

Trevor Ian Skipp
Soh Siak Hiong
Constantine Souyoudjoglou
Hesley Tay Chye Hin
Edward Taylor
George Patrick Towler
Abdullah Bakr Tunsi
Colin Hugh Varley
Sheila Audrey Wagstaff
John David Wing
David Alexander Wolton

**B.Sc. (Sociology) Final Examination
1967**
(Revised Regulations)

Honours
FIRST CLASS
Martin Ivan Alan Bulmer
Graham Murdock
David Anthony Turton

SECOND CLASS
Upper Division
Brenda Downes
Douglas Harry Hamblin
Dinah Foster Jones
Martin Edward King
Peter McArthur
Michael McKenna
Pauline Pasker
Valerie Anne Smith
Susan Sparks
David Arthur Swain
Sarah Penelope Julia Whittaker
Robin Williams
Penelope Ann Franklin Woolley

**B.Sc. (Economics) Final Examination
1967**
(Old Regulations)

Honours
SECOND CLASS
Lower Division
Robert William Biddlecombe
James Patrick Carr
John Roger Davies
Martin Selwyn Lyall Davis
Colin Sidney Francombe
Carole Gibbs
Lynne Rees
Annette Josephine Patricia Turgill

PASS
Lazaraki Nicola Aghnides

THIRD CLASS
Floya Anthias
Collette Lavinia Boycott
Ronald Leslie Couchman
Edward Christopher Roche
Victoria Mary Welch

Academic Awards: Degrees: B.A. Geography

B.A. Honours in Sociology 1967
(Revised Regulations)

FIRST CLASS

Christopher Robert Badcock
Miriam Anne Glucksmann

SECOND CLASS

Upper Division

Alan Frederick Baldwin
Penelope Ann Barker
Dorothy Meriel Jerrome
Marianne Sarah Lapish
Janis Morton
Michael David Phipps
Helena Mary Shallcross
Hilary Diana Woodward

SECOND CLASS

Lower Division

Pamela Glanville
Dorothy Linda Millham
Pamela Ruth Reffell
Patricia Smith

THIRD CLASS

Donald George Feeney
Therese Marguerite Marie Roche

B.A. Honours in Anthropology 1967

SECOND CLASS

Lower Division

Judith Ann Lewis

B.A. Honours in Geography 1967

FIRST CLASS

Edgar Lionel Jackson

SECOND CLASS

Upper Division

Ann Bennett
Christopher Robin Bryant
John Rodney Elton
John David Eyles
Susan Elizabeth Lewis
Peter Gerald Licence
Patricia Scott Nicholls
Elizabeth Ann Walton
Anne Whalley

SECOND CLASS

Lower Division

Ian James Cubbin
Linda Anne Fletcher
Ian Anthony Hamill
Kunigunde Kaminskas
Valerie Elaine Kenyon
Susan Rosemary Levey
Peter Charles Sommers
Gillian Frances Tudball
Patricia Ann Underwood

THIRD CLASS

Jacqueline Porter

B.A. Honours in History 1967

SECOND CLASS

Upper Division

Judith Edwards
Margaret Ann Jackson-Roberts
John Rollo Mallard
Brenda Jean Robinson
Evelyn Christina Sharples
Elaine Elliott South

Academic Awards: Degrees: LL.B.

SECOND CLASS

Lower Division

Edward William Allen
Anthony Sheldon Baron
Susan Elizabeth Chaplin
Geraldine Parr
John Graham Vyse

THIRD CLASS

Philip Robin Harvey
Michael William Joseph Reynolds

B.A. Honours in Philosophy and Economics 1967

FIRST CLASS

Susan Kyle Finlay
Helena Fyfe Thonemann

SECOND CLASS

Upper Division

Timothy Ian Grant
Andrea Mannu

SECOND CLASS

Lower Division

Kathleen Margaret Butterworth
Michael Da Costa
Patricia Jean De Wolfe
Michael Kenneth Pearson

THIRD CLASS

Elizabeth Mackay Daiches

LL.B. Final Examination 1967

Honours

FIRST CLASS

Farouk Hajee Ismail Cassim
Keith Derek Deane

SECOND CLASS

Upper Division

Michael George Boyes
Neil Cameron
Martin Geoffrey Daly
Wendy Patricia Dickerson
Roger Field
Ian Stephen Grier
Dennis Bernard Hadley
Peter Allan Harber
Stephen Hayes
Robert Raphael Hayim Jacob
Michael Stephen Jones
Richard Paul Lloyd
Philip Thomas Murphy
Malcolm Nock
Stuart Plaskow
Graham Ashley Shapiro
Harvey Barry Shulman
Anne Prudence Wakefield

SECOND CLASS

Lower Division

Harris Dut Balgobin
Ralph Michael Carreras
Ian Adam Cave
Frank Courtney Chambers
John Chapple
Richard Francis Clark
Mary Madeline Freeman
Ralph Andrew Freeman
Anthony Freudmann
David Michael Gibson-Lee
David Andrew Hellard
Olive Sheila Hobbs
Michael Henry Hoddinott
Michael John Hodson
John Robert Hughes
Graham Lawson Lewinstein
John Anthony McIlroy
Peter Randolph Maddocks
William Roberts Marshall

Academic Awards: Degrees: M.Sc.

*Fred Ralph Daya Mutunhu
Joseph Nnabuchi Nwodo
Frederick Thomas Olivelle
Ian Calder Pugh
Brian William Sweetland
Christine Elizabeth Taylor
Jeanette Carol Thalmessinger
Tudor Lynn Thomas
Arthur Francis Williams
Brian Andrew Worthington

PASS

Ezekiel Oduola Adebomi
Ismail Mahomed Ayob
Hezekiah Oluwadare Babarinde
Thomas Robert Bent
Evelyn Margaret Christina Budd
James Albert Sinclair Grant
Jeremy James Evelyn Hubbard
Oyewole Ogungbe
Ernest Onyejela Amadioha Onukwugha
Charles Arthur Taylor
Sermsakdi Thephakam
Robert Edward Wilson

Higher Degrees

M.Sc. 1966-67

Stuart Rhodes Abelson
Sylvester Olabode Adeyemi
Afazuddin Ahmed
Moaiad Abdul Razac Al-Jibouri
Dennis Anderson
Howard Frederick Andrews
Gautamkumar Manubhai Appa
**William Yeo Arms
David William Atherton
Elizabeth Atkins
Ralph Patrick Austin
Noel Anthony Baker
Steven Jerrold Baker
Nicholas Adrian Barr

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

**Mark of Distinction awarded

Academic Awards: Degrees: M.Sc.

Joseph Donkor
Upinder Singh Dugal
Charles Hugh Dunlap
Donald Frederick Dunning
Edward Elcon Edelstein
Clarence Frederick Ellis
Peter Robert Ellis
David Howard Evans
Derek John Fatchett
Richard John Field
John Richard Warwick Fieldhouse
Diana Margaret Floyd
John Nicholas Floyer
*Jennifer Mary Frankland
*David James Fulcher
Gael Rosalind Gahagan
Alan John Gardner
Clifford Ernest Garrard
Alan James Geik
Animesh Ghoshal
*Alan Gilbert
Richard Hartley Giles
Leonard Alan Goldman
Claudio Gonzalez-Vega
Robert William Goodsmann
José Mauricio Gormezano
Wendy Jean Forbes Guild
William Michael Hanemann
Gavin John Harding
Roger Harvey
John Anders Hasselgren
David Hawdon
William Edward Hearne
*David Forbes Hendry
Robert Gino Henson
Richard Edward Hetherington
Thomas Henry Holmes
Harro Maximilian Wilhelm Höpfl
*Brendan Bethell Horton
Martin David Hoskins
Margaret Douglas Howard
Betty Louise Hunt
Dorothy June Hurst
Kamala Joan Hyder
Michael John Jacobs
Michael Frederick James

*Mark of Distinction awarded

*Dale Martin Johnson
Rachel Jane Jones
*Barry Stewart Kalen
Umerfaruk Abdulla Kazi
Randolph Charles Kent
Richard James Scott Kerr
Robert Jeffrey Kheel
Emile Elias Khoury
John Earle Kidgell
Mary Kilgour
Leszek Klimek
Sotirios Kollias
Adèle Kosviner
*Richard Michael Kuper
William John Lanouette
Zolton Laszlo de Kaszon-Jakabfalva
*Peter Richard Grenville Layard
Roy Malcolm Lewis
Colin Leonard Lines
Mavis Towerton Linning
John Theodore Lipscombe
Juan Tarmann Loewe
Jon Joseba Lopategui
Raymond Jeffrey Loveridge
*Robert Edward Barnwell Lucas
Yvonne Patricia Elizabeth Lukey
Martin Edward Lunghi
Terence John Lyle
Ian Stuart McCarthy
Michael James McDougall
Ian Malcolm Graeme MacFarlane
William Paul MacGregor
Keith Charles McKeown
Margaret Louise Marchi
Ann Lee Marcus
Javier Marquez-Diez-Canedo
Christine Mary Marsh
Leon Francis Marzillier
Matthew Vincent Melliar-Smith
Jyoti Jadavjibhai Modi
Lengolo Bureng Monyake
William Franklin Mor
Ian George Morrison
Patrick Benjamin Moscaritolo
Henri Jerome Moya
Robert Murray

Academic Awards: Degrees: M.Sc.

Jotham Antony Mwaniki
Ronald George Nathan
Peter Nelstrop
Barbara Mary Newton
Ronald Cheuk Yui Ng
Alan Charles Osborne
Nicholas Charles Owen
Kenneth William Ozanne
*Gillian Patricia Palmer
James Gregory Palmer
Richard Arthur Palmer
Vijay Gopal Pande
William Arnold Lennox Haslyn Parris
Fausto Manuel Patricio-Moro
Katherine Jean Pattison
*Stephen Charles Peck
Julian Gavan Pellegrini
Øystein Pettersen
Eva Renée Pettitt
David Alan Pinfield
Ian James Piper
Soucé Antoine Thérèse Aroquia
Pitchaya
Stefanie Ruth Pixner
Francis Brian Pizzala
Robert Jonathan Pleasure
Geoffrey Powell
Keith Paul Rasey
*Indukumar Maganlal Rash
Malcolm Sutherland Rees
David Alexander Reisman
Stephen Charles Ricciardi
Gumersindo Rodriguez-Gil
*John Michael Roebuck
Jonathan Peter Rosen
A. James Rosenthal
Naomi Braum Rosenthal
Michael Aaron Ross
*John Christopher Robin Rowley
Gertrude Sandra Rubin
Ian Frank Rushbrook
John Carl Sabetta
Sabby Sagall
Michael Stuart Salt
Stanley Trevor Samuels
Jonathon Donald Saphier

*Mark of Distinction awarded

Academic Awards: Degrees: M.Phil.

Robert Lucien Wokler
Kum Poh Wong
Kimba Maureen Wood
Anthony James Wootton
Martin Edward Yates
Marilyn Ann Yeatman
Anthony Marvin Yezer
William Stewart Young
James Zacune

M.Sc. (Economics) 1966-67
(Old Regulations)

George Lewis Brownlee
*Bryan Victor Carsberg
Jorge de la Mora
Françoise Domergue
Ralph Henry Dunkley
Desh Bandhu Gupta (External)
Albert Frederic Hauptfuhrer
*Robert Greeley Kaiser
Ronald Lionel Lawrence Kaye
Padraic Pearce McGuinness
Barbara MacLennan
Eva Beth Packer
Jitendra Ratilal Patel
Colin Read (No course)
Peter Richards
Leonard Walter Ross
Peter Gething Sadler
John David Stancer
Khin Khin Thein
Patricia Turner
Paul Hadleigh Twyman
Guy Jean Marie Joseph Ghislain
Verhaegen

M.A. 1966-67

Francis William Carter
Marian Juliet Edmonds
Abul Kasem Mohammed Kalimullah
Rosie Majid
Stephanie Michel
Gillian Webster

*Mark of Distinction awarded

M.Phil. 1966-67

David Mark Boswell
Dorothy Buglass
Krishna Sachindranath Dasgupta
Carol Melanie Hornsey
Nerys Wyn Patterson
Kathleen Patricia Robinson
William Hugh Smith

LL.M. 1966

Emmanuel Oladeji Akanki
Bernard Irving Michael Applebaum
Abdullah Abdulhamid Bade
John MacKenzie Barker
Peter Jeaffreson Clay
James Stewart Cowan
Geoffrey John Cretin
Christopher Hugh Cutting
Susan Rachel Elman
John Farrell
Laurel Brenton Francis
Cyril Glasser
James Hamilton
Pearl Vivien Hennessy
Tajudeen Olawale Idris
Aziz Noormohamed Kurtha
Simbi Veke Mubako
Craig Alexander Murdock
Samuel Douglas Ntiamoah
Wonuola Abiola Odesanya
Gabriel Adesiyon Olawoyin
Roger Andrew Pauley
Harry Hyman Rajak
Jeffrey Alan Rosen
Leslie Sebba
Vincent Shepherd
Milan Robert Shuster
Joe Slovo
Penelope Helen Spathis
Jane Pamela Swanton
David Mathumbini Zamchiya

Ph.D. 1966-67

Ephraim Ahiram
Mahbubuddin Ahmad
David George Alexander

Academic Awards: Ph.D.

Noori To'ma Al-Jazairi
Harry Havens Almond
Julio Ameller Vacaflor
Margaret Scotford Archer
Mohammed Hashim Awad (External)
Abdul Kahar bin Bador
Lorraine Florence Baric
Lloyd George Barnett
Malcolm Joel Barnett
Neville Richard Bennett
Ian Stewart William Blanchard
Piero Bolchini
Evelyn Lottie Born
Rhodes Boyson
John Joseph Brady
John Frederick Burrows
Stacy Churchill
Leonard John Collier
Regis Armand Courtemanche
Biplabkumar Dasgupta
Rigas Sotiris Doganis
Abraham Doron
Henry Matthew Drucker
Richard Isaac Fine
David Gomer Fish
Robert Morton Fisher
Frank Benjamin Michael Fowkes
Geoffrey Kingdon Fry
Tomas Garza-Hernandez
Michael Kevin D'Arcy Goldrick
Emre Gonensay
Richard Gregor
Robert George Gregory
Michael Alan Guhin
William Frank Hamilton
Stephen Michael Alan Haseler
Abul Hashem
Jawad Mahmood Hashim
Judith Ursula Heyer
Thomas Leo Hogan
Satchidananda Hore
Juan Hortala'Arau
Ronald Kirkwood House
Richard William Lawson Howells
Itzhak Kashiv
Preston Theodore King
Martin Knott
Martin Lewis Berry Kolinsky

Bennet Kovrig
John Patrick Kyba
David Chuen Yan Lai
Leonard Herschel Leigh
Norman Richard Levine
Patrick Alfred Losty
Basil Nicolas Metaxas
Agnes Eva Miles
Amr Mohie-Eldin Mohamed Amin
Mohie-Eldin
Jacob Moreh
Robert James Warwick Neville
Brian O'Connor
John Keith Ord
George Rupert Palmer
Celia Mary Phillips
Paul Arthur Phillips
David Geoffrey Price
Kenneth Osborne Rattray
Peter Ross Robbins
Alan Abraham Shapiro
Arnold P. Simkin
Ingrid Sommerkorn
Ralph Douglas Stacey
Philip Staniford
Victor Subocz
Kok-Chiang Tan
Charles David Throsby
George Tsalikis
Barry Horace Page Turner
Ramesh Chandra Vyas
Alan Joseph Ward
Ivan Weir

Diploma (Awarded by the University of London)

Diploma in Anthropology 1966-67
Ivanica Mary Vodanovich

Diplomas (Awarded by the School)

Diploma in Business Studies 1967

PASS
Robin Atkinson

Academic Awards: Diplomas

Michael Shrewsbury Francis Bird
John Houston Birkett
Nicolas Canto de Andrés
Peter John Dunkerley
David Hugo Emanuele
Michael Peter Gaum
John Terence Horrocks
Hiroshi Koyama
Glenham Charles Mezher
Antonios Nicolaou
Roger Randal Timothy Thurman
Neil Miller Tomlinson
Marion Ruth Trigwell
Martin Fraser Watts
Jerry Leonard Wegman

Diploma in Development Administration 1967

DISTINCTION
Mohammad Mokammel Haque
Nalleppilly Ramakrishnan Ranganathan

PASS
Jomo Idoko Adapoyi
Antonios Yiannakos Andronikou
Saidu Mallam Barda
Denis Aubrey Michael Cameron
Turan Yüksel Ersoy
Michael Leo Heyn
Karl-Otto Layer
Le Chau Loc
Cephas Mangwana
Sarat Chandr Misra
Harrow Adalberto Saldana
Khin Maung Win
John Sydney Milton Worrall
Alberto José Yarza Casanova

Diploma in Social Administration for Graduates 1967

DISTINCTION
Gillian Diana Elliott

John Nicholas David Ford
Mary Evelyn Mills
Jeremy Richard Seabrook
Sheila Sturton

PASS
Carole Abramson
David William Anderson
Jacqueline Yvonne Aubertin
Cecilia Mary Lothian Bethell
Katharine Petronella Boyle
Victoria Augusta Bridge
Vivien Ruth Brook
Wendy Elizabeth Burkett
Suzanne Virginia Carey
Gillian Mary Carpenter
Peter Stuart Chapman
Sandra Freda Coxhill
Celia Deacon
Josephine Heather Gabe
Fiona Margaret Grant
Valerie Joan Hill
Mary Lynette Hughes
John Christopher Hutchings
William George Miles Jeremiah
Mary Tara Johnson-Marshall
Janet Mary Jones
Philip Morris Kestelman
Pauline Le Gassicke
Gillian Mary Leonard
Patricia Marion Lepper
Alison Joy Lewis
Virginia Jean Furse Maud
Gillian Mary Mitcheson
Christine Laughland Muir
Caroline Elizabeth Pellegrini
Adrian John Pritchard
Christopher John Purcell
Judith Caroline Radcliffe
Beata Helene Reichhold
Sarah Marie Smith
Celia Elizabeth Carmel Solomon
Hallam John Cecil Studdert
Joan Frances Temple
Vanessa Victoria Vesey
Geoffrey James Martin Watts-Read

Academic Awards: Diplomas

Jennifer White
Jean Rosemary Williams
Kathleen Margaret Wilson
Patricia Mary Wiltshire
Susan Christine Yates

**Diploma in Social Administration for
Non-Graduates 1967**

DISTINCTION

Derrick Ralph Carter
Alwyn Diane Cooper
Timothy Forbes Horan

PASS

Penelope Hall Banks
Megan Frances Elizabeth Bint
Helen Blackburn
Jeanette Blyth
Jean Edna Carder
Rosemary Anna Clark
Ruth Naomi Cohen
David Harold Fenton
Caroline Mary Gladstone
Gillian Anne Hayes-Newington
Douglas Melvyn King
Grania Yvonne King
Julia Ann Laurence
Sarah Margaret Mason
Caroline Mary Stewart Maud
Carolyn Frances Miles
Peter Henry Reeve
Christopher Thomas Selwyn
John Aylward Simmons
Elizabeth St. Clair Singh
Audrey Joyce Stern
Marion Strickland
Virginia Mary Howard Temperley
David Douglas Walker
Kathleen Molly Walker
Colin Williams
Mary Rosalind Williams

Bryan James Williamson
Shirley Margaret Wilsher
Elizabeth Ann Worth

**Diploma in Social Administration for
Graduates (Overseas Course) 1967**

DISTINCTION

Sita Ghate

PASS

Bhaskar Banerji
Barbara Mariel Guss
Sudarshan Kumar Kapur
Eleanor Rose Lane
Shirley Liao
Richard William Lockley
Leven Serrano Puno
Syed Asad Raza Zaidi

**Diploma in Social Administration for
Non-Graduates (Overseas Course) 1967**

PASS

Adekanye Olu Ademola-Omojola
Sylverine Dezdamaona Bowman
Esther Dorothy Jummai Idowu
Verrol Felix Liverpool
Joseph Mutesasira-Musoke
Maleeha Najjar
Adediwura Idowu Oduniyi
William Arong Okpu
Eustace George Ndu Onwubere
Martin Maxwell Owusu-Ansah
Thelma Patricia Pilgrim
Baldev Krishan Rattan
Christine Clarice Stokes

Academic Awards: Diplomas

**Diploma for Social Workers in Mental
Health 1967**

PASS

Kathleen Allison
Frederick George Atto
Mary Madeline Barratt
Pearl Berman
Makonnen Bishaw
Sophia Elizabeth Comyns-Carr
Elizabeth Rosemary West Crowe
Robertta Elizabeth Jean Fleming
Anne Christine Harling
Tahra Hassan-Ahmed
Gwynne Homan Jones
Elizabeth Karn
Ralph Leslie Kilby
Eric Brian Lawson
June Elizabeth Logan Lewis
Pamela Haydn Lewis
Brian Ray Lillington
Richard Charles Lingham
Kiu-sang Ma
Jean Shirley Mathieson
Tarekech Mekete
Gillian Winifred Miles
Dorothy Helen Mills
John Francis Nurse
Marianne Page
Marion Paxton
David Arthur Pennock
James Pilling
Ranjan Guha Roy
Barbara Joan Sarkar
Gilian Norma Vince
Inger Margaret Windebank
Linda Wood

Diploma in Applied Social Studies 1967

DISTINCTION

Alison Gayford Cubitt

Christina Cecilia Tolaini
Jean Mary Wadsworth

PASS

Barry Stuart Bright
Michael William Capper
Robert Anthony Chapman
Jaqueline Heather Cornish
Anna Cunningham
Stanley Terence Hilton Dennis
George William Alred Ellington
David Fraser
Anne Mary Grace
Pamela June Gibbons
Sara Zoe Harcourt
Elizabeth Hart
Gwyneth Bransom Heady
Sara Gwendolen Hill
Hilmary Hunter
Hugh Francis Hyde
Mohipnarain Joynathsing
Valerie Kelly
Angela Mary Kirkland
Janette May Porterfield Laird
Wai-Chun Lee
Caroline Mary Ross McArthur
Joan McKeever
Dennis Mundy
Barbara Anne Murray
Stuart James Sellar
Hilary Clare Short
Jane Alison Straker
Trevor Frank Raymond Sturges
Susan Tear
Alan William Willis

Diploma in Personnel Management

PASS

Benjamin Bamidele Ayobolu
Vishwas Vasantrao Bagal
Margaret Elizabeth Fogg

Academic Awards: Diplomas

Elsir Abdalla Gahalla
Trevor Geen
Pauline Sylvia Gregory
Elizabeth Hale
Christopher Richard Handley
Roger David Harrison
John Steele Jennings
Patricia Marilyn Kane
Matthew Olufemi Kayode
Jerome Ignatious Lewis
Janet Isabel Mathieson
Susan Margaret Miller
Rosamund Marion Powner
Ali Ahmed Abdul Rahim
Peter George Raspison

John Wilson Robinson
Carole Shepherd
Robert Alan Smith
Gerald Brownson Stevenson
Brenda Maureen Mechthild Stringer
John Leslie Thompson
Ann Patricia Thornton
Margaret Louise Walker
Susan Worfolk

AEGROTAT
Denise Martin

Athletic awards

Steel-Maitland Cup
David Sydney Yaffe

Steel-Maitland Cup for Women

Wilson Potter Cup
Roger Dudley Evans

Ernest Cornwall Cup
Sailing Club

Wiseman Cup

Club Awards

Badminton: Men's Singles

Badminton: Men's Doubles

Badminton: Women's Singles

Badminton Mixed Doubles

S. H. Beaver Cricket Captain's Cup
Lionel James North

Cross-Country Club Cup
Kevin Michael McCahill

Lawn Tennis: Men's Singles
Russell Leonard King

Lawn Tennis: Women's Singles
Jill Rawson

Open Day Awards

100 Yards Challenge Race (Men)
Coln Aongus O'Muircheartaigh

440 Yards Challenge Race (Men)
Coln Aongus O'Muircheartaigh

Invitation One Mile Race (Men)
Derek Norman Pratt

Gutteridge Tug-of-War Cup
Rugby Club

Research

The School has, from its foundation, been a leading centre of research in social studies and has sought to provide good research facilities for members of the teaching staff and for graduate students. Furthermore, in order to preserve the freedom to staff to pursue research in their own way, the aim of the School has been of keep administrative organisation concerned with research to a minimum consistent with adequate financial control and flexible enough to allow for the variety of research undertaken and for the rapid changes in the ways in which research is pursued. However, as the section of the Report by the Director dealing with research clearly shows (pp. 59–60), the rapid and very considerable growth of expenditure on research has brought with it new problems and this has led to the setting up of a new Research Committee to examine them, to assess their implications and to advise upon their solution. This committee is now actively engaged upon this task, but in view of its complexity some time must elapse before the committee will be in a position to formulate all the recommendations that would appear to be needed in present circumstances. For that reason, the following paragraphs state what are the current arrangements of the School for meeting the needs of research, but even during this session it may be expected that changes to these arrangements will begin to be put into effect.

The Research Divisions

Five research divisions have been set up and within the framework of annual budgets the varying needs of members of the staff can be met by them. The divisions, which include most members of the teaching staff, are:

- (i) the Economics Research Division, which includes the staffs of the Economics and Economic History Departments
- (ii) the Geographical and Anthropological Research Division
- (iii) the Government Research Division
- (iv) the Legal Research Division
- (v) the Social Research Division, which includes the staffs of the Departments of Social Science and Administration and of Sociology
- (vi) the Statistics Research Division

Any member of the staff who does not belong to one of these divisions may seek assistance on an individual basis by application to the Research Committee, which keeps under review the applications submitted by research divisions and allocates funds available.

The divisions are concerned mainly with 'project research' and provide assistance to individual teachers on an *ad hoc* basis. Two divisions have, however, developed other functions:

- (a) The Economics Research Division has established a basic staff of research assistants, whose services are available to all members of the Division, and an Economic Documentation and Research Centre where information is collected. To this extent this division may be said to be becoming also a centre of 'subject research'.

Research

- (b) The Statistics Research Division also offers an advisory service to staff and graduate students throughout the School on statistical methods and their application, and maintains a small research library, the Leverhulme Library, for staff use.

A Unit in Operational Research has been established recently within this Division to provide a centre at which new theoretical problems in this field can be attacked, to provide graduate students with practical experience and to provide advice and information for operational research workers.

It is characteristic of much research in social studies today that it is co-operative in many different ways. Many projects are joint ventures in which several members of the staff share; some involve co-operation between several academic disciplines; some are pursued in collaboration with outside agencies, public and private, and with other colleges both in the United Kingdom and overseas. These have often been most fruitful in contributing both to the solution of urgent social and economic problems and to the enrichment of academic knowledge and the stimulation of the development of new techniques of enquiry.

The units described in the following paragraphs are mainly concerned with projects of this kind.

Building Management Research Unit

The Personnel Management section of the Department of Social Science and Administration has been financed by the Ministry of Public Buildings and Works to undertake research into 'Contract Management in the Building Industry'. The research objectives are to trace and evaluate the process of decision-making in a number of building projects, based upon specially chosen building projects currently under construction.

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

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

Greater London Group

This interdisciplinary group was formed in 1958, under the stimulus provided by the appointment of the Royal Commission on Local Government in Greater London. The appreciation of the value of the evidence which the Group presented to the Commission led to continued research into a number of subjects relating to local government in London and the South-East Region, the range of which is indicated by the appended list of publications.

The Group undertook in 1967 for the Royal Commission on Local Government a study in depth of local authorities in the South-East Economic Planning Region (excluding Greater London) with a view to throwing light on the working of the existing system of local government and examining possible forms of re-organisation likely to produce improved performance. The Group also prepared for the Royal Commission a report setting out what they considered to be the most important consequences of the London Government reforms and the lessons to be learnt from them. Both these reports have recently been published by the Royal Commission.

In the autumn of 1967 the Group began a new project concerned with transport

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and traffic administration in Greater London. A major object will be to examine the working of the various bodies with responsibilities in these fields and their inter-relationships.

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

The Group has received grants of £16,000 from the Nuffield Foundation, £8,000 from the Royal Commission on Local Government, £3,500 from the Ministry of Housing and Local Government and £2,000 from the City Parochial Foundation.

The Chairman of the Group is Professor W. A. Robson, the Vice-Chairman is Professor P. J. O. Self, the Secretary is Mr. G. Rhodes.

PUBLICATIONS

Greater London Papers

1. *Education in Greater London*,* A. V. Judges. 2. *Theories of Local Government*,* W. J. M. Mackenzie. 3. *The Greater London Boroughs*,* W. A. Robson. 4. *Housing in Greater London*,* J. B. Cullingworth. 5. *Health, Welfare and Democracy in Greater London*,* D. V. Donnison. 6. *Transport in Greater London*,* E. Davies. 7. *Town Planning in Greater London*,* P. J. O. Self. 8. *A Metropolis Votes*, L. J. Sharpe. 9. *The Heart of Greater London*, W. A. Robson. 10. *Research in Local Government*, L. J. Sharpe. 11. *Policies and Politics in Secondary Education*, D. Peschek and J. Brand. 12. *Town Government in South-East England*, G. Rhodes.

Books

London Government and the Welfare Services, S. K. Ruck.

Municipal Entertainment and the Arts in Greater London, S. K. Ruck.

* Public lectures delivered under the auspices of the Group.

Management Studies Research Division

The Management Studies Research Division, which is financed partly by funds drawn from outside bodies, is concerned primarily with the development of studies at the School germane to management problems, covering such fields as administrative theory, structure and procedures; mathematical and statistical methods applied to decision-making; computer programming and data processing; accounting for management; the economics and finance of public and private enterprises; and industrial relations. Its work is directed by a committee of management under the chairmanship of Professor H. C. Edey, consisting of Professor J. Durbin, Professor F. G. Foster, Professor B. C. Roberts, Miss B. N. Seear, Professor P. J. O. Self, Professor G. S. A. Wheatcroft and Professor B. S. Yamey.

Medical Research Council Unit

The Medical Research Council Unit was established at the School in April 1962 to study problems on the borderline of sociology and medicine. There are at present two sides to the work of the Unit. First, the National Survey of Health and Development; second, studies of family development being carried out by a branch of the Unit working in Waltham Forest.

The work of the National Survey covers three main areas: (a) the educational achievement of the 5,000 young people in the sample, more than 500 of whom are

Research

at present attending universities or training colleges. Miss Jean Ross is in charge of this part of the study; (b) the employment and vocational training of those who have left school and are not continuing with full-time education. This part of the study is in the charge of Mr. D. M. Nelson, who, with the help of youth employment officers throughout the country, is looking at further education and apprenticeship among school leavers, the types of job they have taken, their reasons for taking them and the time they have lost from work. This study is financed by a grant from the Social Science Research Council; (c) the home background, education record and emotional adjustment of those who come before the courts. This part of the Survey is supported by a grant from the Home Office.

The work of the Unit in Waltham Forest is concerned with the early experiences of children. Dr. J. Cooper and Dr. Annette Lawson have developed a method of recording the contacts and stimulation that children receive during their early years. Dr. Cooper has applied this technique to the study of children whose mothers are excessively houseproud or obsessional and Dr. Lawson has applied it to the study of children from two contrasting social groups. A more recent development is the use of observational methods to record the interactions between mothers and children, and between sibs, in certain standard situations. Dr. Anthony Costello and Mr. Keith Turner are the senior research workers in charge of these observational studies. The Director of the Unit is Dr. J. W. B. Douglas and the Secretary is Miss E. Pollard.

Population Investigation Committee

The Population Investigation Committee is a research group concerned with the study of demographic questions and has been housed at the School since World War II. It is affiliated with the School, acts as adviser to the School on questions of demographic research and teaching, and collaborates with the School in the provision of postgraduate training in demography. The Committee undertakes investigations into population problems and publishes a journal *Population Studies*.

A major investigation undertaken under the auspices of the Committee has been the National Survey of the Health and Development of Children, carried out in co-operation with the Institute of Child Health and the Society of Medical Officers of Health. Reports on the survey include twenty-four published papers and three books—*Maternity in Great Britain* by the National Survey Committee, *Children under Five* by J. W. B. Douglas and J. M. Blomfield and *The Home and the School* by J. W. B. Douglas.

A further extension of this study is continuing under the direction of Dr. Douglas through the unit (of which he is the Director) established by the Medical Research Council in collaboration with the School. (See page 108.)

The Committee is also co-operating with the Scottish Council for Research in Education in their follow-up survey of Scottish school children.

A study of changes in marriage and divorce in England and Wales over the past hundred years is being undertaken and several reports have been prepared. A collection of documentary materials on marriage and divorce has been built up and is being analysed.

The documentary study was complemented by a stratified sample survey covering a national sample of 3,000 households. This survey, multi-purpose in character, covered not only a number of aspects of marriage, but also detailed

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questions on fertility and birth control. Several papers have been published dealing in particular with the changing incidence of birth control practice in Great Britain.

Another major inquiry consisted of a demographic study of the British Peerage, covering a period from the beginning of the seventeenth century to the early twentieth century—a study of fundamental importance as a contribution to historical demography. The results of this study were published as a supplement to *Population Studies*—T. H. Hollingsworth, *The Demography of the British Peerage* (Supplement to Volume 18, No. 2, November, 1964).

During the past two years the research of the Population Investigation Committee has been focused more strictly upon questions of current marriage and fertility patterns in Britain. A pilot study was undertaken covering questions on family size and expected additional fertility as a basis for a national enquiry. A full-scale enquiry was launched in 1967. The Committee is also involved in research concerning population questions in developing countries.

The Committee has received financial support from many bodies including the following: Department of Scientific and Industrial Research, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Population Council Incorporated of New York and the Rockefeller Foundation. The Chairman of the Committee is Professor D. V. Glass; the Hon. Research Secretary is Mr. N. H. Carrier and the General Secretary is Mrs. D. Castle.

Survey Research Centre

The Survey Research Centre is concerned primarily with studies of the techniques of social and business research. It tests existing research procedures and develops and tests new or modified techniques where necessary.

Two major series of enquiries are in progress. The first is a long-term study in methodology for delinquency research. This enquiry began with the development of research techniques for use in studies of the development of juvenile stealing. One of these techniques is a procedure for eliciting from boys (in the general public) information about the nature and the extent of any stealing they have done. Another is a technique for identifying cause and effect with respect to the onset of stealing. These two techniques have since been used in a Centre enquiry based on 1,500 boys and designed to identify causal factors in the development of stealing amongst boys. Reports based on the series are now being prepared for issue in 1968 and 1969. Also within this series, the Centre is preparing a critical summary of the criminological literature which presents hypotheses, theories and findings about possible causes of juvenile delinquency. The whole series is supported by a grant from the Home Office.

The second of the Centre's research programmes is concerned with studies of information gathering through survey interviewing. The Centre has recently issued reports on the following: studies of the effects of tape-recording upon the accuracy of information collected in the survey interview; the effects upon response distribution of reversing the order of presentation of verbal rating scales; the accuracy of respondent statements about the amount of different commodities bought by them in some specified recent period; the nature and extent of respondent understanding of questions put to them in the survey interview; and order effects in the use of the Semantic Differential scaling system. In addition, reports are being

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prepared about several further checks on the efficiency of Semantic Differential scaling, about interviewer deviations from instructions and about a further study of the effects of reversing the order of presentation of verbal rating scales. Studies planned for 1968–69 include: further assessments of respondent accuracy in reporting behaviour and purchases; studies of the practical significance of *volunteered* information; studies of sources of error in the use of lists and inventories as tools of survey research; and studies of the influence of different question forms upon the nature and extent of interviewer bias. This series is supported on a long-term basis by approximately seventy business and research organisations in Britain, Europe, Canada and Australia.

The Centre is also setting up a programme of research into interviewer performance and an information service designed to provide enquirers with available information about different research techniques for use in social and business research. The services of the Centre's Analysis Section are now available to the School and its developing interviewer force will similarly be made available in the course of the year.

The Centre circulates reports of its work widely to university teachers, to other social scientists and to those conducting business research. It is directed by Dr. W. A. Belson with an Advisory Committee. Head of Crime Research is Mr. P. J. Didcott; Office Manager, Miss J. Mason; Head of Analysis, Mr. V. Thompson. It has a full-time staff of seven research personnel and eighteen clerical and technical supporting staff.

Unit for Economic and Statistical Studies on Higher Education

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

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

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Empirical Applications. Journal articles by members of the Unit are issued in the Unit's Reprint Series.

Financial support for the Unit comes from the Nuffield Foundation, the Department of Education and Science (four grants), the Social Science Research Council (two grants), the Ford Foundation, the Ministry of Overseas Development, the Ministry of Labour and O.E.C.D., and now totals some £300,000.

The Research Staff of the Unit is: Joint Directors, Professor C. A. Moser and Professor B. C. Roberts; Deputy Directors, Mr. P. R. G. Layard and Mr. G. L. Williams; Research Secretary, Miss J. A. Pinney; 3 Research Fellows; 2 Senior Research Officers; 6 Research Officers; 12 Research Assistants; and 7 Consultants.

Other Aspects of Research

Whilst some research activity is financed from School funds, the greater part of it is supported by public sources of research grants, by research foundations and by benefactions from industry and individuals. Reference to some of this support has been made in the preceding paragraphs about the larger units engaged upon co-operative projects. Particulars of gifts and grants received or notified in the session 1966-67 are given on pages 84-5 of the *Calendar* and these, together with earlier benefactions, have provided support for a wide range of other research projects, some of them extending over several years.

The School has also been glad to accept grants from outside bodies which have made possible the establishment of fellowships, thereby enabling scholars to undertake on a full-time basis investigations the pursuit of which would scarcely have been possible if combined with the heavy burdens of teaching duties.

Other aspects of the School related to the pursuit of research are dealt with in other parts of the *Calendar* where particulars will be found of the resources of the British Library of Political and Economic Science, one of the most important 'tools' for social scientists in the world and of the Graduate School and the facilities provided for graduate students.

This brief account of research in relation to the teaching and research staff of the School would not be complete without reference to the important contribution which the School makes by the training of research workers, many of whom thereafter carry their experience to newer centres of social studies both at home and abroad.

Computer Services

As members of London University, students and staff of the School have access to the University computer facilities. These currently comprise the ICT Atlas computer at 44 Gordon Square; the IBM 360/65 at University College; the ICT 1905E at Queen Mary College, the IBM 7094 at Imperial College, the ICT Atlas at Chilton, as well as the School's own IBM 1440 computer. Access to all these computers, with the exception of the IBM 7094 at Imperial College is free of charge. A small payment of between £15 and £20 per hour is levied for the use of the Imperial College machines. In addition, the School has an on-line terminal linked to a commercial time-sharing computer.

As a part of greatly extended London University computer facilities centred on a CDC 6600 to be installed in Guilford Street in the spring of 1969, the School will be directly linked with the central computer by remote batch and conver-

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sational terminals, and will share a CDC 1700 computer (also directly linked with the CDC 6600) at King's College.

A computer service comprising data preparation, computer operating, programming and advisory services, is provided under a Computer Services Manager. The Computer Services Manager is also responsible for liaison with the other computer services of the University. A very comprehensive range of programs designed for the use of social scientists is available to members of the School.

The Computer Services Manager is assisted in his duties by a Computer Services Management Committee, which is also responsible for the appraisal of the long-term computing requirements of the School. In addition, all departments are represented on a Computer Services Users Committee, which represents the views of computer users to the Manager and Management Committee.

Publications

by members of the staff from 1 August 1966 to 31 July 1967

(This list includes some publications which appeared too late in 1965-66 to be included in the report for that year.)

Accounting

Professor W. T. Baxter

- 'Asset Lives: The Choice of Optimum Length' (*Accountancy*, August 1966)
'General or Special Index?—Capital Maintenance Under Changing Prices' (*Journal UEC*, Vol. 3, 1967)

Mr. B. V. Carsberg

- 'The Contribution of P. D. Leake to the Theory of Goodwill Valuation' reprinted as a supplement to the 14th Report of the P. D. Leake Committee of the Institute of Chartered Accountants in England and Wales

Professor H. C. Edey

- 'The Principles and Aims of Budgetary Control' (*The Accountant*, June 1967)

Anthropology

Dr. B. Benedict

- (Editor and Introduction) *Problems of Smaller Territories* (Athlone Press, 1967)
'Sociological Aspects of Smallness' in B. Benedict (Ed.), *Problems of Smaller Territories* (Athlone Press, 1967)
'Mauritius' in *Americana Annual* (*The Encyclopedia Americana*, 1967)
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Statistics of Students**Analysis of Regular and Occasional Students, 1963-1968**

	Session 1963-64	Session 1964-65	Session 1965-66	Session 1966-67	Session 1967-68
REGULAR STUDENTS—					
First Degree	1478	1552	1634	1743	1669
First Diploma	79	81	80	83	73
Higher Degree	854	922	970	1206	1195
Higher Diploma and Certificate	247	225	220	198	166
Research Fee	189	138	125	137	81
Other Regular	150	101	89	111	78
TOTAL OF REGULAR STUDENTS	2997	3019	3118	3478	3262
OCCASIONAL STUDENTS	355	328	360	355	177
GRAND TOTAL	3352	3347	3478	3833	3439

Analysis of Overseas Students, 1963-1968

	Session 1963-64	Session 1964-65	Session 1965-66	Session 1966-67	Session 1967-68
REGULAR STUDENTS—					
First Degree	209	229	172	184	145
First Diploma	33	31	22	17	11
Higher Degree	453	471	403	583	519
Higher Diploma and Certificate	83	83	56	58	39
Research Fee	176	122	85	115	66
Other Regular	120	89	74	85	62
OCCASIONAL STUDENTS	145	208	216	198	84
TOTAL	1219	1233	1028	1240	926

141 NOTE: For a definition of the terms 'Regular' and 'Occasional' students see page 149.

Analysis of Regular and Occasional Students, 1966-1968

REGULAR STUDENTS		SESSION 1967-68						SESSION 1966-67											
		DAY STUDENTS			EVENING STUDENTS			Grand Total	DAY STUDENTS			EVENING STUDENTS			Grand Total				
		Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total					
B.Sc. (Economics)	1st year	247	40	287	999	23	2	25	88	1087	302	50	352	1067	23	3	26	117	1184
	2nd year	288	52	340		18	4	22			318	51	369		31	5	36		
	3rd year	320	52	372		16	1	17			300	46	346		17	1	18		
	4th year					20	4	24							18	3	21		
	5th year														15	1	16		
B.A. (Sociology)	1st year	7	12	19	60				195	195	2	15	17	62				183	
	2nd year	2	14	16		12	15	27			5	13	18						
	3rd year	11	14	25		23	27	50			16	23	39						
B.Sc. (Sociology)	1st year	21	29	50	135						19	13	32	121					
	2nd year	22	27	49		16	27	43											
	3rd year	13	23	36															
LL.B.	1st year	44	17	61	202	5	1	6	10	212	57	21	78	210	8	1	9	17	227
	2nd year	55	19	74		3	1	4			56	16	72		8	—	8		
	3rd year	53	14	67							52	8	60						
B.A. Honours Anthropology	2nd year	—	2	2	17					17	—	2	2	3				13	
B.Sc. (Special) Anthropology	2nd year	1	1	2		1	1	2											
B.Sc. Social Anthropology	1st year	2	5	7							1	7	8						
	2nd year	1	5	6	13														
B.A. Honours Geography	1st year				28				68	68	11	4	15	49				71	
	2nd year	10	4	14		6	8	14			8	12	20						
	3rd year	6	8	14		8	2	10			2	2	4						
B.Sc. (Special) Geography	2nd year	8	3	11	29						5	5	10	16				10	
	3rd year	8	3	11															
B.Sc. Geography	1st year	11	10	21		4	4	8											
	2nd year	4	4	8															
B.A. Honours History	1st year	10	6	16	44					44	9	3	12	42				42	
	2nd year	8	4	12		12	4	16											
	3rd year	12	4	16		6	8	14											

Analysis of Regular and Occasional Students, 1966-1968 (Cont.)

REGULAR STUDENTS		SESSION 1967-68						SESSION 1966-67														
		DAY STUDENTS			EVENING STUDENTS			Grand Total	DAY STUDENTS			EVENING STUDENTS			Grand Total							
		Men	Women	Total	Men	Women	Total		Men	Women	Total	Men	Women	Total								
B.A. Honours Philosophy and Economics	1st year	3	3	6	19				19	19	6	1	7	23				23				
	2nd year	5	1	6		5	—	5			5	5										
	3rd year	7	—	7		6	5	11														
B.A. French/Linguistics	1st year	4	9	13				13														
B.Sc. Mathematics	1st year	11	3	14				14														
M.Sc.	1st year	259	77	336	818	38	8	46	377	1195	309	90	399	829	38	10	48	377	1206			
	2nd year	68	24	92		46	8	54			36	8	44		36	6	42			37	7	44
M.Sc. (Economics)	2nd and subsequent years	26	5	31		10	1	11			13	7	20		14	5	19			14	5	19
Ph.D.	1st year	109	32	141	108	87	21	108	377	1195	104	20	124	829	81	16	97	377	1206			
	2nd and subsequent years	77	24	101		40	7	47			71	26	97		35	8	43			38	7	45
M.Phil.	1st year	43	12	55		54	12	66			33	9	42		38	7	45			13	—	13
	2nd and subsequent years	39	1	40	9	1	10	43	3	46	9	—	9	9	—	9						
LL.M.	1st year	2	—	2	67	9	—	9	14	81	6	—	6	110	1	—	1	27	137			
	2nd and subsequent years	—	—	—		6	4	10			3	6	9		11	5	16					
M.A. New regulations	1st year	—	1	1		8	1	9			73	24	97		16	5	21			4	2	6
	2nd and subsequent years	7	—	7	3	2	5	12	1	13	4	—	4									
Research Fee	1st year	40	20	60	67	8	1	9	14	81	73	24	97	110	16	5	21	27	137			
	2nd year	7	—	7		3	2	5			12	1	13		4	2	6					
University Academic Post-graduate Diploma: Anthropology	1st year	2	3	5				5			2	2	4						6			
	2nd year										—	2	2									
Diplomas awarded by the School:	Diploma in Applied Social Studies	22	7	29				29			10	22	32						32			
	Diploma in Development Administration	14	2	16				16			18	1	19						19			
	Diploma in Mental Health	5	24	29				29			10	22	32						32			
	Diploma in Operational Research													5	—		5		5			
	Diploma in Personnel Management	20	11	31				31			18	13	31						31			

Analysis of Regular and Occasional Students, 1966-1968 (Cont.)

REGULAR STUDENTS	SESSION 1967-68				SESSION 1966-67				Grand Total
	DAY STUDENTS		EVENING STUDENTS		DAY STUDENTS		EVENING STUDENTS		
	Men	Women	Total	Total	Men	Women	Total	Total	
Diploma in Social Administration:									
1 year course	15	41	56	129	15	41	56	139	139
2 year course	7	27	34	73	18	25	43	83	17
Graduate Diploma in Business Studies	18	21	39	62	16	1	17	79	79
General Course	39	23	62	1	62	17	79	11	11
Foreign Service Course	1	—	1	15	10	1	11	1	1
Overseas Service Course	15	—	15	—	1	—	1	20	20
Trade Union Studies	—	—	—	—	20	—	20	—	—
TOTAL OF REGULAR STUDENTS	2026	747	2773	489	2196	739	2935	543	3478
OCCASIONAL STUDENTS	104	73	177	79	165	120	285	70	355
Grand Total	2130	820	2950	410	2361	859	3220	613	3833

Statistics of Students

Analysis of Overseas¹ Students in Attendance at the London School of Economics during the Sessions 1962-1968

	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68
Balkan States ..	67 (57)	58 (52)	51 (46)	7 (7)	5 (5)	2 (2)
France ..	2 (—)	7 (5)	8 (6)	10 (5)	5 (5)	12 (7)
Germany ..	29 (17)	43 (32)	43 (25)	47 (24)	43 (28)	26 (22)
Greece ² ..	—	—	—	22 (20)	32 (29)	28 (25)
Holland ..	3 (2)	1 (1)	2 (2)	5 (5)	5 (4)	1 (1)
Italy ..	16 (11)	8 (8)	13 (7)	9 (4)	9 (6)	13 (7)
Poland ..	3 (3)	2 (2)	4 (4)	6 (6)	6 (6)	—
Russia ..	1 (1)	2 (2)	3 (3)	—	2 (2)	1 (1)
Scandinavia ..	14 (9)	17 (13)	11 (9)	14 (6)	9 (7)	8 (6)
Switzerland ..	9 (4)	6 (2)	4 (1)	3 (—)	7 (4)	8 (8)
Others ..	47 (32)	41 (37)	51 (40)	38 (29)	45 (40)	30 (27)
Total Europe ..	191 (136)	185 (154)	190 (143)	161 (106)	168 (136)	129 (106)
Burma ..	9 (9)	3 (3)	1 (1)	1 (1)	1 (1)	—
Ceylon ..	22 (19)	12 (12)	11 (11)	7 (7)	8 (7)	7 (6)
China ..	—	—	—	7 (6)	17 (8)	—
India ..	108 (102)	97 (94)	93 (87)	60 (58)	71 (69)	48 (42)
Malaysia ³ ..	—	—	—	—	—	23 (22)
Pakistan ..	29 (29)	42 (42)	42 (42)	29 (29)	33 (33)	32 (31)
Israel ..	20 (17)	24 (18)	18 (16)	6 (2)	27 (26)	20 (18)
Japan ..	25 (16)	25 (19)	22 (14)	16 (2)	20 (11)	7 (6)
Singapore ³ ..	—	—	—	—	—	10 (10)
Turkey ³ ..	—	—	—	15 (9)	17 (10)	16 (14)
Others ..	119 (103)	102 (93)	101 (86)	72 (58)	76 (72)	31 (30)
Total Asia ..	332 (295)	305 (281)	288 (257)	213 (172)	270 (237)	194 (179)
Ghana ..	34 (34)	29 (28)	24 (22)	13 (12)	25 (25)	24 (24)
Nigeria ..	90 (87)	80 (76)	71 (66)	55 (53)	54 (53)	36 (32)
United Arab Republic ..	15 (15)	16 (13)	16 (15)	13 (11)	5 (4)	3 (3)
Rhodesia ⁴ ..	—	—	—	—	—	11 (11)
South Africa ..	34 (32)	34 (33)	37 (32)	25 (23)	21 (21)	14 (14)
Others ..	47 (45)	57 (55)	56 (54)	47 (45)	52 (48)	33 (32)
Total Africa ..	220 (213)	216 (205)	204 (189)	153 (144)	157 (151)	121 (116)
Canada ..	93 (84)	87 (84)	92 (84)	74 (70)	103 (94)	112 (108)
United States ..	266 (191)	291 (225)	319 (236)	324 (243)	404 (316)	270 (250)
Others ..	6 (5)	5 (4)	6 (5)	1 (1)	11 (6)	10 (6)
Total North America ..	365 (280)	383 (313)	417 (325)	399 (314)	518 (416)	392 (364)
West Indies ..	33 (33)	34 (34)	43 (42)	23 (22)	27 (27)	16 (15)
Central America ..	11 (9)	4 (4)	2 (2)	4 (3)	4 (2)	9 (6)
South America ..	40 (24)	43 (36)	48 (30)	40 (20)	48 (28)	32 (25)
Australia ..	28 (27)	34 (32)	28 (25)	25 (22)	37 (34)	28 (26)
New Zealand ..	9 (9)	11 (11)	11 (11)	9 (9)	11 (11)	5 (5)
Fiji ..	2 (2)	2 (2)	2 (1)	1 (—)	—	—
Others ..	—	2 (2)	—	—	—	—
Total Oceania ..	39 (38)	49 (47)	41 (37)	35 (31)	48 (45)	33 (31)
Total ..	1231 (1028)	1219 (1074)	1233 (1025)	1028 (812)	1240 (1042)	926 (842)

The figures in brackets denote the number of Regular Students.

¹ In order that the figures for 1967-68 can be compared with those of previous years, the definition of an overseas student for the purposes of this table has been based on domicile, unlike the definition used in determining fees.

² Previously included in the Balkan States.

³ Previously included in Asia: Others.

⁴ Previously included in Africa: Others.

TABLE I
 SUMMARY OF REGULATIONS AND FACILITIES

Regulation No.	Facility	Year	Value	Value	Value
1001	...	1951	...	...	...
1002	...	1952	...	...	...
1003	...	1953	...	...	...
1004	...	1954	...	...	...
1005	...	1955	...	...	...
1006	...	1956	...	...	...
1007	...	1957	...	...	...
1008	...	1958	...	...	...
1009	...	1959	...	...	...
1010	...	1960	...	...	...
1011	...	1961	...	...	...
1012	...	1962	...	...	...
1013	...	1963	...	...	...
1014	...	1964	...	...	...
1015	...	1965	...	...	...
1016	...	1966	...	...	...
1017	...	1967	...	...	...
1018	...	1968	...	...	...
1019	...	1969	...	...	...
1020	...	1970	...	...	...

Part II: Regulations and Facilities

Admission of Students

1. Students are classified in the following categories:

- (a) Regular students—those paying a composition fee for a degree or diploma or for any other full course and students paying a research fee.
- (b) Occasional students—those paying a fee for one or more separate courses of lectures.

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

First Degrees

1. 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. *After* 15 September 1968, the Council's address will be G.P.O. Box 28, Cheltenham, Glos., and all completed application forms should be sent to that address. *Until* 15 September 1968, all correspondence should be sent to the U.C.C.A. at 29 Tavistock Square, W.C.1.

2. Students at school in the country 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. The cost, post free, is 3s. 0d. within the United Kingdom; 5s. 0d. within Europe; 9s. 0d. elsewhere.

3. Completed application forms must be returned to the U.C.C.A. and not to the School. The School's code number is **L LSE 44**. An overseas candidate should normally submit his form to the U.C.C.A. through one of the recognised agencies, such as the Ministry of Overseas Development or his own country's High Commissioner's Office, Students' Office, Embassy or Consulate General in the United Kingdom. British Council offices abroad can give helpful advice, but do not supply application forms or handbooks. Any student whose permanent home address is outside the U.K. will be classed as an overseas student **for U.C.C.A. purposes**.

4. The earliest date at which the U.C.C.A. is prepared to receive applications for admission in October 1969 is 15 September 1968. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1968, except for students who include Oxford or Cambridge in their choice of universities, who must submit their applications by 15 October 1968. However, all students are advised to submit their applications as soon as possible after 1 September and not to leave them until the last minute.

5. Before anyone can be considered for admission to a degree course he must either have satisfied the general requirements of the University of London and any additional requirements for the course for which he is applying, or intend to do so

Admission of Students

before the date on which he wishes to be admitted. The entrance requirements for the degree courses conducted by the School are set out briefly on pages 150–3. Full details may be found in the pamphlet *Regulations Relating to University Entrance Requirements* which may be obtained from the Secretary to the University Entrance Requirements Department, University of London, Senate House, Malet Street, London, W.C.1. Intending students are advised to obtain a copy of the regulations and to check that their qualifications are appropriate for the course they wish to follow.

6. The fact that a student has satisfied these general requirements does not mean that he will automatically obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. Candidates are usually expected to have reached a standard well above the pass mark in their qualifying examinations. The School reserves the right to call any student for personal interview and may also specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Some candidates may also be asked to take an Entrance Examination.

7. No person under the age of eighteen years will be admitted as a student without the Director's special permission. Any candidate who wishes to enter the School before his eighteenth birthday may be asked to write to the Academic Secretary, giving his reasons.

8. Candidates will be informed of the result of their applications through the U.C.C.A. Successful candidates will be admitted as regular students of the School on payment of the requisite fees and on presentation of a Statement of Eligibility to enter the University of London. They will receive an admission card, which must be produced at any time on demand.

9. No student is allowed to register or study concurrently for more than one examination of the University of London or of the School unless he has previously obtained in writing the permission of the Director of the School. Students studying for an examination of the University or of the School who wish to study at the same time for an examination held by an outside body are required to state this fact when applying for admission to the School. Students failing to disclose this fact are liable to have their registration cancelled.

University Entrance Requirements

All candidates for admission to degree courses at this School must, by the date on which they hope to be admitted, be able to satisfy:

- (a) the general requirements for admission to degree courses which are laid down by the University of London;
- (b) the course requirements (if any) for the particular degree course they wish to follow.

Candidates may satisfy the general entrance requirements by:

1. passing the General Certificate of Education examination, or an approved equivalent, in the required number of subjects, i.e.
either (a) two at advanced level and three at ordinary level,
or (b) three at advanced level and one at ordinary level;

Admission of Students

or 2. graduating in another university;

or 3. obtaining by examination a full practising professional qualification;

or 4. obtaining the Diploma in Technology;

or 5. applying under the regulations for Advanced Students in virtue of a Teacher's Certificate, awarded since 1962, after a course of study lasting three academic years in a Training College in England or Wales, or a three-year course of training in Northern Ireland since 1950;

or 6. by other qualifications to be considered by a Special Entrance Board. (See below.)

For a list of first degree courses and course requirements, see pages 152–3.

Additional Information for Overseas Students

Many students overseas will find it convenient to submit their applications to the U.C.C.A. through an established agency, such as their government's Students Office or High Commission, or the Ministry of Overseas Development; and students are advised to seek the help and advice of these agencies before submitting an application. Students who wish to do so, however, may send direct to the U.C.C.A. any application for admission to a first degree course at this School. Students who are in any doubt or difficulty over this procedure may write direct to the School for advice.

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

- (a) Those who do not hold the relevant British qualifications listed on pages 150–1, but who hold a qualification enabling them to enter a foreign university may be considered by a Special Entrance Board of the University of London. Such students should in the first instance apply for admission to the School through the U.C.C.A. If the School is willing to admit them it will forward their applications to the special board for consideration.
- (b) Students whose mother-tongue is not English will be required to give evidence of proficiency in the language before their applications can be considered.
- (c) Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available at least £600 a year in addition to the fees. They may also be asked to provide a medical certificate.
- (d) Intending students from overseas are strongly advised not to set out for this country unless they have received a definite offer of a place at the School.
- (e) There is further information on pages 158–61 about fees for overseas students.

Degree Courses and Course Requirements

All students must satisfy the University general requirements given on pages 150-1 as well as the course requirements for the particular degree they wish to take.

<i>Course</i>	<i>Degree</i>	<i>Faculty</i>	<i>Course Requirements</i>	<i>Additional Information</i>	<i>Page</i>
Anthropology	B.Sc.	Economics	—	O level pass in Mathematics is expected	214-5
Economics	B.Sc.(Econ.)	Economics	—	O level pass in Mathematics is expected	191-211
Geography	B.Sc.	Science	—	—	217-20
History	B.A.	Arts	Passes at O or A level in two approved foreign languages, one of which must be classical	—	220-1
Law	LL.B.	Laws	—	—	211-3
Language Studies: French & Linguistics German & Linguistics French & Russian French & Spanish German & French German & Russian German & Spanish	B.A.	Arts	For all combinations: ¹ passes at O or A level in two approved foreign languages. For the French & Spanish course a pass in Latin at O or A level is required	This is a four-year course, one year being spent abroad	221-3
Mathematics	B.Sc.	Economics	—	A level pass in Pure Mathematics is expected ²	223-4
Philosophy & Economics	B.A.	Arts	Passes at O or A level in two approved foreign languages	—	224-5
Sociology ³ (Branches I & II)	B.A.	Arts	Passes at O or A level in two approved foreign languages	O level pass in Mathematics is expected	226-8
Sociology ³ (Branches I, II & III)	B.Sc.	Economics	—	O level pass in Mathematics is expected	226-9
Social Psychology	B.Sc.	Economics	—	O level pass in Mathematics is expected	225-6

¹Passes at A level in the languages to be studied are normally required.

²Or its equivalent if taken under an Examination Board other than London.

³Apply for B.A. or B.Sc., not for both.

General Course Students

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

1. Applications for General Course registration will be considered from undergraduates who will have completed at least two years of study in a foreign university by the time of their enrolment at the School. Highly qualified graduate students who wish to 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 pp. 160 and 249).
2. General Course enrolment enables a student to attend lectures and receive tuition at the School for one academic year only.
3. The number of students admitted each year is strictly limited. Only students who propose to spend one whole session at the School will ordinarily be considered.
4. (a) At the beginning of the year a reception programme is arranged which includes an introductory talk by the Adviser to General Course students, who has general responsibility for all students in this category.
(b) Every student is allocated to a tutor, who will advise in the selection of courses and act throughout the session as supervisor.
(c) The student may attend most lecture courses and may also join classes.
(d) The student has full use of the Library without payment of any additional fee.
5. (a) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures and classes for which the student was registered, but does not include a detailed record of attendance.
(b) The student may apply to write not more than two examination papers in subjects of his own choosing. The results of any examinations are added to the registration certificate.
(c) A tutor's confidential report will also be made available, on request, to the student's home university.

The School does not grade students or award credits on the American model. Before committing themselves to attendance, 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 (Admissions) of the School. Completed applications must reach the School not later than 31 March before the opening of the session for which admission is sought.

Occasional Students

1. Occasional students are entitled to attend up to three courses, i.e. three hours a week, throughout the session. They are normally required to enrol for a complete course or for one term; registration for single lectures is not permitted. The fee for most courses is 10s. 0d. per hour.

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 (Admissions) of the School and return it at least four weeks before the opening of the term in which he wishes to attend.
4. Each applicant will be asked to state his qualifications for study at the School and the purpose for which he wishes to study, and he may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students will be accepted. Candidates for External degrees of this University may not normally be registered as Occasional students.
5. If the application is accepted the student will, on payment of the fees, receive a card of admission for the courses named thereon and must produce it on demand.
6. Occasional registration does not entitle a student to tutorial assistance. The teaching facilities are strictly limited to attendance at the courses for which the individual student is registered.
7. An Occasional student will be allowed full use of the Main Library but not of the Teaching Library.
8. At the end of his attendance a student will, on request, be given a typed certificate listing the courses for which he has been registered, but this certificate will not include a detailed record of attendance.

University Registration

Students of the School who are reading for degrees or diplomas of the University of London are registered by the School as internal students of the University.

Students reading for diplomas awarded by the School may register as associate students of the University.

Regulations for Students

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

1. All students shall obey all rules made and instructions given by the Director of the School or under his authority, and shall refrain from conduct derogatory to the character or welfare of the School.
2. The Director may at his discretion refuse to any applicant admission to a course of study at the School or continuance in a course beyond the normal period required for its completion. He may refuse to allow any student to renew his attendance at the School as from the beginning of any term, on the ground of the student's lack of ability or of industry, or for any other good cause.

Regulations for Students

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

Regulations for Students

- permission for any part of the proceedings of such a meeting to be reported or recorded by any broadcasting or television corporation or authority.
15. No student shall, without permission given by the Director or under his authority, bring or cause to be brought into any of the School premises (including Passfield Hall, Carr-Saunders Hall and the athletic ground at Malden) any alcoholic liquor.
 16. Bags, coats and other possessions of students must not be left in School premises in any place in which they may cause obstruction or danger. Cloakrooms, lockers and, in some cases, special racks are provided for the convenience of students, but the School does not accept liability for any loss of personal property of students or damage to it.
 17. No gambling or betting may take place on School premises.
 18. Only those games may be played on School premises for which a student society or club has been approved.
 19. The playing of cards on School premises is prohibited save:
 - (a) in any room which may from time to time be assigned for the purpose to a student society or club, and
 - (b) in accordance with the rules of that society or club.
 20. If any offence shall be committed against any of these regulations it shall not be excused by the fact that the offender may have acted on behalf of any group or organisation of students.
 21. For any breach of these regulations a student may be fined any sum not exceeding £5, be suspended either from all use of the School or from any particular privileges, or be expelled from the School.
 22. The penalties of expulsion and of suspension for more than three months may be inflicted only by the Board of Discipline constituted by the Governors, and students subjected to these penalties shall have the right of appeal from the Board to the Standing Committee of the Court of Governors. The other penalties may be inflicted by the Director or under his authority.
 23. In the absence of the Director or in his inability to act (including inability arising from the fact of his currently sitting as a member of the Board of Discipline) his power to suspend students may be exercised by any member of the staff of the School designated for the purpose.

Board of Discipline

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

Student Activities

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

Fees

(The fees stated are those which are applicable to the session 1968-69: they may not be valid thereafter.)

General Notes

1 Composition fees entitle students to:

- (a) the use of the Library;
 (b) membership of the Students' Union, and, for students working under inter-collegiate arrangements, the use of student common rooms of the other colleges at which they attend.

2 Degree composition fees cover lectures, classes, and individual supervision, and also lectures given at other colleges under intercollegiate arrangements.¹ They also cover University registration and examination fees except in the case of *part-time* students registered for higher degrees who must pay University registration and examination fees in addition to the School composition fees.

3 Following the decision of the Government, announced in December 1966, separate fees are payable by overseas students. The definition of overseas students is given on pages 160-1.

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

5 The sessional or terminal fees should be paid in full before the beginning of the session or term to which they relate.² Fees are not returnable, but applications for partial return of fees may be considered in exceptional circumstances. Adequate notice of withdrawal from the School should be given. Students who fail to notify the School of their withdrawal before the opening of term will be liable for the fees for that term.

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

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

8 The School does not issue receipts for payments by cheque unless specially requested.

¹The fees do not cover (a) board and travel costs of vacation field work which is compulsory for students proceeding to the B.A. or B.Sc. degrees in Geography, or to the B.Sc. (Econ.) degree with the special subject of Geography, (b) the year's residence abroad normally required for the B.A. degrees in Language Studies, (c) the cost of practical work and fees charged by social work agencies for students reading for School Diplomas in Applied Social Studies, Mental Health, Personnel Management and Social Administration.

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

Fees

Full-time Students	UNITED KINGDOM		OVERSEAS			
			Continuing ¹		New	
	Sessional	Terminal	Sessional	Terminal	Sessional	Terminal
All first degrees	£70	£24	£120	£41	£250	£85
M.Sc., M.A., LL.M.						
One-year course or first year of two-year course	£90	£31	£140	£48	£250	£85
Second year	£60	£21	£110	£38	£250	£85
Ph.D., M.Phil.	£77	£26	£127	£43	£250	£85
Research Fee	£60	£21	£110	£38	£250	£85
Continuation Fee	£10 ²	£4	£60 ³	£21	—	—
Academic Diploma in Social Anthropology	£70	£24	£120	£41	£250	£85
School Diplomas in:						
Applied Social Studies						
Mental Health						
Personnel Management	£70	£24	£120	£41	£250	£85
Social Administration						
Statistics						
School Diploma in Development Administration	£580	—	£580	—	£580	—
Trade Union Studies	£60	£21	£110	£38	£250	£85
General Course	£100	£34	—	—	£250	£85

Part-time Students	UNITED KINGDOM AND OVERSEAS	
	Sessional	Terminal
B.Sc. (Economics)	£25	£9
LL.B.	£32	£11
Ph.D., M.Phil., M.Sc., LL.M., Research Fee		
Students registering in 1968-69	£40*	£14*
Students registered prior to 1968-69 for these courses	£16*	£6*
Continuation Fee	£5 ²	—

All the above fees, except those marked with an asterisk, cover University Registration and Examination Fees.

¹i.e. Students who were on full-time or sandwich courses in the U.K. in April 1967 (see page 161).

²From October 1969 the continuation fee will be £20 full-time and £10 *part-time*.

³From October 1969 this fee will be raised to £70.

Fees

Notes:

- (i) Graduate students undertaking research not leading to a degree, or undertaking studies leading to a higher degree of a university other than London, will be classified as research students and be required to pay the research fee.
- (ii) The continuation fee is payable by a higher degree student who has completed his approved course of study, but has been permitted to continue his registration. It entitles him to receive advice from his supervising teacher and to attend one seminar, but not to attend any lecture courses. From October 1969, these arrangements will apply to full-time higher degree students who have been registered for three years at full fees, and part-time students who have been registered for four years.
- (iii) The fees cover attendance at all such courses at the School as a student may attend and at such courses at other institutions of the University as he may attend on the advice of his teachers and with the approval of the other institutions concerned.
- (iv) The fees for the LL.M. degree entitle the student to the advice and guidance of a supervising teacher and attendance at such lecture courses and seminars as are approved by the latter. A student spreading the work for the degree over two sessions may, with the consent of the teacher concerned, repeat a seminar or course already taken.
- (v) Part-time students reading for higher degrees are charged non-inclusive tuition fees plus a University registration fee of £5. They pay their own examination fee as follows:

	£	s.	d.
M.A., M.Sc., M.Phil. or LL.M.	25	0	0
Ph.D.	30	0	0

Fees for Occasional Students

Approved students are admitted on payment of appropriate fees, the amounts of which will be quoted on request. For general guidance it may be stated that the fee for most courses is 10s. per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £5.

Definition of "Overseas Students" for the Purpose of Fees

The following are not regarded as overseas students for the purpose of paying fees:

- 1 Any student who has been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin; a student who has been in the U.K. either at school or at a course of non-advanced further education is regarded as having been ordinarily resident in the U.K. during the period of such attendance.
- 2 Any student whose parents have been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin.
- 3 Any student who would have been ordinarily resident in the U.K. for at least three years immediately preceding the date his course is, or was, due to begin had he or his parents not been employed for the time being outside the U.K.
- 4 Any student aged under 21 at the date his course is, or was, due to begin if he and his parents have been ordinarily resident in the U.K. for at least one year immediately preceding that date.

Fees

5 Any student who for at least one year immediately preceding the date his or her course is, or was, due to begin, has been (a) ordinarily resident or on a full-time or sandwich course of higher education in the U.K., and (b) married to a person who has been ordinarily resident in the U.K. for at least three years immediately preceding that date.

All other students are regarded for the purpose of fees as overseas students for the duration of their course, including any student who has attended a full-time or sandwich course of higher education in the U.K. prior to embarking on a course at the School.

Eligibility for the limitation of the fee increase to £50 per annum

For all overseas students who were full-time or sandwich course students in the United Kingdom on 30 April 1967, the increase in fees to be charged shall be limited to £50 per annum above the fee charged to a home student on the same course, until the end of the academic year 1970-71. Where such an overseas student changes from one course to another, the fee to be charged to him on the new course shall be £50 per annum above the fee charged to a home student on the same course. This will apply whether or not the student changes institutions in changing his course.

Scholarships, Studentships, Exhibitions and Bursaries

The pages immediately following give particulars of the scholarships, studentships, exhibitions and bursaries made available by the School or by other authorities to students studying or hoping to study at the School. They are classified in the following categories:

(a) **Entrance awards**, open to those who seek to enter the School to read for a first degree.

(b) **Undergraduate awards**, open only to students already studying at the School. They are generally awarded either on the results of an Intermediate or Part I degree examination or on the student's record as an undergraduate.

(c) **Graduate awards**, open to graduates who wish to read for a higher degree of the University of London or to undertake research or advanced study.

(d) **Awards for Special Purposes:**

1. The S. H. Bailey Scholarship in International Studies (*see page 168*).
2. The Scholarship in International Law (*see page 168*).

Overseas applicants All the awards offered are open to overseas students, and there are some for which only overseas students may compete. One graduate entrance studentship is offered exclusively to students from overseas, on the basis of record only, and without interview. An interview at the School is, however, an essential part of the selection procedure for all other awards offered by the School and overseas candidates cannot be considered unless they are likely to be in England at the time when the selection is being made.

Entrance Scholarships awarded by the School

Candidates for these scholarships must apply separately for admission to the School through the Universities Central Council on Admissions by 15 December.

LEVERHULME ADULT SCHOLARSHIP

One Adult Scholarship, of the value of £100 per annum, will be offered annually by the School.

The regulations for this scholarship are:

1. Candidates must be not less than 23 years of age on 1 October in the year of award.
2. The scholarship shall be open equally to men and women.
3. A student who has already obtained a university degree shall not ordinarily be considered for this scholarship.
4. Candidates may be asked to submit an essay on an approved topic or to take the Entrance Examination (*see page 150*). Selected candidates will be interviewed.
5. Candidates must be in a position to comply with the University of London general requirements for admission to a first degree course or must enter for an

Scholarships, Studentships, Exhibitions, etc.

examination to enable them to comply with such requirements before 1 October in the year of award.

6. Candidates must have studied one or more subjects systematically since leaving school and must show evidence of promise in their work.

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

8. The successful candidate shall be required to register as a regular student of the School and to pursue a course of full-time study for one of the first degrees in the social sciences.

9. The scholarship shall not be awarded unless there is a candidate of sufficient merit.

Application forms may be obtained from the Senior Assistant Registrar of the School and should be returned not later than 15 December in the year preceding the year of award.

ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS

Entrance Scholarships have been established with the aid of funds provided by a number of business firms for students who wish to read for the B.Sc. (Econ.) degree and to specialise in Accounting and Finance, Economics (Analytical and Descriptive), Economics and Econometrics, Statistics or Computing; or to read for the B.Sc. degree in Mathematics in the Faculty of Economics. The value of each scholarship will be £550 a year; each scholar will be responsible for paying his own fees.

It is expected that one scholarship will be offered in 1969. In addition, a small number of awards of up to £100 may be offered to supplement local education authority awards. If required, a place in a hall of residence will be reserved for each scholar, though the scholar will, of course, be required to pay the normal hostel fees.

The regulations for these scholarships are:

1. The scholarships shall be open equally to men and women.
2. In making the awards, the School shall have regard to the candidates' school records and their performance in the examination for the General Certificate of Education. Candidates may also be required to attend an interview.
3. Successful candidates must satisfy the general requirements of the University of London before admission. They shall be required to have passed at least one of the Mathematics papers of the General Certificate of Education examination at advanced level in or before the year of award or to hold evidence of similar proficiency in Mathematics.
4. Scholars shall be required to register as full-time students of the School and to proceed to the internal degree of B.Sc. (Econ.) of the University of London and to offer one of the following subjects as their special subject in Part II of the degree examination:

Accounting and Finance
Economics (Analytical and Descriptive)
Economics and Econometrics
Statistics
Computing

Scholarships, Studentships, Exhibitions, etc.

or to read for the B.Sc. degree in Mathematics in the Faculty of Economics.

5. Scholars shall be entitled to the full value of the award. No account shall be taken of the parents' income or of income from any other source.

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

Application forms may be obtained from the Senior Assistant Registrar of the School and should be completed and returned not later than 30 November in the year preceding the year of award.

CHRISTIE EXHIBITION

An exhibition to the value of £40, founded in memory of the late Miss Mary Christie, will be offered for award every other year. The next award will probably be offered in 1969.

The regulations for this exhibition are:

1. Candidates must have attained the age of 20 years or, if a graduate, 21 years by 1 October in the year of award.
2. In making the award the School shall have regard to the candidates' academic records. Candidates may also be asked to attend an interview.
3. Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.
4. The holder of the exhibition shall pursue a diploma course in the department of Social Science and Administration at the School.
5. The exhibition shall be tenable for one year.

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

Entrance Scholarships and Exhibitions awarded by the University of London and other bodies

LOCH EXHIBITIONS

Two exhibitions to the value of £24 each, founded by a private benefactor in memory of the late Sir Charles Loch of the Charity Organisation Society, will be offered for award annually by the University of London.

The regulations for these exhibitions are:

1. Candidates must have attained the age of 20 years or, if a graduate, 21 years by 1 October in the year of award.
2. In making the awards the School shall have regard to the candidates' academic records. Candidates may also be asked to attend an interview.
3. Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.

Scholarships, Studentships, Exhibitions, etc.

4. Holders of the exhibitions shall pursue a diploma course in the department of Social Science and Administration at the School, and if a further year's tenure is granted, a further course in the same department.

5. The exhibitions shall be tenable for one year in the first instance, but may be renewed for a second year.

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

AWARDS OFFERED BY LOCAL AUTHORITIES

Local education authorities in England and Wales make awards for university study. Particulars of these may be obtained from education officers of counties or county boroughs. Details of the awards arrangements for first degree and comparable courses are set out in the pamphlet *Grants to Students* No. 1, obtainable from the Department of Education and Science or local education authorities.

STATE SCHOLARSHIPS FOR MATURE STUDENTS

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

Forms of application must be submitted by 15 November of the year before the candidate hopes to start his course of study.

Further particulars may be obtained from the Department of Education and Science (Awards), 13 Cornwall Terrace, Regent's Park, N.W.1.

SCHOLARSHIPS FOR MENTAL HEALTH COURSE

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

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

The Association of Certified and Corporate Accountants offers a scholarship of a value not exceeding £200 a year for three years or £600 in all during the currency of any one scholarship, to enable the recipient to pursue a course of study for the B.Sc. (Econ.) degree, specialising in Accounting and Finance or some other related subject approved by the Council of the Association, or for a higher degree similarly approved. Applications will be considered from members of the Association or from students who have passed Section I or Section II of the Association's Final Examination. The award may be made for full-time or for part-time study, the value being varied accordingly. Further particulars can be obtained from the Secretary of the Association at 22 Bedford Square, London, W.C.1.

Scholarships, Studentships, Exhibitions, etc.

SCHOLARSHIPS IN TRADE UNION STUDIES

The Trades Union Congress Educational Trust offers for award a number of scholarships and bursaries for full-time students for a one-year course in Trade Union Studies. Applicants for these scholarships must be members of organisations affiliated to the Trades Union Congress.

Further information may be obtained from the Secretary, T.U.C. Educational Trust, Congress House, Great Russell Street, London, W.C.1.

Scholarships awarded during Undergraduate Career by the School

UNDERGRADUATE SCHOLARSHIPS

At least three Undergraduate Scholarships of the value of £50 a year may be offered by the School annually.

The regulations for these scholarships are:

1. Day and evening students of the School shall be eligible.
2. Candidates must have completed not less than one year of a first degree course at the School.
3. The scholarships shall be awarded on the quality of the candidates' work at the School. Candidates may be required to attend an interview. These scholarships shall be awarded only if there are candidates of sufficient merit.
4. The scholarships shall be tenable for one or more years, extension beyond the first year being dependent upon satisfactory progress.
5. The scholarships shall be awarded in October of each year.

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

CHARTERED INSTITUTE OF SECRETARIES SCHOLARSHIP

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

The regulations for this scholarship are:

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

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

Scholarships, Studentships, Exhibitions, etc.

THE C. S. MACTAGGART SCHOLARSHIP

At least one C. S. Mactaggart Scholarship of the approximate value of £50 will be offered for award annually by the School.

The regulations for this scholarship are:

1. Day and evening students of the School reading for the B.Sc. (Econ.) degree shall be eligible. The successful candidate may for the time being, however, elect to continue his studies either as an evening or day student.
2. Candidates must have passed Part I of the B.Sc. (Econ.) degree examination.
3. The scholarship shall be awarded on the quality of the candidates' work at the School. Candidates may be required to attend an interview. The scholarship shall be awarded only if there is a candidate of sufficient merit.
4. The scholarship shall be tenable for one or more years, extension beyond the first year being dependent upon satisfactory progress.
5. The scholarship shall be awarded in October of each year.

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

HAROLD LASKI SCHOLARSHIP

An undergraduate scholarship will be offered by the School annually. The value of this scholarship will be the income of the fund for the preceding year and will normally be about £50.

The regulations for this scholarship are:

1. It shall be awarded to the student of the School who proposes to offer Government as his special subject in Part II of the B.Sc. (Econ.) examination and who achieves the best result among such students in the paper on British Government: An Introduction to Politics, in Part I. An award shall be made only if there is a candidate of sufficient merit.
2. The scholarship shall be tenable for one year.
3. The scholarship shall be awarded at the end of the Summer term in each year.

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

LILIAN KNOWLES SCHOLARSHIP

An undergraduate scholarship will be offered by the School annually. The value of this scholarship will be the income of the fund for the preceding year and will normally be about £45.

The regulations for this scholarship are:

1. It shall be awarded on the results of Part I of the B.Sc. (Econ.) examination to the student of the School intending to offer Economic History (Modern) or Economic History (Mediaeval) as his special subject in Part II of the examination achieving the best results among such students in Part I of the examination as a whole. An award shall be made only if there is a candidate of sufficient merit.
2. The scholarship shall be tenable for one year.
3. The scholarship shall be awarded at the end of the Summer term in each year.

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

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

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

The regulations for this scholarship are:

1. The scholarship shall be open equally to men and women.
2. The scholarship shall be open to all regular students of the School, but normally preference will be given to a student whose course at the School has included the study of International Relations.
3. The scholarship shall be awarded to enable the successful student to attend a session at the Academy of International Law at The Hague or in any other institute of international study or to gain experience of some suitable international organisation on a plan to be approved by the Director.
4. The scholarship shall be awarded only if there is a candidate of sufficient merit.
Candidates should make written application to the Director before 1 May in the year of award.

SCHOLARSHIP IN INTERNATIONAL LAW

The School will offer for award annually a scholarship in International Law; it will be of the value of £50.

The regulations for this scholarship are:

1. The scholarship shall be open equally to men and women.
2. The scholarship shall be open to all regular students of the School.
3. The scholarship shall be awarded to enable the successful candidate to attend a session at the Academy of International Law at The Hague.
4. The scholarship shall be awarded only if there is a candidate of sufficient merit.
Candidates should make written application to the Director before 1 May in the year of award.

SPECIAL BURSARIES

The School may offer a limited number of bursaries to assist full-time or evening students reading for first degrees. The amount of the bursaries will be equivalent to the fees which the student would otherwise be required to pay.

The regulations for these bursaries are:

1. Bursaries may be awarded to students who show financial need and whose record shows academic promise or merit.
2. They shall be open to day and evening students.
3. Holders of bursaries shall follow a first degree or diploma course at the School.
4. Each bursary shall be awarded for one year in the first instance.
5. Applications shall be accompanied by a full statement of the candidate's financial position showing clearly why he is unable to pursue his studies without financial assistance.

Application forms may be obtained from the Senior Assistant Registrar of the School.

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

BRYCE MEMORIAL SCHOLARSHIP

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

The regulations for this scholarship are:

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

No application is required. The Director will nominate candidates, who will be told when their names have been submitted.

CLOTHWORKERS' COMPANY'S EXHIBITIONS

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

The regulations for these exhibitions are:

1. The exhibitions are restricted to internal students (men), who must be prepared to take an honours degree and/or to take Holy Orders in the Church of England. Preference will be given to applicants intending to take Holy Orders, but the exhibitions are open to any candidate who is proceeding to an honours degree. (Candidates for the LL.B. degree must have passed the Intermediate examination in Laws.)
2. The exhibitions will be tenable for two years.
3. They will be available during the second and third years of the degree course.
4. Applicants must be British subjects by birth.
5. Applicants' financial circumstances may be taken into account.

No application is required. The Director will nominate candidates, who will be told when their names have been submitted.

METCALFE SCHOLARSHIP

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

The regulations for this scholarship are:

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

No application is required. Students selected for interview will be informed.

STERN SCHOLARSHIPS IN COMMERCE

Two Sir Edward Stern Scholarships each of the value of £40 (at present supplemented to £100), will be awarded annually in October.

Scholarships, Studentships, Exhibitions, etc.

The regulations for these scholarships are:

1. Candidates must be of British nationality.
2. The scholarships will be awarded on the results of Part I of the B.Sc. (Econ.) examination to students proposing to take a subject of commercial interest, e.g. Industry and Trade, Accounting and Finance, Monetary Economics or appropriate subjects in Economics (Analytical and Descriptive) as the special subject in Part II of the examination.

No application is required. Students selected for interview will be informed.

GRAHAM WALLAS MEMORIAL SCHOLARSHIP

A Graham Wallas Memorial Scholarship, founded by friends of the late Professor Graham Wallas for the encouragement of studies in his particular field of learning, will be awarded annually until further notice. The scholarship will be of the value of £40 a year.

The regulations for this scholarship are:

1. The scholarship is open to any student working as an internal student of the University for the B.Sc. (Econ.) (with the special subject of Government or Sociology), the B.Sc. (Sociology), the B.A. degree in Sociology, or the B.A. or B.Sc. degree in Psychology, and who has completed satisfactorily one year of the course for the relevant degree in the University.
2. The scholarship will be tenable in the first instance for one year, but may be renewed on application.

Applications for the scholarship on a prescribed form, addressed to the Secretary of the Scholarships Committee, University of London, Senate House, W.C.1, and accompanied by the names and addresses of not more than two referees must reach the University not later than 1 September in the year of award.

Scholarships and Studentships for Graduate Work awarded by the School

Note for overseas students.—The attention of students from overseas is particularly directed to the conditions of award for graduate studentships offered by the School. The awards are not made until the beginning of the session for which they are offered and, save in the case of the Leverhulme Graduate Entrance Studentship for Overseas Students, final selection is by competitive interview at the School. Competition for the studentships is keen, and students from overseas should not come to the School in the expectation of securing an award. They should have sufficient resources to maintain themselves during their course of study.

GRADUATE STUDENTSHIPS IN ECONOMICS¹

Graduate Studentships will be offered for full-time advanced study in Economics, widely interpreted. These studentships are intended to enable recent graduates to

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

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spend at least a year in the Graduate School in organised courses or supervised research.

The regulations for these studentships are:

1. They shall be open primarily to graduates of United Kingdom universities with First or good Second Class Honours degrees in Economics, or other appropriate subjects, who obtain such degrees in the year of award.
2. Each studentship shall be tenable for one year in the first instance, but may in a limited number of cases be extended for not more than two further years.
3. Each studentship shall be of the value of £750 a year in the first year, together with all appropriate fees. The value of the studentship may be increased if it is renewed for a second or third year.
4. Each holder of a studentship shall be required to register as a full-time student in the Graduate School and to follow a prescribed course of study or undertake approved research.
5. The holder of a studentship shall undertake no paid employment without the permission of the Director.

Applications should be made by letter to the *Secretary of the Economics Department* by 1 March.

Separate application for admission to the Graduate School must be made at the same time to the *Secretary of the Graduate School*.

GRADUATE STUDENTSHIPS

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

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of £500 a year together with tuition fees.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. The holder of a studentship shall undertake no paid employment without the permission of the Director.
5. Each studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
6. Awards shall be made only if there are candidates of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 6 September. Candidates should submit an outline of their proposed programme of advanced study or research and are also invited to send original work, either published or in typescript, in support of their application. They should also submit the names of two referees.

LEVERHULME RESEARCH STUDENTSHIPS

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

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The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall be of the value of £500 a year together with tuition fees.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. The holder of a studentship shall undertake no paid employment without the permission of the Director.
5. Each studentship shall be tenable for one year only.
6. Awards shall be made only if there are candidates of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 6 September. Candidates should submit an outline of their proposed programme of advanced study or research and are also invited to send original work, either published or in typescript, in support of their application. They should also submit the names of two referees.

LEVERHULME GRADUATE ENTRANCE STUDENTSHIP FOR OVERSEAS STUDENTS

One Graduate Studentship for overseas (excluding Commonwealth) students may be offered annually for graduate work in the social sciences.

The regulations for this studentship are:

1. It shall be open to men and women who are graduates of an overseas university or who expect to become graduates of such a university before October in the year of award.
2. No person who is or who has been a student of the School shall normally be eligible.
3. The studentship shall be of the value of £500 a year together with tuition fees.
4. The successful candidate shall be required to register as a full-time student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
5. The holder of the studentship shall undertake no paid employment without the permission of the Director.
6. The studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.
7. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made by letter which should reach the Secretary of the Graduate School by 30 April. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application unless this information has already been sent to the School. They should give the names of two persons whom they should ask to write direct to the Secretary of the Graduate School to report on their suitability for the award. Candidates are responsible for seeing that these letters are sent in support of their application.

LEVERHULME RESEARCH STUDENTSHIP FOR OVERSEAS STUDENTS

A Graduate Studentship will be offered annually to enable an overseas (excluding

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Commonwealth) student to continue with full-time graduate work at the School leading to a higher degree of the University of London.

The regulations for this studentship are:

1. The award shall be restricted to students who are not graduates of the University of London and who have been registered at the School as graduate students throughout the session previous to that in which they wish to hold the award.
2. The studentship shall be of the value of £500 a year together with tuition fees.
3. The successful candidate shall be required to continue as a full-time graduate student of the School.
4. The holder of the studentship shall undertake no paid employment without the permission of the Director.
5. The award shall be tenable for one year only.
6. An award shall be made only if there is a candidate of sufficient merit.

An announcement concerning the award will appear on the scholarships notice-board in the School at the beginning of the Summer term. Applications must be made by letter addressed to the Secretary of the Graduate School.

THE JACKSON LEWIS SCHOLARSHIP

The Jackson Lewis Scholarship, founded under the will of Mr. H. L. Jackson, a former student, will be offered every other year to enable the holder to undertake graduate work in the social sciences.

The regulations for this scholarship are:

1. It shall be open to graduates of any university.
2. The scholarship shall be of the value of at least £300 a year.
3. The successful candidate shall be required to register as a full-time student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
4. The holder of the scholarship shall undertake no paid employment without the permission of the Director.
5. Subject to satisfactory progress the scholarship shall normally be tenable for two years.
6. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made by letter addressed to the Secretary of the Graduate School by 6 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application. They should also submit the names of two referees.

GREEK SHIPOWNERS' STUDENTSHIPS FOR GRADUATE STUDENTS

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

The regulations for the studentships are:

1. The value of each studentship shall be not less than £300 a year, the student being required to pay his own fees.
2. The studentships shall be open to men and women of Greek nationality who are university graduates or expect before October in the year of award to become

graduates and who intend upon completion of their studies to return to Greece.

3. Candidates must satisfy the selection committee as to their need of financial assistance to follow the course proposed.

4. Each student shall be required to read at the School as a full-time student for a higher degree of the University of London, or to follow at the School some other graduate course approved by the Director.

5. Each Studentship shall be tenable at the School for one year in the first instance, but may be renewed for a second year if the student's progress is satisfactory.

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

Applications must be received by 6 September for awards tenable from the following October and should be sent to the Secretary of the Graduate School.

MONTAGUE BURTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

The School offers annually one or more graduate studentships, each of the value of £40, to enable the holders to pursue research, or to read for a higher degree in International Relations under the direction of the Montague Burton Professor of International Relations.

The regulations for these studentships are:

1. The awards shall be open to graduates in the Humanities or the Social Sciences of any university.

2. Applicants need not necessarily have any formal grounding in any particular branch of International Studies.

3. In awarding the studentships the School shall have regard to the desire of those who founded this endowment by giving preference to those students who wish to qualify themselves for university teaching in International Relations, the subject in which the Montague Burton Professorship was established.

4. The awards shall be tenable for up to two years.

5. In exceptional circumstances, the School may grant a maintenance allowance to the holder of one of these studentships.

Applications for the awards should be made on a form which can be obtained from the Secretary of the Graduate School and must be returned to her by 6 September.

GRADUATE STUDENTSHIPS IN INTERNATIONAL STUDIES

With the aid of a grant provided by the Ford Foundation, a number of Graduate Studentships are offered annually to enable the holders to read for a higher degree at the School in the field of International Studies, and especially on some aspect of contemporary China or the Soviet Union or Eastern Europe. The term International Studies in this context includes the study of the politics, economics, social structure or modern history of a single country or group of countries in the areas listed, as well as the relationships between these areas and other parts of the world. Some

preference will be given to applicants intending to make their career in International Studies, particularly in university teaching.

The regulations for these studentships are:

1. They shall be open to graduates of any university with a first class or high second class honours degree in the Humanities or the Social Sciences (particularly Economics, History, International Relations or Politics).

2. The studentships shall be tenable for one year in the first instance, but they will normally be renewable for at least a further two years, subject to satisfactory progress.

3. Each studentship shall be of the value of £750 a year together with all appropriate fees.

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

5. The holder of a studentship shall undertake no paid employment without the permission of the Director.

6. Awards shall be made only if there are candidates of sufficient merit.

Applications should be made by letter, giving full particulars of the applicant's qualifications, some indication of the field of advanced study or research in which the applicant is interested, and the names of two referees, and should reach the Secretary of the Graduate School by 30 April in the year of award.

NOEL BUXTON STUDENTSHIP IN INTERNATIONAL RELATIONS

With the aid of a grant provided by the Noel Buxton Trust, a Research Studentship in International Relations tenable at the London School of Economics and Political Science has been established for a limited period. It is intended to offer an award every other year; the next studentship may be offered in 1969.

The regulations for the studentship are:

1. It shall be open to men and women who are graduates of a university.

2. The field for research or study shall be any subject calculated to promote the better understanding of the problems of international peace and security (including disarmament). Some preference, however, may be given to subjects associated with one or other of the more urgent international problems of the day.

3. The holder of the studentship shall be required to follow an approved course of study or research in the field defined in regulation 2, whether leading to a higher degree or not.

4. The value of each studentship shall not exceed £1,000 a year. It shall normally be held for a period of not less than two years at a time.

Applications for the studentship, which should be in writing, must give full particulars of the applicant's career and of his interest in the relevant field of study and must be received by the Secretary of the Graduate School by 30 April in the year of the award. The names of two referees should be given.

(In exceptional circumstances applications may be considered from candidates who expect to graduate before October in the year of award.)

HUTCHINS STUDENTSHIP FOR WOMEN

A studentship is offered for award every third year to women students. Its value will be the income of the Hutchins Fund for three years preceding the date of the award, and will normally be about £320. It is intended to promote the execution of definite pieces of original work preferably in Economic History, or if no suitable candidate is forthcoming in that field, in some branch of Social Science. The next studentship may be offered in 1970.

The regulations for this studentship are:

1. The studentship shall be open to women students who are graduates or possess the necessary qualifications to undertake research.
2. The subject of research shall be approved by the Director of the School.
3. Each holder of the studentship shall be required to register as a full-time student of the School and shall undertake no paid employment without the permission of the Director.
4. The studentship shall be tenable for one year only.

Applications should be made on the prescribed form which can be obtained from the Secretary of the Graduate School. The closing date for entry is 6 September in the year of award.

EILEEN POWER STUDENTSHIP

An Eileen Power Studentship in social and economic history, founded by the friends of the late Professor Eileen Power, will be awarded every second or fourth year until further notice. The studentship, which is designed for students of graduate standing, may next be offered for award in 1969. The studentship is of the value of at least £650, and is tenable with other emoluments.

The regulations for this studentship are:

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

When the studentship has been advertised application should be made by letter addressed to the Senior Assistant Registrar of the School. There are no special application forms.

REES JEFFREYS STUDENTSHIP IN TRANSPORT

The School will offer for award annually one studentship in Transport provided in part from funds from an endowment created for the purposes of the studentship by the late Mr. Rees Jeffreys and in part by the trustees of the Rees Jeffreys Road Fund.

The regulations for this studentship are as follows:

1. It shall be open both to men and women who are graduates of a university; and

also to persons who are or have been engaged in the operation or administration of transport, the construction of transport facilities or the manufacture of transport equipment.

2. The field for research or study shall be in subjects relating to the economics of transport, and to the balanced development of the various forms of transport.
3. The holder of the studentship shall be required to register at the School as a full-time student and to undertake advanced study or research; his programme of work must have the approval of the Director.
4. The value of the studentship shall not exceed £750 a year.
5. The studentship shall be tenable at the School for one year in the first instance, but can in appropriate circumstances be renewed for a second year.

Applications for the studentship should be made on a form which can be obtained from the Secretary of the Graduate School and must be returned to her by 31 May.

ACWORTH SCHOLARSHIP

(This scholarship may be held in addition to other awards.)

An Acworth Scholarship of the approximate value of £90 a year will be offered for award by the School for graduate work relating to inland transport subjects.

The regulations for this scholarship are:

1. The scholarship shall be open to graduates of any university.
2. The successful candidate shall be required to register as a graduate student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
3. The scholarship shall be tenable for one year in the first instance, but may be renewed.
4. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 6 September, together with the names of two referees. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application.

ROSEBERY STUDENTSHIP

(This studentship may be held in addition to other awards.)

A Rosebery Studentship of the value of £100 a year will be offered for award by the School for graduate work in the social sciences. Preference will be given to candidates including some aspect of transport in their studies.

The regulations for this studentship are:

1. The studentship shall be open to graduates of any university.
2. The successful candidate shall be required to register as a graduate student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.
3. The studentship shall be tenable for one year in the first instance, but may be renewed.
4. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 6 September, together with the names of two referees. Candidates should submit an outline of their proposed

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

MANOR TRUST

As a memorial to the late Mr. Albert Palache the Manor Trust has made available to the School a small fund to assist students who wish to undertake graduate work in the following subjects:

- Accounting and Finance
- Economics
- Econometrics
- Industrial Relations
- Operational Research

and who are unable to secure financial assistance from other sources.

The fund is administered by the Scholarships and Prizes Committee of the School.

Further information may be obtained from the Senior Assistant Registrar.

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

(See page 168.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 168.)

BURSARIES FOR GRADUATE STUDENTS

The School may offer a limited number of bursaries to assist graduate students to proceed with advanced study or research. The amount of the bursaries will be equivalent to the value of the tuition fees which the students would otherwise be required to pay.

The regulations for these bursaries are:

1. Bursaries may be awarded to students who show financial need and whose records show academic promise or merit.
2. They shall be open equally to day and evening students.
3. The successful candidate shall follow a course of advanced study or research approved by the Director.
4. The bursaries shall be awarded for one year in the first instance.
5. Applications shall be accompanied by a full statement of the candidate's financial position showing clearly why he is unable to pursue advanced study or research without financial assistance.
6. Bursaries are not normally awarded in the first year of advanced work.

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

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

STATE STUDENTSHIPS

The Department of Education and Science offers Major State Studentships and

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State Studentships for research or advanced study in the Humanities.¹ The awards are open to graduates of British universities who, if they are proceeding to graduate studies immediately after undergraduate studies, must have been ordinarily resident in England or Wales for at least three years immediately preceding the start of the undergraduate studies.² They have at present a maximum value of £500 (or £380 if the student lives at home), plus tuition and examination fees. The maintenance grant will be awarded without reference to the income of the student's parents.

The awards are made by the Department of Education and Science each summer on the basis of recommendations made by British universities during the Lent term. Students of the School who wish to undertake graduate work with the aid of state studentships of either kind should apply to the Senior Assistant Registrar by a date in the Lent term which will be announced on the scholarships notice-board in the main entrance hall of the School. Every student seeking nomination must be supported by two sponsors, normally members of the teaching staff.

SOCIAL SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The Social Science Research Council offers Research Studentships and Advanced Course Studentships for Research or Advanced Study in the Social Sciences. For the purposes of these awards the Social Sciences are defined as the following subjects:

- | | |
|-----------------------------|------------------------------------|
| Accountancy | International Relations |
| Anthropology | Political Science |
| Demography | Regional Planning |
| Economics | Social Psychology |
| Econometrics | ⁴ Social Administration |
| Economic and Social History | Sociology |
| ³ Geography | Social Statistics |
| Industrial Relations | |

SCIENCE RESEARCH COUNCIL ADVANCED COURSE AND RESEARCH STUDENTSHIPS

The Science Research Council includes the following subjects among those it recognises for its Advanced Course and Research Studentships:

- Operational Research
- Statistics

Applicants for S.S.R.C. or S.R.C. Studentships should be British subjects normally resident in Great Britain, hold a good honours degree and normally be under 27 years of age on 1 October.

¹Students wishing to do graduate work at the School in Geography (excluding Human Geography), History (excluding Economic and Social History), Language Studies, Law or Philosophy should apply for a State, or Major State Studentship.

²In other cases, students must have been ordinarily resident in England or Wales for at least three years immediately preceding the start of the graduate studies, ignoring for this purpose any period spent on the undergraduate studies.

³Excluding Cartography and Physical Geography.

⁴Excluding Option B.

Scholarships, Studentships, Exhibitions, etc.

The School will be given quotas of awards at the end of April or the beginning of May and will then be able to put forward applications to both these bodies for consideration. Confirmation of the awards will not be given by the S.S.R.C. or the S.R.C. until the degree results are known. Students who would like to obtain one of these studentships should state that they wish to do so when applying to the Secretary of the Graduate School for admission.

Students cannot apply direct to the S.S.R.C. or to the S.R.C.

METCALFE STUDENTSHIP

A studentship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University, provided a candidate of sufficient merit presents herself. Until further notice the value of the studentship will be not less than £120 in the case of a full-time student, and not less than £60 in the case of a part-time student. Candidates who do not know the result of their degree examinations may make provisional application.

The regulations for this studentship are:

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

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

LEON FELLOWSHIP

A fellowship has been founded under the will of Mr. Arthur Lewis Leon for the promotion of graduate or advanced research work in any subject, but preferably in the field of Economics or Education. The value of the fellowship will be not less than £1,200 a year. The fellowship will be offered for award from time to time as funds permit (normally biennially), provided that there is a candidate of sufficient merit.

The regulations for this fellowship are:

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

Scholarships, Studentships, Exhibitions, etc.

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

INSTITUTE OF COMMONWEALTH STUDIES JUNIOR RESEARCH FELLOWSHIPS

1. The Institute offers the Henry Charles Chapman Junior Research Fellowship and the Dame Lillian Penson Junior Research Fellowship in Commonwealth Studies for research relating to the history, or to the contemporary social, economic, or political problems of the Commonwealth or any overseas part of it.
2. The Henry Charles Chapman Junior Research Fellowship was established and is maintained with the income from a bequest to the University by the late Mr. Henry Charles Chapman for promoting the study of the history of the British Commonwealth, its problems and world responsibility. The Dame Lillian Penson Junior Research Fellowship was instituted as a memorial to the late Professor Dame Lillian Penson.
3. The annual value of each Junior Research Fellowship will be in the range £650-£850 or such smaller sum as will ensure that the holder's total income from scholarships is not less than £650 a year. In addition, tuition fees in the University of London incurred by the holder of a Fellowship for his approved programme of work may be defrayed by the Institute where these fees have not otherwise been provided for.
4. The amount of each Fellowship will be payable in quarterly instalments, each instalment (with the exception of the first, which will be paid in advance) being payable only on receipt by the Institute of a satisfactory report on the Fellow's progress and conduct.
5. The Fellowships will normally be awarded to graduates of at least one year's standing of any university of the United Kingdom or elsewhere in the Commonwealth. Only graduates of at least two years' standing can be considered for a Fellowship of annual value higher than £650. Each Fellowship will be tenable for one year in the first instance, with the possibility of renewal for a second year at the discretion of the Committee of Management of the Institute. Holders of the Fellowships will be required to devote their full time to their subject of research and, unless already registered for a higher degree in the University of London, will normally be required to register for such a degree.
6. Candidates placed on the short list may be required to attend at the Institute for interview.
7. Applications (4 copies) on the prescribed form, must reach the Secretary, Institute of Commonwealth Studies, 27 Russell Square, London, W.C.1, not later than 1 March.

UNIVERSITY POSTGRADUATE STUDENTSHIPS

A number of Postgraduate Studentships of £525 a year, plus tuition and registration fees and, under certain conditions, payment of higher degree examination fees and a grant of up to £50 towards the cost of producing a thesis, will be awarded annually by the University provided candidates of sufficient merit present themselves.

Scholarships, Studentships, Exhibitions, etc.

The regulations for these studentships are:

1. Candidates may be internal or external graduates of the University, in any faculty.
2. Candidates must have taken their first degree not more than three years previous to the date of the award.
3. The studentships are tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Scholarships Committee of the University.

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

UNIVERSITY STUDENTSHIPS

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

The regulations for these studentships are:

1. The studentships are open to internal and external students and will be awarded on the results of the Final examination in each of the particular subjects.
2. Successful candidates must satisfy the University of their intention to pursue a full-time course of advanced study or research and will be required to submit periodical reports on the progress of their studies during the tenure of their studentships.
3. The holder of a studentship will normally be required to carry out his graduate work in a school or institution of the University.

No special application need be made. Suitable students are automatically considered on the results of the final examinations. The awards will be made by the University Scholarships Committee after consideration of reports from the relevant examiners.

Further information can be obtained from the Secretary to the Scholarships Committee, University of London, W.C.1.

WILLIAM LINCOLN SHELLEY STUDENTSHIP

The William Lincoln Shelley Studentship founded under the will of Mr. William Lincoln Shelley, will be awarded from time to time to a graduate of the University of London for advanced study or research in any subject. Until further notice the value of the studentship will be £275¹ a year.

The regulations for this studentship are:

1. Candidates must be graduates in this University of not more than three years' standing.

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

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2. The holder of the studentship will normally be required to carry out graduate studies in a school or institute of the University from the beginning of the University session following the award, and must satisfy the University of his intention to pursue a full-time course of research or of advanced study of a graduate nature directed towards a project of research.
3. Candidates must submit a scheme of work for the approval of the University of London.
4. The studentship will be awarded either for one year or for two years in the first instance.
5. The award will be made by the Scholarships Committee following a competitive interview.

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

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

UNIVERSITY POSTGRADUATE TRAVELLING STUDENTSHIPS

A number of Postgraduate Travelling Studentships will be awarded annually by the University if candidates of sufficient merit present themselves.

The regulations for these studentships are:

1. Candidates may be internal or external graduates of the University, in any faculty.
2. Candidates must not have completed their 28th year on or before 1 June in the year of award.
3. Successful candidates must spend the year of tenure abroad and must submit a scheme of work for the approval of the University.
4. The value of the studentships will be fixed in relation to the estimated expenses of the successful candidates.
5. The studentships will be tenable for one year.

Applications must be received by 1 March in the year of award by the Secretary to the Scholarships Committee, University of London, W.C.1, from whom further information can be obtained.

NOTE—Candidates are not eligible to apply until the session after they have graduated in this University.

DERBY STUDENTSHIP

A Derby Studentship in History will be awarded annually by the University on the results of the final examination for the B.A. Honours degree. The value of the studentship will be £100 and it will be tenable for one year. It can be held concurrently with a University Studentship awarded on the results of the final examination, or other award. No special application is necessary; the studentship will be awarded by the Scholarships Committee after considering reports from the Examiners.

Scholarships, Studentships, Exhibitions, etc.

GERSTENBERG STUDENTSHIP

A Gerstenberg Studentship will be awarded annually by the University on the results of the final examination for the B.Sc. (Econ.) degree. The value of the studentship will be £100 and it will be tenable for one year. It can be held concurrently with a University Studentship awarded on the results of the final examination, or other award. No special application is necessary; the studentship will be awarded by the Scholarships Committee after considering reports from the Examiners.

SCHOLARSHIP IN LAWS

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

RESEARCH FELLOWSHIPS IN HISTORY

1. The Senate offers a number of Research Fellowships in History tenable at the Institute of Historical Research, Senate House, W.C.1. The Fellowships will be of an annual value of £650, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £650 a year. In addition, tuition fees in the University of London, incurred by the holders of Fellowships for their approved programmes of work, may be defrayed by the University, where these fees have not otherwise been provided for.
2. The Fellowships will be awarded to graduates in History of any university. In respect of half of those available preference will be given to graduates in History of the University of London.
3. The Fellowships will normally be awarded to postgraduates of at least two years' standing. They will be tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Institute of Historical Research Committee.
4. Applications must be made on the prescribed form, which may be obtained from the Secretary of the Institute, and must include the names of two persons to whom reference may be made. Candidates placed on the short list will be required to attend at the Institute for interview.
5. Successful candidates will be required to pursue an approved course of study leading either to a higher degree or to the completion of a research project under supervision. The holder of a Fellowship will be required to keep terms at the Institute and to devote his full time to the subject of his research. Leave of absence from London for a limited period for the purpose of research may be given at the discretion of the Committee.
6. The awards will be made by the Institute of Historical Research Committee, acting on behalf of the University Scholarships Committee, subject to confirmation by the Senate.
7. The amounts of the Fellowships will be paid in instalments at such times as may be decided in each case, each instalment (with the exception of the first, which will

Scholarships, Studentships, Exhibitions, etc.

be paid in advance) being payable only on receipt by the University of satisfactory reports on the holder's progress and conduct.

8. The awards will be made in May and applications must reach the Director, Institute of Historical Research, Senate House, W.C.1, not later than 1 April.

MADGE WALEY JOSEPH SCHOLARSHIP

1. The Madge Waley Joseph Memorial Postgraduate Scholarship for Women, founded by the friends of the late Mrs. Madge Waley Joseph, of the value of approximately £40 for one year, will be offered annually to a woman student at either Bedford College or the London School of Economics and Political Science, taking a one-year postgraduate course in the Department of Sociology, Social Studies and Economics at Bedford College, or in the Department of Social Science and Administration at the London School of Economics, in preparation for subsequent work in social service.

2. The Scholarship will be offered alternately in Bedford College and the London School of Economics, and candidates must be nominated by the Head of the relevant School. Nominations must reach the Secretary to the Scholarships Committee not later than 30 November in the year of award.

CENTRAL RESEARCH FUND

The Senate of the University has at its disposal a Research Fund from which grants may be made to students of the University. Such grants will be made for specific projects of research, being intended to cover approved expenses and for the provision of materials and apparatus not otherwise available to the applicant. Applications must be received not later than 31 March, 15 September or 15 December.

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

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

(See page 165.)

AWARDS FOR STUDY IN THE U.K. AND ABROAD

Many scholarships, studentships and fellowships, for which students of the School are eligible, are offered by or are tenable at universities both at home and overseas. Several awards are also available for vacation courses abroad. Particulars of these are posted on the scholarships notice-board in the main entrance hall of the School and more detailed information may be obtained from the Senior Assistant Registrar.

Medals and Prizes

Offered by the School and open only to students of the School.

Allyn Young Prize

In memory of the late Professor Allyn Young, a prize in books will be awarded annually for the best performance in the papers in Economics and Elementary Statistical Theory by a student at Part I of the B.Sc. (Econ.) final examination. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £7 7s. 0d. It will be awarded only if there is a suitable candidate.

School Prizes

Provided that candidates of sufficient merit present themselves, the School will award annually eight prizes of books to the value of £10 each to students who are reading for first degrees and whose work in their first year shows particular merit.

The prizes will be offered as follows:

B.Sc. (Econ.): three prizes will be awarded: one for the best performance in Part I of the B.Sc. (Econ.) examination as a whole; one for the best performance in Economic History or Political History; one for the best performance in British Government: An Introduction to Politics.

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

(i) *B.A. or B.Sc. with Honours in Sociology*; (ii) *B.Sc. in Geography*; (iii) *B.A. with Honours in History*; (iv) *B.A. with Honours in Philosophy and Economics and B.Sc. in Social Anthropology*: a prize will be awarded to the student who is adjudged to have done the best first year's work in a degree course in each of these groups.

Hughes Parry Prize

The Hughes Parry Prize, of books to the value of about £17, may be awarded annually to a regular student of the School achieving an outstanding performance in the subject of Law of Contract in the College Intermediate Examination in Laws. This prize commemorates the work of Sir David Hughes Parry, Professor of English Law from 1930 to 1959 and first Director of the Institute of Advanced Legal Studies.

Raynes Undergraduate Prize

A prize in books, provided through the generosity of the late Mr. Herbert Ernest Raynes, will be awarded annually in July to the student of the School who obtains the best marks in Part II of the B.Sc. (Econ.) final examination. The value of the prize will be the income of the fund for the year preceding the award, and will normally be about £20.

William Farr Prize

Through the generosity of the late Mr. W. J. H. Whittall, a prize consisting of a medal and books is offered annually in memory of Dr. William Farr, C.B., F.R.S.

The value of the books will be the remainder of the preceding year's income of the fund after provision of the medal and will not normally be less than £10. It will be awarded for proficiency and merit in the special subjects of Statistics or Computing¹ at Part II of the final B.Sc. (Econ.) examination, the award to be restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University of London.

The Gonner Prize

A prize is offered annually in memory of the late Professor Sir Edward Gonner, Professor of Economic Science in the University of London from 1891 to 1922, and Director of Intelligence in the Ministry of Food from 1917 to 1921. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £6 6s. 0d. It will be awarded to the student who shows conspicuous merit in the special subjects of Economics (Analytical and Descriptive), or Economics and Econometrics, or Monetary Economics or Industry and Trade in Part II of the B.Sc. (Econ.) degree final examination. The prize will be given in books, and is restricted to registered students of the School who have pursued a course of study at the School as internal students of the University. It will be awarded only if there is a suitable candidate.

The George and Hilda Ormsby Prizes

Through the generosity of Dr. Hilda Ormsby the School offers annually two prizes open to students reading for first degrees in the Department of Geography as internal students of the University of London.

One prize, to the value of £20, will be awarded to the candidate whose performance is judged the best either in the B.Sc. (Econ.) Part II examination with Geography as the special subject or in the examination for the B.Sc. degree in Geography or in the final examination for the B.A. degree with Honours in Geography.

Another prize, to the value of £30, will be awarded for the best piece of original work submitted by a student in the Department of Geography during his undergraduate course. Students will be allowed to submit, for example, work completed for the independent geographical study offered as part of the honours course, original field work, work published in *Horizon* or elsewhere, or other original geographical work completed during the undergraduate course.

S. W. Wooldridge Memorial Awards

Awards may be made annually from the S. W. Wooldridge Memorial Fund, established by contributions from present and past students and friends of the Joint School of Geography of King's College and the London School of Economics and Political Science. The awards are made to assist independent projects of field study by students registered in the Joint School and are not available to students with prescribed field work or dissertation topics.

A brief summary of up to 500 words of a proposed project must be submitted to the convener of the Department of Geography before 10 June.

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

Medals and Prizes

Geoids Book Prize in Memory of S. W. Wooldridge

Members of the Geoids Amateur Operatic Society, founded in 1930 by Professor S. W. Wooldridge, have subscribed to a fund in his memory, from which it is hoped to award an annual book prize. Further information may be obtained from the convener of the Department of Geography at the School.

Premchand Prize

A prize of about £24, awarded through the generosity of Sir Kikabhai Premchand of Bombay, is offered annually to a student who shows conspicuous merit in the special subject of Monetary Economics, at Part II of the final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School whose course of study has been pursued as internal students of the University. It will be awarded only if there is a suitable candidate.

The Arthur Andersen Prize in Accounting

A prize of the value of about £15 in books is offered annually to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree in the special subject of Accounting and Finance, is judged by the staff of the School who are examiners in that special subject to be the best of his year in the papers in Accounting. This prize will be awarded only if a candidate of sufficient merit presents himself.

The Bassett Memorial Prizes

Two prizes will be offered annually in memory of Professor R. Bassett, Professor of Political Science: (i) a prize of books to the value of £15 to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree, with Government as his special subject, is judged to be the best of his year; special consideration will be given to conspicuous merit in the paper 'The Politics and Government of the United Kingdom'; (ii) a prize of books to the value of £3 to the Trade Union student who is judged to have achieved the best performance of his year in Trade Union Studies.

Hobhouse Memorial Prize

A prize of about £10 in books is offered annually in memory of the late Professor L. T. Hobhouse, Martin White Professor of Sociology at the School from 1907-1929. The prize will be awarded to a student who shows conspicuous merit in the final examination for the B.A. degree with Honours in Sociology, B.Sc. (Sociology) degree, Branches I and II, or the B.Sc. (Econ.) with Sociology in Part II of the final examination. Candidates must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

The Free Press Prize

Through the generosity of the Free Press of Glencoe, a prize of about £25 in books is offered annually to a student who shows conspicuous merit in the subject of Sociology. The prize will be awarded on the basis of performance in the final examination for the B.A. degree with Honours in Sociology, the B.Sc. (Sociology) degree, Branches I and II, or the B.Sc. (Econ.) degree with Sociology in Part II of the final examination. Candidates must be regular students of the School who

Medals and Prizes

are also internal students of the University. The award will be made only if there is a suitable candidate.

Mostyn Lloyd Memorial Prize

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of about £17 in memory of the late Mr. Mostyn Lloyd, who was head of the department of Social Science from 1922 until 1944. Through the generosity of Mrs. Lloyd the prize in the first years of award amounted to £20. It is awarded by the Director, on the recommendation of the convener of the department of Social Science and Administration, to the best all-round student or students obtaining the Diploma in Social Administration in each year. Both academic achievement and practical work are taken into consideration. The prize will be awarded only if there is a suitable candidate.

The Janet Beveridge Award

A prize of about £30 in books is offered annually by the Trustees of the Janet Beveridge Memorial Fund. The prize will be awarded to a regular student of the School who, being an internal student of the University, achieves conspicuous merit in the final examination for the B.Sc. (Sociology) degree, Branch III. The award will be made only if there is a suitable candidate.

The Harriet Bartlett Prize

Through the generosity of Miss Harriet Bartlett, an American social worker, formerly a student of this School, a book prize of the value of five guineas will be offered for award annually provided that there is a candidate of sufficient merit. The award will be made by the Director on the recommendation of the Scholarships and Prizes Committee.

Students who have obtained the Diploma in Applied Social Studies or the Diploma for Social Workers in Mental Health are eligible to compete and the prize will be awarded to the student who submits the best report on a case from his fieldwork.

Candidates should prepare these reports so that they can be used for teaching purposes and should submit them to the Senior Assistant Registrar by 1 February.

Gladstone Memorial Prize

The Trustees of the Gladstone Memorial Trust offer an annual prize of £30, one half of which will be awarded in books, for an essay set within the terms of the Trustees' essay formula. This demands that 'the subject of the Essay shall be connected with either History or Political Science or Economics, and with some aspect of British policy, domestic, international or foreign, in relation to finance or other matters, from the beginning of the nineteenth century to the present time'. The prize is open to all regular students registered at the School for the session preceding the date of entry, which will be 30 November in each year. The subjects of the essay are announced annually in the Lent term. In considering the essays submitted, the committee of award will take into account the age and standing of the candidates.

Essays, which should not exceed 8,000-10,000 words in length, should reach the Director not later than 30 November in each year.

Medals and Prizes

Rosebery Prizes

The School offers for award annually two prizes, one of the value of £20 and one of the value of £10, for an essay on an approved subject in the Social Sciences including Transport.

All students of the School reading for a first degree may compete. The subjects are announced in the Michaelmas term of each session and essays, of not more than 3,000 words in length, should be sent to the Senior Assistant Registrar by 31 May. An award will normally be made in June of each year.

The Director's Essay Prize

A prize in books of the value of £10 is offered for award annually by the Director for the best essay written during the first session by an undergraduate student, reading for a first degree or diploma, who has not previously studied at a university. The essay should not exceed 3,000 words. Subjects approved by the Director will be announced each year.

Bowley Prize

The School offers a prize to commemorate the distinguished services to economic and statistical sciences of the late Professor Sir Arthur L. Bowley, Professor of Statistics in the University of London from 1915 to 1936.

The value of the prize will be the income of the fund for the three years preceding the award and will normally be about £25.

It will be open to present or past regular students of the School who have registered for a period of at least two years and are within ten years of their first graduation at any university. The prize will be offered for written work in the field of economic or social statistics, completed within four years prior to 1 January 1969. It will be awarded only if an adequate standard of excellence is attained.

The Committee of Award will consist of one representative of the School, one of the Royal Statistical Society and one of the Royal Economic Society.

Candidates wishing to submit work for consideration by the Committee should send it to the Senior Assistant Registrar by 1 January 1969.

The Firth Award

A prize to the value of about £10 will be offered annually to graduate students in the department of Anthropology for the best paper of the year contributed to any seminar in the department. The award will be made by the Director on the recommendation of the convener and senior members of the department.

An award will be made only if a paper of suitable merit is contributed.

The Gourgey Essay Prize

Through the generosity of Mr. P. S. Gourgey, a former student of this School, a book prize of the value of at least £1 1s. 0d. will be offered for award annually to students attending the course in Trade Union Studies. Competitors will be required to submit an essay on a subject which will be announced in the Michaelmas term of each session. An award will be made only if there is a candidate of sufficient merit.

First Degree Courses

General Information

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

Bachelor of Science in Economics.

Bachelor of Laws.

Bachelor of Arts with Honours in the following subjects:

History, Language Studies, Philosophy and Economics, Sociology.

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

Teaching will begin at the School in October 1969 for the B.Sc. degree in Social Psychology in the Faculty of Economics.

The degree regulations as printed in this Calendar are correct at the time of going to press, but may possibly have been modified in minor respects by the beginning of the academic year.

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

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

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

Degree of Bachelor of Science in Economics

Complete courses of study are provided by the School for the degree of B.Sc. (Econ.). The entrance requirements for this degree are set out in the table on page 152.

Regulations

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

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

First Degree Courses

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

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

Part I

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

	<i>Reference Nos. of Courses</i>
Compulsory Subjects	
1. <i>Either (a) Economics</i>	21, 21a, 22
<i>or (b) Introduction to Mathematical Economics</i>	23, 23a
<i>Students will normally take 1 (a). 1 (b) may be taken only by those offering special subject II. Economics and Econometrics, X. Statistics, or XI. Computing at Part II, and Algebra and Methods of Analysis at Part I; certain options in these special subjects may be taken only by candidates who have taken 1 (b).</i>	
2. British Government: an Introduction to Politics	560, 560a
3. History:	
<i>either (a) Economic History</i>	260, 260a
<i>or (b) Political History</i>	288-9
Alternative Subjects	
4 and 5. <i>Two subjects to be chosen from the following alternatives, subject to the limitations set out below:</i>	
(1) Mathematics, <i>either (a) Basic Mathematics</i>	900, 900a
<i>or (b) Algebra and Methods of Analysis</i>	902, 902a
(2) Elementary Statistical Theory	914, 914a
(3) Introduction to Logic (<i>This subject is recommended only for students who are interested in Mathematics and who are also taking (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis</i>)	487, 487a
(4) Introduction to Scientific Method	485, 485a, 488
(5) English Legal Institutions	442, 442a
(6) Elements of Social Structure I	830, 830a, 832
(7) Structure of International Society	510, 510a
(8) Methods of Social Investigation	911, 911a, 933, 933a
(9) Principles and Methods of Social Anthropology	640, 641, 649
(10) Introduction to Psychology	700, 701, 706a

First Degree Courses

	<i>Reference Nos. of Courses</i>
(11) An Approved Modern Foreign Language (<i>A pass in Advanced level in the language proposed is normally required and students taking this option should register with the Secretary of the Department of Language Studies in the first week of the session</i>)	370, 371, 380, 381, 386, 387, 391, 392, 396, 397
(12) Geography	182, 182a
(13) Economic History of England from the Norman Conquest to 1603. This paper will be divided into three sections: 1066-1216 ¹ , 1216-1485, 1485-1603. Candidates must choose their questions from any two contiguous sections.	269, 269a
(14) International Law (<i>Candidates who have taken International Law at Part I will not be permitted to offer International Law at Part II</i>)	449, 449a
(15) Analysis and Set Theory	903, 903a

In specially approved cases a student may be permitted to substitute subject (15) Analysis and Set Theory for one of the three compulsory subjects at Part I.

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

Special Subject in Part II

- I. Economics, Analytical and Descriptive
- II. Economics and Econometrics

Alternative Subjects in Part I

- Any two of the alternative subjects
- Either (1) (a) Basic Mathematics*
- or (1) (b) Algebra and Methods of Analysis and any one of the other alternative subjects (Candidates taking options (1) (b)-(3) (b) at Part II will be required to have taken (1) (b) Algebra and Methods of Analysis at Part I)*
- Any two of the alternative subjects
- Either (1) (a) Basic Mathematics*
- or (1) (b) Algebra and Methods of Analysis and any one of the other alternative subjects (Candidates taking IV, 6, 7 and 8 (e) or (f) at Part II will be required to have taken English Legal Institutions at Part I)*

- III. Monetary Economics
- IV. Industry and Trade

¹There is no teaching for this period at the School.

First Degree Courses

Special Subject in Part II

V. Accounting and Finance

VI. Economic History, Modern

VII. Economic History, Mediaeval

VIII. Government

IX. Sociology

X. Statistics

XI. Computing

XII. International Relations

XIII. Social Anthropology

XIV. International History

XV. Geography

XVI. Philosophy

Alternative Subjects in Part I

(5) English Legal Institutions *and either* (1) (a) Basic Mathematics *or* (1) (b) Algebra and Methods of Analysis *or* (2) Elementary Statistical Theory

Any two of the alternative subjects

Any two of the alternative subjects

Any two of the alternative subjects

(6) Elements of Social Structure I and *either* (8) Methods of Social Investigation

or (9) Principles and Methods of Social Anthropology

(1) (b) Algebra and Methods of Analysis

and (2) Elementary Statistical Theory

(1) (b) Algebra and Methods of Analysis

and (2) Elementary Statistical Theory

Any two of the alternative subjects

Either (9) Principles and Methods of Social Anthropology

or (6) Elements of Social Structure I and any one of the other alternative subjects

Any two of the alternative subjects

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

Any two of the alternative subjects

History as an optional subject at Part II

A candidate who has taken 3 (a) Economic History at Part I is not permitted at Part II to take Economic History at the subject 'History' in papers 1, 2, 3 or 4; and a candidate who has taken 3 (b) Political History at Part I is not permitted at Part II to take Political History in papers 1, 2, 3, 4 or 8.

Part II

Special Subjects

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

I. Economics, Analytical and Descriptive

N.B. Save in the most exceptional circumstances students of the School will be required to take Public Finance under either paper 3 or paper 8; they may

First Degree Courses

Reference Nos. of Courses

not take Principles of Monetary Economics under paper 8.

1. Political Thought 561-4
2. One of the following:
 - (a) History:
 - either* (i) Economic History 261, 261a
 - or* (ii) Political History 290, 290a
 - (b) Introduction to Modern Mathematics (*This paper may not be taken by candidates who have taken* (1) (a) *Basic Mathematics or* (1) (b) *Algebra and Methods of Analysis at Part I*) 900, 900b, 901
 - (c) Mathematics A (*This paper may not be taken by candidates who have taken* (1) (b) *Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*) 909(i), (ii)
 - (d) Mathematics B 910-910b
3. One of the following:
 - (a) Scientific Method 486, 486a, 499
 - (b) Accounting—Management and Economic Aspects 133, 133a, 136-137a, 142, 936
 - (c) An Approved Modern Foreign Language (*Students taking this option should normally have taken the language of their choice at A level or at Part I*) 372-6, 382-4, 388-90, 393-5, 398-400
 - (d) Public Finance 41-2
 - (e) Elements of Statistical Theory and Methods (*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*) 914-6
 - (f) Commercial Law 443-446a
 - (g) Economic Geography 185, 185b, 186, 187
 - (h) Elements of Social Structure II (*This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I*) 830-2
4. Economic Principles 28(i)-(iii)a, 28(vi), 29
5. Problems of Applied Economics 28(iv)-(v)a
6. Economic Statistics 926-30
7. Development of Economic Analysis 31(i)-(iii), 31a
8. One of the following:
 - (a) Principles of Monetary Economics —
 - (b) International Economics 49
 - (c) History of Economic Thought 30, 30a
 - (d) Economics treated Mathematically 32(i), (ii), 32a, 948, 948a, 976
 - (e) Public Finance (if not taken in 3 above) 41-2

First Degree Courses

II. Economics and Econometrics
For examination in 1969 and 1970

	<i>Reference Nos. of Courses</i>
1. <i>Either</i>	
(a) Political Thought	561-4
or	
(b) History:	
<i>either</i> (i) Economic History	261, 261a
or (ii) Political History	290, 290a
2. <i>Either</i>	
(a) Mathematics A (<i>This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>)	909(i), (ii)
or	
(b) Mathematics B	910-910b
3. <i>One of the following:</i>	
(a) Elements of Statistical Theory and Methods (<i>This paper must be taken by candidates who have not taken Elementary Statistical Theory at Part I and may be taken only by such candidates</i>)	914-6
(b) Statistical Theory	917, 918, 923, 925
(c) Management Mathematics	917, 943, 943a, 947-948a
(d) Accounting—Management and Economic Aspects	133, 133a, 136-137a, 142, 936
(e) Development of Economic Analysis	31(i)-(iii), 31a
4. Economic Principles	28(i)-(iii)a, 28(vi)
5. Problems of Applied Economics	28(iv)-(v)a
6. Economic Statistics	926, 927a, 928-30
7. Economics treated Mathematically	32(i), (ii), 32a, 948, 948a, 976
8. Econometrics	33(i)-(ii)a, 915

For examination in and after 1971

<i>Either</i>	
1. (a) Economic Principles	—
2. (a) Economics treated Mathematically	—
3. (a) Mathematics A (<i>This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis at Part I</i>) or Mathematics B	—
<i>or</i>	
1. (b) Mathematical Economics I	—
2. (b) Mathematical Economics II	—
3. (b) Mathematics B	—
<i>(Options 1 (b)-3 (b) may be taken only by candidates who have taken Introduction to Mathematical Economics and (1) (b) Algebra and Methods of Analysis at Part I)</i>	

First Degree Courses

	<i>Reference Nos. of Courses</i>
4. <i>Either</i>	
(a) Political Thought	—
or	
(b) History:	—
<i>either</i> (i) Economic History	
or (ii) Political History	
5. <i>One of the following:</i>	
(a) Elements of Statistical Theory and Methods (<i>This paper must be taken by candidates who have not taken Elementary Statistical Theory at Part I and may be taken only by such candidates</i>)	—
(b) Statistical Theory	—
(c) Management Mathematics	—
(d) Accounting—Management and Economic Aspects	—
(e) Development of Economic Analysis	—
6. Problems of Applied Economics	—
7. Economic Statistics	—
8. Econometrics	—

III. Monetary Economics

N.B. Save in the most exceptional circumstances students of the School will be required to take Public Finance under paper 3 and Economic Statistics under paper 8.

1. Political Thought	561-4
2. History:	
<i>either</i> (i) Economic History	261, 261a
or (ii) Political History	290, 290a
3. <i>One of the following:</i>	
(a) Scientific Method	486, 486a
(b) Accounting—Management and Economic Aspects	133, 133a, 136-137a, 142, 936
(c) Economic Geography	185, 185b, 186, 187
(d) An Approved Modern Foreign Language (<i>Students taking this option should normally have taken the language of their choice at A level or at Part I</i>)	372-6, 382-4, 388-90, 393-5, 398-400
(e) Constitutional and Administrative Law	448, 448a
(f) Commercial Law	443-446a
(g) Elements of Social Structure II (<i>This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I</i>)	830-2

First Degree Courses

	<i>Reference Nos. of Courses</i>
(h) Mathematics A (<i>This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>)	909(i), (ii)
(i) Introduction to Modern Mathematics (<i>This paper may not be taken by candidates who have taken (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis at Part I</i>)	900, 900b, 901
(j) Public Finance	41-2
4. Economic Principles	28(i)-(iii)a, 28(vi), 29
5. Problems of Applied Economics	28(iv)-(v)a
6. Principles of Monetary Economics	45-48a
7. Monetary Institutions	43, 44
8. One of the following:	
(a) History of Economic Thought	30, 30a
(b) International Economics	49
(c) Economic Statistics	926, 927a-930
(d) Public Finance (if not taken in 3 above)	41-2
IV. Industry and Trade	
For examination in 1969	
1. Economic Principles	28(i)-(iii)a, 28(vi), 29
2. Political Thought	561-4
3. <i>Either</i>	
(a) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>)	914-6
or	
(b) Economic Statistics	926, 927a-930
4. Business Administration	37-38a
5. Industry and Trade	36-7
6, 7 and 8. <i>Three</i> of the following, to be selected by students of the School as follows:	
<i>either (a), (b) and one of (c), (d), (g), (h)</i>	
or <i>(h), (i) and either (b) or (g)</i>	
or <i>any three of (b), (e), (f), (g), (h)</i>	
(Other combinations of papers may be approved)	
(a) Development of Economic Analysis	31(i)-(iii), 31a
(b) Problems of Applied Economics	28(iv)-(v)a
(c) History of Economic Thought	30, 30a
(d) Economics treated Mathematically	32(i), (ii), 32a, 948, 948a, 976

First Degree Courses

	<i>Reference Nos. of Courses</i>
(e) Labour, including Elements of Labour Law (<i>A candidate taking this paper will be required to have taken English Legal Institutions at Part I</i>)	39, 39a, 443, 443a, 447, 447a
(f) Commercial Law (<i>A candidate taking this paper will be required to have taken English Legal Institutions at Part I</i>)	443-445a
(g) Business Finance	40, 133, 133a, 143
(h) Accounting—Management and Economic Aspects	133, 133a, 136-137a, 142, 936
(i) Elements of Management Mathematics	942, 942a
(j) <i>either</i> Mathematics A (<i>This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>)	909(i), (ii)
or Mathematics B	910-910b
For examination in and after 1970	
1. Economic Principles	28(i)-(iii)a, 28(vi), 29
2. <i>Either</i> (a) Political Thought	561-4
or (b) History	
<i>either</i> (i) Economic History	261, 261a
or (ii) Political History	290, 290a
3. <i>Either</i> (a) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>)	914-6
or (b) Economic Statistics	926, 927a-930
or (c) Elements of Management Mathematics	942, 942a
4. Business Administration	37-38a
5. Industry and Trade	36-7
6, 7 and 8. <i>Three</i> of the following to be selected by students of the School as follows:	
<i>either (a), (b) and one of (c), (d), (g), (h)</i>	
or <i>any three of (b), (e), (f), (g), (h)</i>	
(Other combinations of papers may be approved)	
(a) Development of Economic Analysis	31(i)-(iii), 31a
(b) Problems of Applied Economics	28(iv)-(v)a
(c) History of Economic Thought	30, 30a
(d) Economics treated Mathematically	32(i), (ii), 32a, 948, 948a, 976
(e) Labour, including Elements of Labour Law (<i>Candidates taking this paper will be required to have taken English Legal Institutions at Part I</i>)	39, 39a, 443, 443a, 447, 447a

First Degree Courses

	<i>Reference Nos. of Courses</i>
(f) Commercial Law (<i>Candidates taking this paper will be required to have taken English Legal Institutions at Part I</i>)	443-445a
(g) Business Finance	40, 133, 133a, 143
(h) Accounting—Management and Economic Aspects	133, 133a, 136-137a, 142, 936
(i) <i>either</i> Mathematics A (<i>This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>) or Mathematics B	909(i), (ii) 910-910b
V. Accounting and Finance	
For examination in 1969	
1. Political Thought	561-4
2. <i>One of the following:</i>	
(a) History:	
<i>either</i> (i) Economic History	261, 261a
or (ii) Political History	290, 290a
(b) Business Administration	37-38a
(c) Mathematics A (<i>This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>)	909(i), (ii)
(d) Mathematics B	910-910b
(e) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>)	914-6
(f) Economics treated Mathematically	32(i), (ii), 32a, 948, 948a, 976
(g) Elements of Management Mathematics	942, 942a
3. Economic Statistics and Business Accounts	927b
4. Economic Principles	28(i)-(iii)a, 28(vi), 29
5. <i>Either</i>	
(a) Problems of Applied Economics	28(iv)-(v)a
or	
(b) Industry and Trade	36-7
6. Commercial Law	443-444a, 446, 446a
7 and 8. Accounting and Finance	133-142, 936, 939
For examination in and after 1970	
1. <i>Either</i> (a) Political Thought	561-4
or (b) History	
<i>either</i> (i) Economic History	261, 261a
or (ii) Political History	290, 290a

First Degree Courses

	<i>Reference Nos. of Courses</i>
2. <i>One of the following:</i>	
(a) Elements of Management Mathematics (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>)	942, 942a
(b) Business Administration	37-38a
(c) Mathematics A (<i>This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>)	909(i), (ii)
(d) Mathematics B	910-910b
(e) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>)	914-6
(f) Economics treated Mathematically	32(i), (ii), 32a, 948, 948a, 976
(g) Introduction to Modern Mathematics (<i>This paper may not be taken by candidates who have taken (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis at Part I</i>)	900, 900b, 901
3. Economic Principles	28(i)-(iii)a, 28(vi), 29
4. <i>Either</i> (a) Problems of Applied Economics or (b) Industry and Trade	28(iv)-(v)a 36-7
5. Commercial Law	443-444a, 446, 446a
6, 7 and 8. Accounting and Finance	133-142, 936, 939
VI. Economic History, Modern	
1. Economics	27, 27a
2. Political Thought	561-4
3. English Economic History, 1485-1760	263, 264, 273
4. English Economic History from 1760	264, 274
5 and 6. Economic and Political History of England in <i>one of the following periods:</i>	
(a) c. 1575-1642	265, 271
or	
(b) 1830-1886	266, 272
7. Economic History of the United States of America from 1783	267(i)-(iv)
8. <i>One of the following:</i>	
(a) English Constitutional History since 1660	566
(b) For examination in 1969 International History since 1815	292, 293
For examination in and after 1970 <i>either</i> (i) International History 1815-1914	292, 308
or (ii) International History since 1914	293, 307
(c) International Economic History, 1850-1945	268

First Degree Courses

	<i>Reference Nos. of Courses</i>
(d) An Approved Modern Foreign Language (Students taking this option should normally have taken the language of their choice at A level or at Part I)	372-6, 382-4, 388-90, 393-5, 398-400
(e) Scientific Method	486, 486a
(f) Social Philosophy	834, 835, 837a, 837b
(g) Elements of Social Structure II (This paper may not be taken by candidates who have taken Elements of Social Structure I at Part I)	830-2
(h) Economic Statistics	926, 927a-930
(i) Historical Geography	212, 212a
(j) Political History	290, 290a
(k) Social Aspects of Political and Economic Development	651
 VII. Economic History, Mediaeval	
1. Economics	27, 27a
2. Political Thought	561-4
3 and 4. Economic History of England and Western Europe in the Middle Ages	270
5 and 6. Economic and Political History of England 1377-1485	270
7 and 8. Two of the following:	
(a) English Constitutional History to 1485	—
(b) English Constitutional History since 1660	566
(c) English Economic History, 1485-1760	263, 264, 273
(d) English Economic History from 1760	264, 274
(e) For examination in 1969	
International History since 1815	292, 293
For examination in and after 1970	
either (i) International History 1815-1914	292, 308
or (ii) International History since 1914	293, 307
(f) International Economic History, 1850-1945	268
(g) Economic History of the United States of America from 1783	267(i)-(iv)
(h) Political Thought (Set Texts)	585
(i) An Approved Modern Foreign Language (Students taking this option should normally have taken the language of their choice at A level or at Part I)	372-6, 382-4, 388-90, 393-5, 398-400
(j) Scientific Method	486, 486a
(k) Historical Geography	212, 212a
(l) Social Philosophy	834, 835, 837a, 837b

VIII. Government

1. Economics	27, 27a
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First Degree Courses

	<i>Reference Nos. of Courses</i>
2. History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
3. One of the following:	
(a) English Constitutional History since 1660	566
(b) Constitutional and Administrative Law	448, 448a
(c) International Institutions	517, 517a, 519, 520
(d) History of Economic Thought	30, 30a
(e) Scientific Method	486, 486a
(f) An Approved Modern Foreign Language (Students taking this option should normally have taken the language of their choice at A level or at Part I)	372-6, 382-4, 388-90, 393-5, 398-400
(g) Local Government of England and Wales	574-5
4. Political Thought	561-4
5. Political Thought (Set Texts)	585
6. The Politics and Government of the United Kingdom	567-73, 610
7. Comparative Political Institutions	576-579b
8. One of the following:	
(a) Political Philosophy	494, 586-586b
(b) Contemporary Political Thought	587-587b, 601
(c) The Politics and Government of a Foreign or Commonwealth Country	450, 577, 580, 582-584b

IX. Sociology

1. Economics	27, 27a
2. Political Thought	561-4
3. History:	
either (i) Economic History	261, 261a
or (ii) Political History	290, 290a
4. Theory and Methods of Sociology	836, 838, 838a, 840
5. Social Philosophy	834, 835, 837a, 837b
6. Social Structure of Modern Britain	266, 842-3
7. Essay on a Sociological Subject	—
8. One of the following:	
(a) Demography I	682-4
(b) Social Psychology	700-2, 707a, 707b
(c) Criminology	426, 850-3
(d) Comparative Morals and Religion	846, 846a
(e) Political Sociology	847, 847a

First Degree Courses

Reference Nos. of Courses

X. Statistics

For examination in 1969 and 1970

1 and 2. *Two* of the following:

- (a) Economic Principles 28(i)-(iii)a, 28(vi)
- (b) Economics treated Mathematically 32(i), (ii), 32a, 948, 948a, 976
- (c) Political Thought 561-4
- (d) Scientific Method 486, 486a
- (e) Social Structure of Modern Britain 842, 842a

3. Mathematics B 910-910b

4. Probability, Distribution and Sampling Theory 917, 918, 923, 924

5. Theory of Statistical Methods 919, 919a, 920, 922

6 and 7. *Two* of the following:

- (a) Actuarial Statistics 936-938a
- (b) Demography II 680, 681, 684-6
- (c) Social Statistics and Survey Methodology 922, 935, 968, 968a
- (d) Economic Statistics 926, 927a-930
- (e) Econometrics 33(i)-(ii)a, 915
- (f) Numerical Methods and Programming 940-941b, 944
- (g) Management Mathematics 917, 943, 943a, 947-948a
- (h) Mathematical Logic 487, 487a, 490, 492, 504

8. General Statistics 921, 931, 932, 940-940b

For examination in and after 1971

1 and 2. *Two* of the following:

- (a) *Either* (i) Economic Principles —
or (ii) Mathematical Economics I (*This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I*) —
- (b) Mathematical Economics II (*This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I and who are taking 1 and 2 (a) (ii) Mathematical Economics I*) —
- (c) Political Thought —
- (d) Scientific Method —
- (e) Social Structure of Modern Britain —

3. Mathematics B —

4. Probability, Distribution and Sampling Theory —

5. Theory of Statistical Methods —

6 and 7. *Two* of the following:

- (a) Actuarial Statistics —
- (b) Demography II —
- (c) Social Statistics and Survey Methodology —

First Degree Courses

Reference Nos. of Courses

(d) Economic Statistics —

(e) Econometrics —

(f) Numerical Methods and Programming —

(g) Management Mathematics —

(h) Mathematical Logic —

8. General Statistics —

XI. Computing

For examination in 1969 and 1970

(In addition to written papers, the examination will include inspection by the examiners of note-book records of practical work done during the course of study. Logarithm and statistical tables will be provided by the University and slide rules may be brought to the examination in papers 3-8.)

- 1. Economic Principles 28(i)-(iii)a, 28(vi)
- 2. *Either* (a) Economics treated Mathematically 32(i), (ii), 32a
or (b) Mathematical Logic 487, 487a, 490, 492, 504
or (c) Political Thought 561-4
- 3. *Either* (a) Introduction to Modern Mathematics (*This paper may not be taken by candidates who have taken either (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*) 900, 900b, 901
or (b) Mathematics A (*This paper may not be taken by candidates who have taken (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I*) 909(i), (ii)
or (c) Mathematics B 910-910b
- 4. Elements of Computer Science 939-940b, 945, 972
- 5, 6 and 7. *Three* of the following:
 - (a) Management Data Processing 133, 133a, 142, 946(i), (ii), 981-4
 - (b) Management Mathematics 917, 943, 943a, 947-948a
 - (c) Numerical Methods and Programming 940-941b, 944
 - (d) Probability, Distribution and Sampling Theory 917, 918, 923, 924
 - (e) Social Statistics and Survey Methodology 922, 935, 968, 968a
 - (f) Elements of Statistical Theory and Methods 914-6
(*This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I*)
 - (g) Demography II 680, 681, 684-6
 - (h) *Either* (i) Problems of Applied Economics 28(iv)-(v)a
or (ii) Industry and Trade 36-7
- 8. General Computing 931, 943, 943a, 949(i), (ii)

First Degree Courses

	<i>Reference Nos. of Courses</i>
For examination in and after 1971	
1. <i>Either</i> (a) Economic Principles	—
or (b) Mathematical Economics I (<i>This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I and who are taking Mathematics B at Part II</i>)	—
2. <i>Either</i> (a) Mathematical Economics II (<i>This paper may be taken only by candidates who have taken Introduction to Mathematical Economics at Part I and who are taking Mathematical Economics I</i>)	—
or (b) Mathematical Logic	—
or (c) Political Thought	—
3. <i>Either</i> (a) Mathematics A (<i>This paper may not be taken by candidates who have taken 1 (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>)	—
or (b) Mathematics B	—
4. Elements of Computer Science	—
5, 6 and 7. <i>Three</i> of the following:	
(a) Management Data Processing	—
(b) Management Mathematics	—
(c) Numerical Methods and Programming	—
(d) Probability, Distribution and Sampling Theory	—
(e) Social Statistics and Survey Methodology	—
(f) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>)	—
(g) Demography II	—
(h) <i>Either</i> (i) Problems of Applied Economics	—
or (ii) Industry and Trade	—
8. General Computing	—
 XII. International Relations	
1. Economics	27, 27a
2. Political Thought	561-4

First Degree Courses

	<i>Reference Nos. of Courses</i>
3. For examination in 1969	
<i>Either</i>	
(a) History:	
<i>either</i> (i) Economic History	261a
or (ii) Political History	290a
<i>or</i>	
(b) International Law (<i>International Law must be taken under either 3 (b) or 8 (e) by candidates who have not taken it at Part I and may be taken only by such candidates</i>)	449, 449a
For examination in and after 1970	
<i>Either</i> (a) International History 1815-1914	292, 308
or (b) International Law (<i>International Law must be taken under either 3 (b) or 8 (e) by candidates who have not taken it at Part I and may be taken only by such candidates</i>)	449, 449a
4. For examination in 1969	
International History since 1815	293
For examination in and after 1970	
International History since 1914	293, 307
5. International Politics	511, 511a, 514
6. Foreign Policy Analysis	512-513a
7. International Institutions	517-520
8. One of the following:	
(a) Theories of International Politics	528-529a
(b) The Politics of International Relations	521, 521a
(c) Strategic Studies	523, 523a
(d) Sociology of International Law	532, 532a
(e) International Law (<i>International Law must be taken under either 3 (b) or 8 (e) by candidates who have not taken it at Part I and may be taken only by such candidates</i>)	449, 449a
(f) International History (Special Period) chosen from the following:	
(i) Great Britain and the Paris Peace Conference of 1919	303
(ii) The Manchurian Crisis 1931-1933	304
(iii) Anglo-German Naval Diplomacy 1933-1939	305
(g) An Approved Modern Foreign Language (<i>Students taking this option should normally have taken the language of their choice at A level or at Part I</i>)	372-6, 382-4, 388-90, 393-5, 398-400
 XIII. Social Anthropology	
1. Economics	27, 27a

First Degree Courses

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

XIV. International History

For examination in 1969

1. Economics	27, 27a
2. Political Thought	561, 561a, 562-4
3. <i>One of the following:</i>	
(a) Economic History	261, 261a
(b) International Politics	511, 511a, 514
(c) International Law (<i>This paper may not be taken by candidates who have taken International Law at Part I</i>)	449, 449a
(d) An Approved Modern Foreign Language (<i>Students taking this option should normally have taken the language of their choice at A level or at Part I</i>)	372-6, 382-4, 388-90, 393-5, 398-400
(e) Historical Geography	212, 212a
(f) Economic Geography	185, 185b, 186, 187
4. International History, 1494-1815	291, 306
5. Diplomatic Relations of the Great Powers, 1815-1914	292, 307
6. International History since 1914	293-5
7. <i>One of the following:</i>	
(a) The Old Foreign Office, 1815-1878	—
(b) The Great Powers and Egypt, 1882-1888	301
(c) Great Britain and the Paris Peace Conference of 1919	303
(d) The Manchurian Crisis, 1931-1933	304
(e) Anglo-German Naval Diplomacy, 1933-1939	305

First Degree Courses

	<i>Reference Nos. of Courses</i>
8. <i>One of the following:</i>	
(a) International Institutions	517, 517a, 519, 520
(b) International Economic History, 1850-1945 (<i>This paper may be taken only by candidates who do not offer Economic History under 3</i>)	268
(c) British-American-Russian Relations, 1815-1914	296
(d) Africa in International Politics, 1870-1914	299

For examination in and after 1970

1. Economics	27, 27a
2. Political Thought	561-4
3. <i>One of the following:</i>	
(a) Economic History	261, 261a
(b) International Politics	511, 511a, 514
(c) International Law (<i>This paper may not be taken by candidates who have taken International Law at Part I</i>)	449, 449a
(d) An Approved Modern Foreign Language (<i>Students taking this option should normally have taken the language of their choice at A level or at Part I</i>)	372-6, 382-4, 388-90, 393-5, 398-400
(e) Historical Geography	189, 212, 212a
(f) Economic Geography	185, 185b, 186, 187
4. International History, 1494-1815	291, 306
5. International History, 1815-1914	292, 307
6. International History since 1914	293-5
7. <i>One of the following:</i>	
(a) William III and Louis XIV, 1698-1702	300
(b) The Great Powers and Egypt, 1882-1888	301
(c) The Balkans in International Politics, 1908-1919	302
(d) Great Britain and the Paris Peace Conference of 1919	303
(e) The Manchurian Crisis, 1931-1933	304
(f) Anglo-German Naval Diplomacy, 1933-1939	305
8. <i>One of the following:</i>	
(a) International Institutions	517, 517a, 519, 520
(b) International Economic History, 1850-1945 (<i>This paper may be taken only by candidates who do not offer Economic History under 3</i>)	268
(c) British-American-Russian Relations, 1815-1914	296
(d) The Baltic in International Politics since 1815	297
(e) Africa in International Politics, 1870-1914	299
(f) International Socialism and the Problem of War, 1870-1914	298

First Degree Courses

	<i>Reference Nos. of Courses</i>
XV. Geography	
1. Economics	27, 27a
2. <i>One of the following:</i>	
(a) Political Thought	561-4
(b) Economic Statistics (<i>This option may be offered only in approved cases</i>)	926, 927a, 928-30
(c) An Approved Modern Foreign Language (<i>This option may be offered only in approved cases and students should normally have taken the language of their choice at A level or at Part I</i>)	372-6, 382-4, 388-90, 393-5, 398-400
3. History:	
<i>either</i> (i) Economic History	261, 261a
or (ii) Political History	290, 290a
4. Physical Geography	184, 191, 191b
5. Economic Geography	185-8
6. The British Isles	193
7. Europe	194, 195(ii), (iii)
8. <i>One of the following:</i>	
(a) Political Geography	223, 224
(b) Historical Geography	212, 212a
(c) Social Geography	217
(d) The Geography of an approved Region:	
<i>either</i> (i) North America	196, 196a, 197, 197a
or (ii) Monsoon Asia	198
or (iii) Africa	199
or (iv) Latin America	202
or (v) Middle East	—
or (vi) U.S.S.R.	—
(e) Economics of Transport	50, 50a, 51, 51a, 222
XVI. Philosophy	
1. Economics	27, 27a
2. <i>Either</i>	
(a) Political Thought	561-4
or	
(b) Introduction to Modern Mathematics (<i>This paper may not be taken by candidates who have taken (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis at Part I</i>)	900, 900b, 901
3. <i>One of the following:</i>	
(a) History:	
<i>either</i> (i) Economic History	261, 261a
or (ii) Political History	290, 290a

First Degree Courses

	<i>Reference Nos. of Courses</i>
(b) Philosophy and History of Science	486, 491, 505
(c) Elements of Statistical Theory and Methods (<i>This paper may not be taken by candidates who have taken Elementary Statistical Theory at Part I</i>)	914-6
4. <i>Either</i>	
(a) Moral and Political Philosophy	494, 500, 585, 586, 834 (ii), 835
or	
(b) Mathematical Logic (<i>This paper may be taken only by candidates taking Introduction to Modern Mathematics or who have taken (1) (a) Basic Mathematics or (1) (b) Algebra and Methods of Analysis or former subject Intermediate Mathematics at Part I</i>)	487, 487a, 490, 492, 504
5. Logic and Methodology	485-487a
6. History of Modern Philosophy	488
7. Epistemology and Metaphysics	498, 501
8. <i>One of the following:</i>	
(a) Philosophy of Social Sciences	489, 499, 834 (ii), 836, 838
(b) Philosophy and History of Science (if not taken in 3 above)	486, 491, 505
(c) Essay on a philosophical subject	—

The examiners shall be at liberty to test any candidate by means of oral questions. There will be no reference in either Part of the Examination.

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

Degree of Bachelor of Laws

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

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in length to one academic year, thus making it possible to emphasise the inter-relationship between different branches of the law.

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

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

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 230-1).

INTERMEDIATE EXAMINATION

The subjects for this examination are:

	<i>Reference Nos. of Courses</i>
(a) Public Law I	421, 421a
(b) Law of Contract I	422, 422a
(c) Law of Tort I	423, 423a
(d) Law of Property I	424, 424a
(e) English Legal System	420, 420a
(f) English Economic Institutions	24

A student is eligible to sit for the Intermediate examination after satisfactory attendance at courses for one year. The examination comprises five papers, in (a), (b), (c), (d) and (e). Questions within the scope of course (f) may be set in any of these papers.

PART I EXAMINATION

The subjects for this examination are:

	<i>Reference Nos. of Courses</i>
(a) Criminal Law	425, 425a, 426
(b) Law of Contract II	427, 427a
(c) Law of Tort II	427, 427a
(d) Law of Property II	428, 428a
(e) Public Law II	429, 429a
(f) Law and Social Policy	430

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

The examination comprises five papers, one each in (a), (b), (c), (d) and (e). Questions within the scope of (f) may be set in any of these papers. Furthermore, the examiners may set an essay paper.

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PART II EXAMINATION

Reference Nos. of Courses

The subjects for this examination are:

(a) Jurisprudence and Legal Theory	431, 431a
and <i>three</i> of the following:	
(b) Law of Evidence	432, 432a
(c) History of English Law	434, 434a
(d) Public International Law	435, 435a
(e) Conflict of Laws	436, 436a
(f) Mercantile Law	438, 438a
(g) Labour Law	439, 439a
(h) Law of Domestic Relations	440, 440a, 474
(i) Law of Administration of Estates and Trusts	437, 437a
(j) Law of Business Associations	441, 441a
(k) Administrative Law with special reference to Local Government	433, 433a
(l) Hindu Law	—
(m) Muhammadan Law	—
(n) African Law	452

Courses in certain subjects (such as (l) and (m)) will not necessarily be available every year.

A student is eligible to sit for Part II after passing Part I (including, under the new regulations, any referred subject) and after satisfactory attendance at relevant courses over at least one academic year.

Degrees of Bachelor of Arts and Bachelor of Science

The School registers students for the B.A. degree with honours in Geography, History, Language Studies, Philosophy and Economics, and Sociology, and for the B.Sc. degree with honours in Anthropology, Geography, Mathematics, and Sociology. In Sociology the courses and examinations for Branches I and II of the B.Sc. degree are identical with those for the B.A. degree: the only difference lies in the entrance requirements. In the case of Geography the School co-operates with King's College in a joint school in which a full course is provided. In the case of the other subjects arrangements are made for students to attend such inter-collegiate courses as may be necessary.

An honours degree in Social Psychology in the Faculty of Economics will be introduced in 1969. Details are given on pages 225-6.

Applicants for admission to all these degree courses must satisfy the entrance requirements of the University of London, which are determined by the Faculty in which a degree is awarded. In addition, candidates must satisfy the appropriate 'course requirements'. Details of these requirements may be found on pages 150-1

First Degree Courses

and 152-3. Applications for admission from graduates will be considered on their merits.

The approved course of study for these degrees extends over three academic years except for the B.A. degree in Language Studies, which extends over four years, one of which is spent abroad.

B.Sc. in Social Anthropology

This degree is offered only at the London School of Economics.

Under new regulations introduced by the University for college-based degrees, the School devises its own courses and assigns to each of them a value expressed as a number of course units, a course unit being one-third of the amount of study which any adequately prepared student can reasonably be expected to complete in a year; that is to say, one-third of the total work load which every student who is capable of obtaining a degree at all should be able to manage.

To obtain the B.Sc. degree a student must complete to the satisfaction of the School courses valued at a minimum of nine course units. In addition he must take at the end of the third year an examination consisting of a general paper in Social Anthropology.

Teaching is arranged in courses of study each of which lasts a year. Students take three courses in each year. In the second and third years a number of alternatives may be chosen. Each course will usually be examined at the end of the year in which it is taken. The class of degree awarded will depend on the level of performance attained over the three years, and will not rest, as in the past, almost entirely on a Final examination.

The courses are as follows:

	<i>Course Units</i>	<i>Reference Nos. of Courses</i>
Part I		
1. Social Anthropology:		
A general introduction to the whole field of social anthropology, along the lines of the B.Sc. (Econ.) Part I course in Social Anthropology, but with greater attention paid to theory and methods	1	640, 640a
2. Race and Culture:		
Outlines of human evolution and culture history as they bear on the study of society	1	642, 642a
3. Elementary Ethnography:		
Study of ethnographic texts on selected primitive and peasant societies	1	641, 641a

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	<i>Course Units</i>	<i>Reference Nos. of Courses</i>
Part II		
1. Studies of Kinship:		
Family, kinship and marriage in primitive and other non-industrial societies, with some attention to industrial societies	1	643, 643a
2. Political and Economic Institutions:		
The political, economic and legal organisation of primitive and other non-industrial societies; problems and analysis	1	644(i), 644(i)a, 644(ii), 644(ii)a
3. <i>One</i> of the following alternatives:		
(a) Statistical and Survey Methods of Social Investigation	1	911, 911a, 933
(b) Elements of Economics: an elementary course in economic analysis		21, 21a, 22
(c) Theories and Methods of Sociology: a course in the sociological approach to society		830, 832, 838, 838a
(d) Psychological Approaches to the Study of Society: Psychological Anthropology. Psychological approaches to the study of culture, personality and language		702, 708
Part III		
1. Magic and Religion:		
The study of religious beliefs and ritual systems of primitive and other non-industrial societies	1	645, 645a
2. <i>One</i> of the following alternatives:		
(a) Advanced Ethnography: the advanced study of selected primitive and other non-industrial societies		647, 647a
<i>or</i>		
(b) Anthropological Linguistics:		
(i) Elementary Linguistics		648(i), (ii), 648a
(ii) Application of linguistic theory to anthropological problems		—
3. Advanced Theory of Social Anthropology:		
The advanced study of social anthropological theory and method; the development of social anthropology	1	646(i), (ii), 646a
In addition there will be a general paper in Social Anthropology that will test the candidate's knowledge of the whole field of social anthropology covered by the degree course.		
Students will not be allowed to proceed to Part II or Part III without having taken Part I.		

B.A. Honours in Geography¹

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

	<i>Reference Nos. of Courses</i>
1. Physical Geography	—
2. Human Geography	—
3. Map Work	—
4. The British Isles	—
5. Europe	195
6. The advanced regional geography of <i>one</i> of the following:	
(i) Africa	199
(ii) Australia, New Zealand and Oceania	204
(iii) Latin America	202
(iv) Monsoon Asia	198
(v) North America	196–197a
(vi) U.S.S.R.	203
(vii) Middle East	—
7 and 8. <i>Two</i> papers to be chosen from the following optional subjects:	
(i) Mathematical Geography and Surveying	225
(ii) Geomorphology	206–7
(iii) Meteorology and Climatology	—
(iv) Plant Geography	210, 211
(v) Economic Geography	185a–188
(vi) Historical Geography	213
(vii) History of Geographical Science and Discovery	214, 215
(viii) Political Geography	224
(ix) Geography of Settlement	218, 221
(x) Applied Geography	216
9. <i>Either</i> an additional paper chosen from the list of optional subjects under sections 7 and 8 above <i>or</i> an independent geographical study of an approved topic, not exceeding 5,000 words to be submitted not later than 1 May preceding the final examination	

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

¹ Only for students registered in or before 1966.

B.Sc. Geography

In October 1966 teaching began for the new B.Sc. degree of the University of London and all registrations for the Bachelor's Degree in Geography in the Faculty of Science at the London School of Economics are made under the new regulations. The new arrangements involve a substantial departure from the structure of the previous B.Sc. (Geography) syllabus and students should be aware that the revised curricula and teaching programmes vary from one college to another. The version of the new B.Sc. degree summarised below applies only to students registered at the London School of Economics. Courses continue to be given in the Joint School of Geography and, in many cases, students are taught in common by teachers from King's College and L.S.E. However, the introduction of separate college syllabuses for the B.Sc. has meant the introduction of separate teaching provision for part of this degree and has involved some re-arrangement of courses for other degrees. All students of the Joint School of Geography should take care to identify the courses needed to complete their specific degree requirements.

Under the new scheme, teaching is arranged on the basis of course units. A full course unit is defined as a third of the amount of work which an adequately prepared student can reasonably be expected to complete in a year. It normally involves 50–70 hours of formal teaching and private study under guidance from course teachers. Students taking the B.Sc. in the department of Geography at the London School of Economics are advised to take a total of ten course units over three years. Not more than four course units may be taken in the first year. Each course is usually examined at the end of the year within which it is taken, though some second-year courses may not be examined until the end of the third year of study. The class of degree awarded depends on the level of performance attained over the three years and does not, as in the past, rest almost entirely on a Final examination.

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

Field work is required of all students. It normally consists of three one-week field courses taken in each of the Easter vacations.

The pattern of courses is as follows:

	<i>Course Units</i>	<i>Reference Nos. of Courses</i>
First Year		
Physical Geography	1	183
Human Geography	1	189, 190
A Course outside Geography (see List C)	1	
Map Analysis and Quantitative Techniques in Geography (this course is spread over the first two years and will be examined at the end of the second year)		191, 191a
Field Work (continued in the second and third years)		

First Degree Courses

	Course Units	Reference Nos. of Courses
Second and Third Years		
Compulsory courses		
Map Analysis and Quantitative Techniques in Geography (continued from the first year)	1	191, 191a
British Isles (including map interpretation) (to be taken in the second year)	1	193, 193a
At least one, but not more than two courses from outside Geography (see List C)	1-2	
At least one course from List A	1	
At least one course from List B	1	
Field Work (all years)	$\frac{1}{2}$	
Optional courses		
Other courses from either List A or List B	$\frac{1}{2}$ -1 $\frac{1}{2}$	
or		
A Geographical Essay of not more than 5,000 words	1	
	Course Units	Reference Nos. of Courses
List A		
1. Advanced Geomorphology—I	1	205, 207
2. Advanced Geomorphology—II (<i>Advanced Geomorphology I is normally a prerequisite for II</i>)	$\frac{1}{2}$	206, 207
3. Meteorology and Climatology	1	208, 208a
4. Climatic Change { <i>(Meteorology and Climatology is normally a prerequisite for these papers)</i>	$\frac{1}{2}$	209, 209a
5. Urban Climates ¹	$\frac{1}{2}$	—
6. Economic Geography—I	$\frac{1}{2}$	185, 185a, 188
7. Economic Geography—II	$\frac{1}{2}$	186, 186a, 188
8. Economic Geography—III	$\frac{1}{2}$	187, 187a, 188
9. Social Geography	$\frac{1}{2}$	217
10. Urban Geography	$\frac{1}{2}$	221
11. The Urban System	$\frac{1}{2}$	219
12. Geography of Rural Settlement	$\frac{1}{2}$	220
13. Historical Geography: British Isles	$\frac{1}{2}$	212, 212a
14. Historical Geography: Western and Central Europe	$\frac{1}{2}$	213
15. Biogeography—I	$\frac{1}{2}$	210
16. Biogeography—II (<i>Biogeography I is normally a prerequisite for II</i>)	1	211
17. Geography and Planning	$\frac{1}{2}$	216
18. History of Geographical Science and Discovery—I	$\frac{1}{2}$	214

¹Teaching for other branches of Meteorology and Climatology will be provided at other colleges of the University and is open to all students. Further information may be obtained from Dr. Jackson; not all courses will be available in any one session.

First Degree Courses

	Course Units	Normally taken in Year	Reference Nos. of Courses
19. History of Geographical Science and Discovery (Polar Exploration)	$\frac{1}{2}$	2 or 3	215
20. Political Geography—I	$\frac{1}{2}$	2 or 3	223
21. Political Geography—II (<i>Political Geography I is normally a prerequisite for II</i>)	$\frac{1}{2}$	3	224
List B			
1. Africa—I	$\frac{1}{2}$	2	199
2. Africa—II (<i>Africa I is normally a pre-requisite for II or III</i>)	$\frac{1}{2}$	3	200
or			
3. Africa—III	$\frac{1}{2}$	3	201
4. Europe—I (General)	$\frac{1}{2}$	2 or 3	195(i)
5. Western Europe ¹	$\frac{1}{2}$	2 or 3	195(ii)
6. West Central Europe ¹	$\frac{1}{2}$	2 or 3	195(iii)
7. West-Mediterranean Europe ¹	$\frac{1}{2}$	2 or 3	195(iv)
8. Northern Europe ¹	$\frac{1}{2}$	2 or 3	195(v)
9. East-Central Europe ¹	$\frac{1}{2}$	2 or 3	195(vi)
N.B.— <i>Maximum on Europe 1$\frac{1}{2}$ course units</i>			
10. Soviet Union	$\frac{1}{2}$	2 or 3	203
11. Monsoon Asia	$\frac{1}{2}$	2 or 3	198
12. Latin America	$\frac{1}{2}$	2 or 3	202
13. North America—I	$\frac{1}{2}$	2	196, 196a
14. North America—II (<i>North America I is normally a prerequisite for II</i>)	$\frac{1}{2}$	3	197, 197a
15. Middle East	$\frac{1}{2}$	2 or 3	—
16. Australia and New Zealand	1	2 or 3	204
In special cases students may be able to take courses available at colleges outside the Joint School with the permission of the Convener of the department.			
List C			
Courses outside Geography		Course Units	Reference Nos. of Courses
Anthropology:			
1. Introduction to Social Anthropology	1	640, 640a	
2. Man, Race and Culture	1	642, 642a	
Economics:			
3. Elements of Economic Analysis	1	21-2	
4. Economics (<i>C 3 is a prerequisite for C 4</i>)	1	27, 27a	
History:			
5. Industrialisation and the International Economy since 1830	1	261, 261a	

¹Students taking this subject must also attend Course No. 195(i) Europe I (General).

First Degree Courses

	<i>Course Units</i>	<i>Reference Nos. of Courses</i>
6. English Economic History in its European Background from 1700 to the Second World War	1	264, 274
7. English History, 1461–1784	1	327, 328
8. Later Modern British History (<i>C 7 is a prerequisite for C 8</i>)	1	329, 330
Statistics:		
9. Basic Mathematics	1	900, 900a
10. Algebra and Methods of Analysis	1	902, 902a
11. Elementary Statistical Theory	1	914, 914a
12. Methods of Social Investigation	1	911, 911a, 933, 933a
Geology (King's College):		
13. Fundamentals of Geology	1	—
14. Stratigraphical Palaeontology	$\frac{1}{2}$	—
15. Stratigraphy and Sedimentation	1	—
16. World Stratigraphy	$\frac{1}{2}$	—
17. Economic Geology	1	—
18. Structural Geology	1	—
19. Advanced Physical Geology	1	—
20. Sedimentology	1	—
21. Oceanography	$\frac{1}{2}$	—
Demography:		
22. Elements of Demographic Analysis	1	682–4
Sociology:		
23. Elements of Social Structure	1	830, 830a, 832
24. The Social Structure of Modern Britain	1	842, 842a
Social Administration:		
25. Social Administration (<i>C 3 is a prerequisite for C 25</i>)	1	720, 723, 724

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

The examination will consist of ten papers as follows:

	<i>Reference Nos. of Courses</i>
1. English History down to the end of the 14th century	325, 326
2. English History from the beginning of the 15th century to the middle of the 18th century	327, 328

First Degree Courses

	<i>Reference Nos. of Courses</i>
3. British History from the middle of the 18th century	329, 330
4 and 5. Two of the following papers:	
(a) European History from 400 to 1200	332
(b) European History from 1200 to 1500	332
(c) European History from 1500 to 1800	291, 334
(d) European History from 1800	292, 293, 333
6. History of Political Ideas	335, 336a, 336b
7. An Optional Subject	263, 264, 294, 295, 297, 299, 337–9
8 and 9. A Special Subject	340–2
10. Passages for translation into English (passages from at least two languages must be attempted)	—

Note: The optional and special subjects are set out in the University of London. *Regulations for First Degrees in the Faculty of Arts for Internal Students.* The School normally provides lectures and classes for the optional subjects of English Economic History; Modern English Constitutional History from c. 1530–1914; and Diplomatic History, 1814–1945, and seminars or classes for the special subjects of Florence during the Renaissance, 1464–1512; The Economy of England in the Fifteenth Century; and The Eastern Question, 1875–1881.

Language Studies

The School offers teaching for a number of two-subject combinations in the field of language studies within the framework of the combined studies degrees in the Faculty of Arts of London University.

The total number of places at the School for degrees in Language Studies is small, and all other things being equal preference is given to applicants for entry to combined courses in linguistics and one modern language. Entry to any particular two-language combination amongst those mentioned may not be possible in any given year.

Emphasis in the department is on the linguistic and social rather than on the aesthetic and literary aspects of languages, and where the University syllabus permits a choice, students of the School will be expected to select accordingly. Students taking two languages will be required to attend courses in General Linguistics and Phonetics.

The normal duration of all B.A. degrees in Language Studies at the School is *four* years, the third year being spent abroad. Candidates for degrees in certain subject combinations may be permitted to take a limited number of examination papers at the end of their penultimate year.

Supervisors will advise students on the choice of options and will recommend appropriate courses from the Language Studies section in Part III of this Calendar (Courses Nos. 360–404).

First Degree Courses

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

The subjects for examination shown in the following tables are numbered differently in this calendar from the list of subjects given in the University regulations.

French and Linguistics

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

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

German and Linguistics

1. Principles of Linguistics, descriptive, comparative and historical
2. General Linguistic Theory I: grammar, semantics
3. General Linguistic Theory II: phonetics, phonology
4. Translation from and into German
5. The German Language
and *four* of the following, including at least *one* chosen from papers 6–11, and at least *two* from papers 12–15

First Degree Courses

6. Historical Linguistics
7. Linguistics and Language Teaching
8. Sociolinguistics: language and the community
9. Psycholinguistics: language and the individual
10. Phonetics
11. Linguistic Typology and Language Classification
12. Essay in German
13. The Middle High German Classical Period
14. German Literature, 1830 to the present day
15. The Age of Goethe

There is also a practical test in phonetics and a German oral examination.

B.A. Honours (Combined Subjects) in two Modern Languages

The School provides teaching at present in French/Spanish, French/Russian, German/French, German/Russian and German/Spanish. Syllabuses for these courses, where already approved, are given in the University of London *Regulations for First Degrees in the Faculty of Arts for Internal Students*.

B.Sc. Mathematics

The course of study is designed to give students a sound education in Pure Mathematics and also to give an opportunity for developing an interest in and knowledge of some branch of the social sciences or of a field of study with an important bearing on the social sciences. It is already possible to combine mathematics with statistics, computing or econometrics and there may be opportunities to combine mathematics with other fields of study depending on the students' interest and initiative.

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

The subjects of the examination are:

Part I

The examination consists of five papers, as follows:

	<i>Reference Nos. of Courses</i>
1. Introduction to Mathematical Economics	23, 23a
2. Analysis and Set Theory	903, 903a
3. Algebra and Methods of Analysis	902, 902a

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	<i>Reference Nos. of Courses</i>
4. Further Algebra and Theory of Probability	904, 904a
5. <i>Either (a) Elementary Statistical Theory</i>	914, 914a
<i>or (b) Introduction to Logic</i>	487, 487a

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

In approved cases a student who has passed Part I of the B.Sc. in Mathematics may be permitted to transfer to the B.Sc. (Econ.) with direct entry to the course of study and examination for Part II of the B.Sc. (Econ.).

Part II

The examination consists of eight papers, as follows:

	<i>Reference Nos. of Courses</i>
1 and 2. Real Variable, Analysis and Mathematical Methods	905, 905a
3. Algebra and Complex Analysis	906-907a
4. Theory of Probability	908, 908a
5, 6, 7 and 8. Any <i>four</i> of the following:	
(a) Probability, Distribution and Sampling Theory	917, 918, 923, 924
(b) Theory of Statistical Methods	919, 919a
(c) Numerical Methods and Programming	940-941b
(d) Elements of Computer Science	939-940b
(e) Demography II	680, 681, 684-6
(f) Econometrics	33(i)-(ii)a, 915
(g) Management Data Processing	133, 133a, 946(i), (ii), 981
(h) Management Mathematics	917, 943, 943a

In and after 1971 the options Mathematical Economics I and Mathematical Economics II will be added to papers 5, 6, 7 and 8.

Subject to the approval of the School students may choose options not included in the above list.

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

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

There will be no reference in either part of the examination.

B.A. Honours in Philosophy and Economics

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

	<i>Reference Nos. of Courses</i>
*1. Modern Philosophy from Bacon and Descartes to Kant	488, 502
*2. Epistemology and Metaphysics	498, 501

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	<i>Reference Nos. of Courses</i>
*3. Logic and Methodology	485-7, 503
4. <i>Either (a) Ethics</i>	434 (ii)
<i>or (b) Political Philosophy</i>	—
<i>or *(c) Moral and Political Philosophy</i>	494, 500, 561, 563, 585, 586, 835
5. Economic Principles	21-2, 28(i)-(iii)a, 28(vi), 29
6. Problems of Applied Economics	28(iv)-(v)a
7. History of Economic Thought	30, 30a
8. Modern Economic History, c. 1850-1939	260, 260a
9. <i>Either (a) an Essay (Topics will be selected from the syllabuses of all papers, including 9 (b) and 9 (c))</i>	—
<i>or *(b) Philosophy of Social Sciences</i>	434 (ii), 489, 499
<i>or *(c) Philosophy and History of Science</i>	486, 491

* For students of the School the syllabus of this paper is identical with that of the corresponding paper in Part II of the B.Sc. (Econ.) special subject XVI Philosophy. The examiners shall be at liberty to test any candidate by means of oral questions.

B.Sc. Social Psychology

In October 1969 the School will begin teaching for a new degree in Social Psychology in the Faculty of Economics. This degree course will be offered only at the London School of Economics. It has been devised specifically to provide a course in Psychology of relevance to the social sciences. Psychology as taught here has an emphasis rather different from that found in most psychology departments, where its link is with the biological rather than the social sciences.

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

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

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

The course extends over three years, and the examination is divided into two parts. The Part I examination is taken at the end of the second year. Candidates must satisfy the examiners in Part I before proceeding to Part II. A minimum period of one session must elapse before a candidate successful in Part I may present himself for the Part II examination. The examination results of both parts will count towards the final class of the degree.

Part I

The examination will consist of six papers:

1. Biological Bases of Behaviour and Learning

First Degree Courses

2. Perception and Thinking
3. Social Behaviour and Childhood
4. Methods of Social and Psychological Investigation

Either

5. (a) Theories and Methods of Sociology and
 6. (a) Comparative Social Institutions
- or
5. (b) Social Anthropology and
 6. (b) Race and Culture

Part II

The examination will consist of three papers and a project or dissertation:

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

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

Degree of Bachelor of Science (Sociology)

Students who have obtained the B.A. Honours degree in Sociology or the B.Sc. (Econ.) degree with special subject IX (Sociology) or special subject XIII (Social Anthropology) at Part II of the examination will not be permitted to proceed to the B.Sc. (Soc.) degree.

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

Branch I

The examination will consist of ten written papers as follows:

- | | <i>Reference Nos. of Courses</i> |
|--|----------------------------------|
| 1. Theories and Methods of Sociology | 830, 830a, 832, 836, 838-40 |
| 2. Statistical Methods in Social Investigation | 854, 855, 912-3, 933 |
| 3. Comparative Social Institutions | 640, 841, 841a |
| 4. Ethics and Social Philosophy | 834, 835, 837a-b |

First Degree Courses

- | | <i>Reference Nos. of Courses</i> |
|----------------------|----------------------------------|
| 5. Social Psychology | 700-2, 706b, 707b, 743 |
| 6. Economics | 21, 21a, 27, 27a |
| 7 and 8. | |

Either

- (a) Social Structure of Modern Britain (2 papers) 266, 842-3
- or (b) Graeco-Roman Civilisation (2 papers) 844a-b
- or (c) European Civilisation in the Middle Ages¹ (2 papers) —

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

9 and 10. Any two of the following:

- | | |
|--|--------------------|
| (a) Social Structure and Social Change | 845, 845a, 867(i) |
| (b) Social Policy and Social Administration | 720, 722, 724, 739 |
| (c) Comparative Morals and Religion | 846, 846a |
| (d) Criminology | 426, 850-3 |
| (e) Demography | 682-4, 871 |
| (f) Political Sociology | 847, 847a |
| (g) Industrial Sociology | 848(i)-849(ii) |
| (h) General Principles of Cultural and Social Anthropology | 640, 649 |

Branch II

The examination will consist of ten written papers as follows:

- | | |
|--|-----------------------------|
| 1. Theories and Methods of Sociology | 830, 830a, 832, 836, 838-40 |
| 2. Comparative Social Institutions | 640, 841, 841a |
| 3. Ethics and Social Philosophy | 834, 835, 837 |
| 4. Economics | 21, 21a, 27, 27a |
| 5. General Principles of Cultural and Social Anthropology | 640, 643, 649, 846, 846a |
| 6. Economic and Political Systems | 644(i), (ii) |
| 7. Moral and Ritual Systems | 645 |
| 8. Ethnography of a Special Area | 647, 650(i), (ii) |
| 9. Development of Social Anthropology (with special reference to selected texts) | 646(i), (ii) |
| 10. One of the following: | |
| (a) Social Psychology | 700-2, 706b, 707b, 743 |
| (b) Demography | 682-4 |
| (c) Statistical Methods in Social Investigation | 831, 855, 912-3, 933 |
| (d) Social Structure and Social Change | 845, 845a, 867(i) |

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

¹The School does not provide tuition in this subject.

First Degree Courses

For Branches I and II the examination will be divided into Part I and Part II. A candidate will be required to sit Part I at the end of the second year and Part II at the end of the third year, and to satisfy the examiners in both Parts. A candidate must satisfy the examiners in Part I before proceeding to Part II. A minimum period of one session must elapse before a candidate, successful in Part I, may present himself for Part II.

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

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

Branch III. The examinations will be as follows:

A. Preliminary examination

Before proceeding to the final examination candidates will be required to satisfy the examiners in the preliminary examination held at the end of the first year of study.

The examination will consist of two written papers:

- (a) British Social History in the 19th and 20th Centuries
- (b) British Political, Administrative and Legal Institutions

In drawing up the Pass List, examiners will consider reports on candidates' work in all subjects during the session. The preliminary examination will not count for honours. No candidate may present himself for the final examination until two sessions have elapsed since successful completion of the preliminary examination.

Reference Nos. of Courses

B. Final examination

The final examination will consist of seven written papers and a dissertation:

- | | |
|--|-------------------------------------|
| 1. British Social History in the 19th and 20th Centuries | 733-4 |
| 2. British Political, Administrative and Legal Institutions | 421, 735-736a |
| 3. Economics | 20, 42, 739, 740, 741b |
| 4. British Social Policy and Administration | 430, 720, 722-4, 747 |
| 5. Social Investigation ¹ | 855, 912-912b, 933, 934 |
| 6. Social Theory ¹ | 737, 737a, 746d, 830, 832, 833, 842 |
| 7. One of the following: | |
| (a) Central and Local Government Administration | 570, 574, 608, 725 |
| (b) Social Structure and Social Policy in Societies undergoing Industrialisation | 8, 651, 729b, 730, 845, 867(i) |

¹ These papers will include questions on Psychology. Students should refer to Courses Nos. 700, 702, 744, 745a.

First Degree Courses

Reference Nos. of Courses

- | | |
|--------------------------------------|----------------|
| (c) The Structure of Social Security | — |
| (d) The Family in Law and in Society | 738, 738a |
| (e) Industrial Sociology | 848(i)-849(ii) |
| (f) Criminology | 850, 852, 853 |

8. A dissertation, normally limited to 5,000-7,000 words, to be presented not later than the 1st February in the year in which the final examination will be taken. The subject of the dissertation must be approved by the University. The dissertation will be classed as one paper in the final examination. Candidates offering optional subject 7 (a) Central and Local Government Administration, will not be permitted to choose a dissertation subject which falls within the field of the selected development for special study prescribed by the Regulations for the year in which they will present themselves for the final examination.

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

B.A. Honours Degree in Sociology

For Branches I and II this degree is identical, except in title, with the B.Sc. (Soc.) degree described on pages 226-8, but since it is awarded in the Faculty of Arts the course requirement is the same as for other Arts degrees; i.e. it includes two approved foreign languages. **Branch III is not available within the B.A. Honours degree.**

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

ACCOUNTING

Institute of Chartered Accountants

In order to qualify as a chartered accountant, a period in articles with a firm of chartered accountants is necessary. Holders of a first degree normally have this period reduced to three years. Full particulars may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, City House, 56-66 Goswell Road, London, E.C.1.

Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's intermediate examination provided that they pass the final degree examination at the first attempt. At the University of London, the course leading to the 'approved degree' is the day course for the B.Sc. (Econ.) with the special subject Accounting and Finance. Further information is given in the pamphlet *The Universities and the Accountancy Profession* (obtainable from the Institute and also from the Registry of the School).

Experience has shown that foreign students often have much difficulty after graduation in getting articles with a firm of professional accountants in Britain.

First Degree Courses

Such students would therefore be greatly helped if they could obtain an offer of articles from a suitable firm before beginning their studies.

Association of Certified and Corporate Accountants

Students of the Association are not compelled to serve under articles of clerkship, but may as an alternative obtain experience of an approved accounting nature in the finance or accounting departments of a commercial or industrial company, one of the nationalised industries, in national or local government or in the office of a practising accountant (not under articles).

The period of articles or approved training for graduates is three years. Those who have taken the 'approved degree' (see page 229) are entitled to complete exemption from Sections I and II of the Professional Examination and to certain additional exemptions from papers in Sections III and IV provided that they have taken the appropriate option in their second and third years.

Further information can be obtained from the Secretary of the Association, 22 Bedford Square, London, W.C.1.

Institute of Cost and Works Accountants

B.Sc. (Econ.) graduates with the special subject of Accounting and Finance are entitled to exemption from the whole of the Part I and Part II examinations of the Institute of Cost and Works Accountants.

B.Sc. (Econ.) graduates with the special subject of Industry and Trade are entitled to exemption from the whole of the Institute's Part I examination.

B.Sc. (Econ.) graduates, irrespective of their special subject, are entitled to exemption from the following three subjects of the Institute's Part I examination:

- Industrial Administration
- Economics
- Book-keeping.

B.Sc. (Econ.) graduates who have offered Labour, including Elements of Labour Law, and Commercial Law in Part II of the final examination are entitled to exemption from Industrial and Commercial Law in Part III of the Institute's examination.

LAW

The Bar

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

The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor and pass the Law Society's examination. The normal period of articles is five years, but for candidates who have taken a degree at an approved university the period is reduced to two and a half years. Any first degree of the University of London entitles the holder to this reduction.

First Degree Courses

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination and may sit for Part II of the qualifying examination before entering into articles; dependent upon the result, the period of articles may be reduced to two years. Further details may be obtained from: The Law Society, 113 Chancery Lane, London, W.C.2.

The Actuarial Profession

Students who have obtained the B.Sc. Mathematics degree or the B.Sc. (Econ.) degree with Mathematics (1) (b) in Part I and Statistics in Part II with Demography II and Actuarial Statistics as optional subjects *may* be granted exemption from the Preliminary Examination in Mathematics and from certain papers in other parts of the examinations of the Institute of Actuaries, depending on the standards reached in the degree examination. Further particulars may be obtained from: The Institute of Actuaries, Staple Inn Hall, High Holborn, London, W.C.1.

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

Regulations for Diplomas awarded by the School

The School awards the following diplomas:

- (1) Diploma in Development Administration
- (2) Diploma in Social Administration:
 - (a) One-year Course for Graduates
 - (b) Two-year Course for Non-Graduates
- (3) Diploma in Personnel Management
- (4) Diploma in Applied Social Studies
- (5) Diploma for Social Workers in Mental Health
- (6) Diploma in Statistics

Candidates for any of these diplomas may register as associate students of the University, which, in the case of non-matriculated students, necessitates the payment of a registration fee of 10s. 6d.

(1) Diploma in Development Administration

The London School of Economics and Political Science, with support from the Ministry of Overseas Development, offers a course in Development Administration which has special reference to the needs of the 'developing' countries.

It is designed for men and women who work in the civil service, public corporations or suitable types of business in relatively low-income countries. One of the purposes of the course is to assist a student to stand outside the immediate circumstances of his own country and to consider general questions about the methods and organisation of development. He will be encouraged to examine the policies and methods of Western countries, and to assess for himself their suitability for his own country's problems.

Though Western ideas, institutions and experience are drawn on extensively in the teaching, they are viewed in terms of their possible application to the problems of less developed areas. If required, opportunity will be provided during the course for students to spend short periods in central or local government departments, or some other administrative agency in which they may be interested.

Members of the course will normally be university graduates who have had several years' experience of administrative work. Admission may also be offered, in special circumstances, to candidates otherwise well qualified who do not hold degrees, or to graduates who have had no practical experience, but are taking up administrative appointments. A small number of students from Western countries may be admitted. The number of students to be admitted in any one year will, however, be limited.

The course covers one academic year and runs from late September until the beginning of July.

The course will cover the following subjects:

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

Regulations for School Diplomas

The alternatives offered under (c) will normally include Local Government and Community Development and Aims and Methods of Governmental Planning. The availability of each specialisation will depend upon individual qualifications.

At the end of the course, a paper will be set in each of the three branches of study. Suitably qualified persons will be allowed to substitute for one of the papers a dissertation on some specialised topic within the field of development administration.

Those who satisfy the examiners will be awarded a Diploma by the School.

The syllabus will be treated in a series of special lectures and classes accompanied by an interdisciplinary seminar, but members of the course will also be encouraged to attend a variety of other lectures and seminars, selected to meet their particular needs. Examples of lecture courses which may be of particular interest are given on pages 300-1 in Part III of the Calendar.

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

Regulations

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

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

(a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;

(b) *either* (i) he shall be a graduate of a university
or (ii) he shall, in the opinion of the Tutors to the course, have practical experience or other qualifications of special relevance to the course;

and (c) he shall have had not less than two years' experience of administrative work, unless the Tutors to the course should waive this condition.

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

4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates to be determined by the Tutors to the course. Candidates will normally take papers in three subjects:

(i) Governmental Aspects of Development.

(ii) Social Aspects of Development.

(iii) Special subject to be chosen in accordance with the candidate's qualifications and interests. Normally the subject chosen will be:

either Local Government and Community Development *or* Aims and Methods of Governmental Planning.

The choice of special subject shall be approved by the Tutors, after consultation with the candidates.

5. Candidates who have sufficient qualifications and have shown appropriate abilities may be allowed to substitute, for one of the papers, a dissertation upon some aspect of development administration. This substitution shall depend upon the Tutors' agreement, and the form and length of the dissertation shall be settled by the Tutors.

Regulations for School Diplomas

6. In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate in the first two terms of the course.
7. The examiners may test any candidate by means of oral questions.
8. A mark of distinction shall be awarded to candidates who show exceptional merit.
9. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.
10. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.
11. Candidates who are unsuccessful in the examination as a whole shall receive a certificate of attendance, on which shall be recorded those parts of the examination, if any, in which they have passed.
12. A candidate who, for reasons which in the opinion of the Director are sufficient, fails to present himself for examination or who presents himself, but fails to satisfy the examiners, may be a candidate for the whole of the examination on one, but not, without the special permission of the examiners, more than one further occasion.
13. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

(2) Diplomas in Social Administration

The School offers courses of study for full-time day students leading to a Diploma in Social Administration. The courses are designed to give a broad general education in the social sciences. Students who wish to prepare themselves to work as professional social workers after this course of study normally proceed to a course of training leading to a professional qualification.

The teaching for the Diploma combines theoretical study of the social sciences and practical experience in the fields of social administration, social work and social research. The curriculum includes lectures and classes in Economic and Social History, Economics, Psychology, Sociology, Social Anthropology and Social Policy and Administration. Each student is assigned to a tutor who is responsible for the general supervision of his studies. For tutorials and classes the students are required to do regular written work. Variations are made in the course to meet the needs of students who are preparing to work in the low-income countries.

Field work in both statutory and voluntary agencies is arranged with the aim both of helping the students to gain a better appreciation of social conditions and social problems and of giving them an introduction to the practice of social work. This is undertaken during vacations. Students are expected to meet their own maintenance, fares, and other incidental expenses. No figure can be laid down for

Regulations for School Diplomas

these expenses. In their own interests students are advised to gain some experience outside London and they must therefore be prepared for the additional expense which may be involved. Students who hold a local authority grant may apply for a supplementary grant to cover their field work expenses.

Diploma for Graduate Students

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

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

	Reference Nos. of Courses	
	U.K.	Overseas
1. Social Policy and Administration	421, 430, 720, 722-4, 731, 732	8, 720, 722-4, 726-9, 731, 732
2. The Economic and Social Background to Social Policy and Administration	20, 26, 42, 739, 741a, 911, 933	20, 83, 640, 651, 741a
3. Psychology and Social Structure	700, 701, 742-4, 745b, 746b, 773, 830, 832, 842, 850, 852	700, 701, 743, 744, 745b, 746c, 830, 832, 850

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

Applicants for admission to the course for the Diploma in Social Administration for graduate students must have attained the age of 21 by 1 October in the year for which they seek admission and they must be graduates of a university.

Admission for British graduates will be determined by interview and relevant documentary evidence. Application must be made by 1 March preceding the session for which admission is desired, but interviews will be given in the Christmas vacation for candidates who apply by the middle of November and during the Lent term for those who apply by the middle of January.

Graduates of overseas universities must apply by 31 January if they are applying from overseas and by 1 March if they are in the United Kingdom. They should have had practical experience of at least one year's duration, preferably in their own country, in the social welfare field or in other relevant work. They are normally required to take an entrance examination, for which there is a fee of £1, and they may be called for interview; if necessary, arrangements can be made for the examination and the interview to take place overseas. Overseas graduates of a British university are not required to take the entrance examination, but they should have had the year's practical experience. The Diploma course is adapted to meet the needs of students, both from the United Kingdom and from overseas, who intend to work outside the United Kingdom, and separate papers for these students are set in the examination for the Diploma. British graduates who wish to follow this 'overseas option' should have had a year's practical experience in an overseas country.

Application forms can be obtained from the department of Social Science and Administration.

Regulations

1. There shall be a Diploma in Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and have completed field work as prescribed in these regulations.
2. No person shall be admitted to the prescribed course of study for the Diploma unless:
 - (a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted;
 - and (b) he shall be a graduate of a university.
3. The prescribed course of study shall be of one academic year's duration.
4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Social Science and Administration, hereinafter referred to as the convener of the department. The examination shall comprise the following papers:
 - (1) Social Policy and Administration
 - (2) The Economic and Social Background to Social Policy and Administration
 - (3) Psychology and Social Structure
5. In each subject of the examination a separate paper shall be set for students from overseas.
6. The examination shall be conducted by such members of the staff of the department of Social Science and Administration as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.
7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of two papers and the examiners do not consider his failure in the third to be serious they may, at their discretion, declare him to be referred in that paper.
8. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.
9. The examiners may test any candidate by means of oral questions.
10. A mark of distinction shall be awarded to candidates who show exceptional merit.
11. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the examination as he has taken, has, in the judgment of the examiners, shown himself

to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

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

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

Diploma for Non-Graduate Students

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

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

	<i>Reference Nos. of Courses</i>
1. Elements of Social Analysis	742, 746a, 746b, 830, 832, 842, 850, 852
2. Social Policy and Administration	262, 421, 430, 720, 722-4, 728, 731, 732
3. Psychology	700, 701, 733, 743, 744, 745b
4. Social Economics	20, 26, 42, 739, 741a, 911, 933

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

Applicants for admission to the course for the Diploma in Social Administration for non-graduate students must have attained the age of 20 by 1 October of the year for which they seek admission, and have completed a period of employment or other suitable experience of approximately one year between leaving school and the date at which they wish to begin the course. They must take an entrance examination, for which there is a fee of £1, and those who reach the required standard in the examination may be called for interview. If necessary, arrangements can be made for the examination and the interview to take place overseas. Application must be made by 31 January by candidates in the United Kingdom and by 1 January by candidates from overseas, preceding the session in which admission is desired. Application forms may be obtained from the department of Social Science and Administration.

Regulations

1. There shall be a Diploma in Social Administration which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and have completed field work as prescribed in these regulations.
2. No person shall be admitted to the prescribed course of study for the Diploma unless:
 - (a) he shall have attained the age of 20 years on or before 1 October of the calendar year in which he is admitted;
 - and (b) he shall, since leaving school, have completed to the satisfaction of the convener of the department of Social Science and Administration (hereinafter in these regulations referred to as the convener of the department) a period of employment or other suitable experience of approximately one year's duration.
3. The prescribed course of study shall be of two academic years' duration.
4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department. The examination shall comprise the following papers:
 - (1) Elements of Social Analysis
 - (2) Social Policy and Administration
 - (3) Psychology
 - (4) Social Economics
5. The examination shall be conducted by such members of the staff of the department of Social Science and Administration as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.
6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of three papers and the examiners do not consider his failure in the fourth to be serious they may, at their discretion, declare him to be referred in that paper.
7. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, and if on one of those occasions he is successful in attaining the prescribed standard in that paper he shall be treated as having then satisfied the examiners in the whole examination.
8. The examiners may test any candidate by means of oral questions.
9. A mark of distinction shall be awarded to candidates who show exceptional merit.
10. The examiners may recommend for an aegrotat any candidate who, having completed not less than half of the examination, has made application, supported by a medical certificate, to the Academic Secretary, and who, in such part of the

examination as he has taken, has, in the judgment of the examiners, shown himself to be qualified for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

11. A candidate who fails to satisfy the examiners in the examination and who is not referred in any paper may be a candidate for the whole examination on two, but not more than two subsequent occasions, of which the first shall not normally be more than two nor the second normally more than four academic years later than the occasion of the candidate's failure. If he is on either of those occasions referred in one paper Regulation 7 shall apply to him.

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

(3) Diploma in Personnel Management

The School offers a one-year course of full-time study for men and women intending to seek employment as Personnel Officers. The course will be for a calendar year, starting with a month's practical work in industry in September and finishing with the examination for the Diploma at the end of the following August.

Applicants should have either a degree or a social science diploma, or should have had considerable industrial or commercial experience. Those without a degree or diploma should be at least 24 years of age. They must take the entrance examination, for which there is a fee of £1, and only those who reach the required standard will be called for interview. All applicants who are exempt from the entrance examination will be given an interview. Applicants from overseas must be university graduates or have a social science diploma, and they must also have had at least two years' experience of industrial or related work in their own country. They are normally required to take the entrance examination and only those who reach the approved standard will be given an interview. If necessary, arrangements can be made for the examination and the interview to take place overseas.

Any person (with the exception of overseas applicants) desiring to enter the School as a regular student must apply by 1 June preceding the session for which admission is desired, but if vacancies are available, later applications from university graduates will be considered. Interviews will be given during the Easter vacation, however, for candidates who apply by 31 January, and those who are not exempt from the entrance examination will take an examination early in March. A second entrance examination will be held at the end of June, followed by interviews in July.

Applicants who are overseas—other than Indians—must apply by 1 January. Applicants in India must apply in the first instance by 1 January to the Secretary, Indian Institute of Personnel Management, Artistry House, 15 Park Street, Calcutta 16, as this Institute arranges interviews in India for all Indian applicants. Overseas applicants in the United Kingdom must apply direct to the School not later than 31 January and they will take the entrance examination in March.

The course is designed to give students knowledge and understanding of the

Regulations for School Diplomas

principles and problems of personnel management, both by theoretical study and by direct experience. For this purpose the School has been fortunate in the assistance received from companies and management organisations which makes it possible for students to obtain varied first-hand experience, including practical training in a personnel department. The first period of practical training is in September preceding the first academic term. The Easter vacation is spent in an investigation in industry. A further period of practical training takes place in July after the Summer term finishes. Students return to the School for revision classes in August. The examination is held at the end of August, and a diploma is awarded as evidence of satisfactory completion of the course.

Application forms and further particulars may be obtained from the Assistant Registrar (Admissions), London School of Economics and Political Science, Houghton Street, London, W.C.2.

Regulations

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

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

(a) he is a graduate of a university

or (b) he holds a certificate or diploma in Social Science

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

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

4. There shall be an examination for the Diploma, to be held at the end of August each year (on dates to be determined by the convener of the department of Social Science and Administration). The examination shall comprise the following:

Reference Nos. of Courses

Part I

Four papers as follows:

- | | |
|--|-------------------------------------|
| 1. The Economics and Organisation of Business Enterprise | 20, 25, 26, 148, 942 |
| 2. Industrial Relations and Industrial Law | 348-50, 354, 356, 447, 447a |
| 3. Industrial Psychology and Sociology | 352b, 352c, 358, 761, 762, 830, 832 |
| 4. Principles and Practice of Personnel Management | 760 |

Part II

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

5. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. For the oral examinations, external examiners

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shall be appointed who, in addition to the appropriate academic qualifications, hold or have held a responsible position in personnel management in industry or commerce. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

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

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

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

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

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

(4) Diploma in Applied Social Studies

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

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

Field work teaching undertaken in various social agencies forms an essential part of the course and is closely integrated with the theoretical part of the studies. Individual tuition is given in both the theoretical and field work parts of the course. The students normally have two field work placements of substantial duration. The second of these is in the field in which they intend to work after qualifying.

Regulations for School Diplomas

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

Applications will be considered in order of receipt, and in any case not after 31 January in the year in which admission is desired. Further particulars may be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2. Letters should be clearly marked 'Applied Social Studies Course'.

Regulations

1. There shall be a Diploma in Applied Social Studies which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and have completed field work as prescribed in these regulations.
2. No person shall be admitted to the prescribed course of study for the Diploma unless:
 - (a) he shall have attained the age of 21 years on or before 1 October of the calendar year in which he is admitted,
 - and (b) he holds a university degree, diploma or certificate in the Social Sciences, approved for this purpose by the convener of the department of Social Science and Administration.
3. The prescribed course of study shall be of one academic year's duration.
4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Social Science and Administration, hereinafter referred to as the convener of the department. The examination shall comprise the following papers:
 1. Human Growth and Behaviour
 2. Casework and Administration
 3. Social Work and Social Problems
5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the convener of the department.
6. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the

Regulations for School Diplomas

time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

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

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

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

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

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

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

(5) Diploma for Social Workers in Mental Health

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

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

discussions and clinical demonstrations, as well as the undertaking of casework for patients and their relatives attending the various training centres.

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

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

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

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

The closing date for applications is 31 January in the year in which admission is desired. Further particulars may be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2. Letters should be clearly marked 'Mental Health Course'.

Regulations

1. There shall be a Diploma in Mental Health which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and have completed field work as prescribed in these regulations.

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

either (a) he shall have attained the age of 22 years on or before 1 October of the calendar year in which he is admitted;

and (b) he holds a university degree *or* a diploma or certificate in the Social Sciences;

and (c) he has experience of social work or work of a similar nature;

or (d) he has attained the age of 25 years and has satisfied the convener of the department of Social Science and Administration, hereinafter referred to as the convener of the department, that he is adequately qualified:

(i) by experience of social work or work of a similar nature

and (ii) by reason of having followed a systematic course of study in the Social Sciences.

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

4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department. The examination shall comprise the following papers:

1. Human Growth and Behaviour

2. Casework and Administration

3. Mental Disorder

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the convener of the department.

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

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

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

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

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

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

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

(6) Diploma in Statistics

The School offers a full-time course for graduate students leading to a Diploma in Statistics. The course is intended for graduates with first degrees in subjects other than statistics and will furnish a basis for further graduate work in statistics as well as provide a qualification for those who wish to embark on a career as a statistician.

Members of the staff of the Statistics department will advise prospective applicants on the relative suitability of the Diploma course and the M.Sc. Statistics course for particular individuals. Generally speaking, the M.Sc. can be obtained in one year only by students who have done a substantial amount of statistics during their first degree courses. In suitable cases it will, however, be possible for

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a student to obtain the M.Sc. by means of a further year's study after completing the Diploma course.

Applications for admission to the course should be made on the prescribed form by 1 February to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2.

Regulations

1. There shall be a Diploma in Statistics which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma.
2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the convener of the department of Statistics.
3. The prescribed course of study shall be of one academic year's duration.
4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the convener of the department of Statistics. The examination shall comprise four papers chosen, subject to the approval of the convener of the department, from the following list:

	<i>Reference Nos. of Courses</i>
1. Statistical Theory	971
2. Statistical Methods and Inference	922, 923, 971
3. <i>Either</i> (i) Mathematics A	909(i), (ii)
<i>or</i> (ii) Mathematics B	910-910b
4. Social Statistics and Survey Methodology	922, 935, 968, 968a
5. Demography	680, 681, 684-6
6. Management Mathematics	917, 943, 943a, 947-948a
7. Economic Statistics	926, 927a, 928-30
8. Economics treated Mathematically	32(i), (ii), 32a, 948, 948a, 976
9. Any other approved paper	—

A candidate's choice of papers shall be subject to the approval of his teachers.

Candidates will normally be expected to include papers 1, 2 and 3 in their choice unless they can satisfy their teachers that they have already reached the required standard in any of these papers.

5. In order to qualify for the award of the Diploma each candidate shall be required to attend a course on computer programming.
6. The examination shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.
7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.
8. The examiners may test any candidate by means of oral questions.

The Graduate School and Regulations for Higher Degrees

In its inception the London School of Economics was dedicated to research and advanced studies; and throughout its existence, the Graduate School, which is one of the largest of its kind in the country, has constituted a major division of its activities.

In the session 1967-68, 1,281 students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University, but qualified applicants are admitted to do research under supervision without working for a degree.

At the present time the work of the Graduate School falls into two parts—advanced training and research.

As regards advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a Master's degree by examination. Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given. Reference to the details of lecture courses, classes and seminars in Part III of this Calendar will show the individual courses involved, which are now provided in the different subjects on a very extensive scale.

As regards research, unique facilities are provided by the close proximity of the School to the centres of government, business and law, and by its ease of access to the British Museum and the Public Record Office which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the Social Sciences.

Graduate students wishing to undertake research will be expected as a general rule to have attained the degree of competence required by the one-year Master's degree. At this stage they have the opportunity of proceeding, according to their competence, either to the M.Phil., which involves a relatively short dissertation, or to the Ph.D., which involves a dissertation of more substantial dimensions. Students who are thus registered are attached to individual supervisors, who at all stages will be responsible for advising them on the planning and execution of their research.

A separate handbook, *The Graduate School*, issued each session, is obtainable by post on request. A copy should be obtained from the Office of the Graduate School by students applying personally for postgraduate registration. It contains a fuller description of graduate facilities, procedure on registration, the main regulations for internal higher degrees of the University of London open to students at the School and notes on library and social facilities.

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

N.B.—If a candidate who has been offered admission for October fails to register

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with 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 cancelled.

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

Higher Degrees

Candidates for internal higher degrees of the University of London must first be accepted by one of the colleges of the University. The fact that a student has satisfied the general requirements of the University of London does not mean that he will obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. The School may specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Candidates may also be asked to take a qualifying examination either before a decision is made on their application, or after the first year of registration at the School. When the candidate is finally accepted by the University, he receives a copy of the full University regulations of the relevant degree. *These alone are authoritative and should be carefully retained and consulted.* Till then he can consult a copy at the Office of the Graduate School, but the School is unable to distribute copies to students. There is given below only a selection of the regulations for those higher degrees for which candidates are most commonly registered at the School, together with a note on certain others.

The Higher Doctorates

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

External Higher Degrees

Only graduates of London University (either internal or external) may proceed to *external* higher degrees of the University. It is **most unusual** for candidates for external higher degrees to be registered at the School, but the Graduate School Committee may in special cases consider such applications. Candidates so accepted must conform to the appropriate School regulations and, while registered, pay the same tuition fees as candidates for internal degrees.

Regulations for Higher Degrees of the University of London

Candidates are directly responsible for knowing and observing University regulations, but deal with the University through the Office of the Graduate School. Only the actual confirmation of registration (see paragraph 2, page 249), the final submission of theses and detailed arrangements for the examinations are conducted directly between the candidate and the University. Instructions on these points are given at the appropriate times.

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Degrees Available and Other Forms of Registration at the School

The degrees for which a student may register at the London School of Economics are as follows:

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

The Ph.D. may be awarded in the Faculties of Arts, Laws, Science, Engineering and Economics.

The M.Phil. may be awarded in the Faculties of Arts, Laws, Science, Engineering and Economics.

The M.Sc. may be awarded in the Faculties of Science, Engineering and Economics.

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

As previously indicated, the School accepts under the Research Fee, students wishing to carry out research without taking a higher degree of London University.

Candidates may also register at the School for the Academic Postgraduate Diploma in Social Anthropology, or the Diploma in Statistics awarded by the School.

Regulations common to the Ph.D. and Master's Degrees

1. Applications for registration (other than for the one-year M.Sc.) submitted to the University later than three months after the date on which the course was begun must be accompanied by a statement from the School in explanation of the delay. Retrospective registration will be allowed in some circumstances and where a student has already been registered in the Graduate School. No retrospective registration towards another degree is allowed for any period spent on the M.Sc.

2. A candidate who has been accepted by the School must register with the University without delay. Only in special circumstances will such a student be permitted to defer completing registration for more than three months from the date on which he was notified that his application for registration was approved. Candidates for the one-year M.Sc. must register within two months of taking up their course.

A fee of £5 is payable for each registration as an internal student of the University for a postgraduate degree except that no additional registration fee is payable by a student who is permitted to transfer his registration from one higher degree to another.

Registration fees are not normally returnable.

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

4. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. A student upon

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whom such a condition has been imposed will normally be required to sit the qualifying examination at least a year before he enters for his degree examination or submits his thesis. If he fails to pass this qualifying examination he will not be permitted to re-enter for it without the permission of the School and the University.

If the qualifying examination imposed consists of a paper or papers from an existing University examination, the fee payable by the candidate is prescribed by the University: £5 for a single paper, £10 for more than one paper. In this case, the candidate is required to submit an entry form to the University by the date prescribed in the regulations for the relevant examination.

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

6. Leave of absence may, under proper conditions, be permitted if the material for the work of a student registered for the M.Phil. or Ph.D. exists elsewhere. A whole-time student granted leave of two terms or more must have been in attendance before entry to the degree examination for not less than four terms at the School and a part-time student not less than seven terms; neither the first nor the last term of the course can be counted as leave of absence.

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

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

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

10. A student submitting a thesis in typescript will be required to supply, at the time of the examination, two of the required copies of his thesis (*one* of which must be the typescript itself, *not* a carbon copy) bound in accordance with the following specification:

Size of paper: quarto (10 inches by 8 inches) or International A4 (11.69 inches by 8.27 inches), except for drawings and maps on which no restriction is placed. A margin of 1½ inches to be left on the left-hand side to allow for binding. Bound in a standardised form as follows: art vellum or cloth; overcast; edges uncut; lettered boldly up back in gold (¼ inch to ½ inch letters), DEGREE, DATE, NAME; short title written or printed neatly and legibly on the front cover.

(The name and address of a firm of bookbinders in London, who will bind theses to this specification may be obtained from the Academic Registrar, University of London, Senate House, W.C.1.)

11. If a student who fails to pass the higher degree examination is allowed to re-enter he will be required to comply with the regulations in force at the time of his re-entry.

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12. Except with the special permission of the Academic Council an internal student will not be permitted to register concurrently for more than one degree, diploma or certificate, nor for any combination of these awards. No student who is registered as an external student may be registered concurrently as an internal student.

The Degree of Doctor of Philosophy

(See also the section above on common regulations)

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

- (i) A graduate of this University;
- (ii) A graduate of another University;
- (iii) The holder of an approved diploma in certain educational institutions of university rank.

An applicant who has not obtained at least a **Second Class (Upper Division)** in an Honours degree of this University, or its equivalent in another university, will not normally be admitted to the Graduate School as a candidate for the Ph.D. degree; and one who has not already obtained a Master's degree of this or another university will usually be required to register, in the first place, for a Master's degree.

2. A student is required to register before proceeding to the Ph.D. degree as an internal student. When applying for registration he must submit satisfactory evidence of his qualifications to proceed to this degree. The Registration Form, when completed, must be returned to the Graduate School Office.

3. In the Faculty of Laws, he must either have obtained the LL.B. with First Class Honours or the LL.M. of London University or a degree of another university, assessed by London University as equivalent to one of these. In exceptional cases exemptions from these requirements may be granted.

4. A student registered for the Ph.D. who wishes to proceed instead to the M.Phil. must apply through the School for permission to do so. The length of further course, if any, which he will be required to pursue for the M.Phil. will be prescribed in each case by the University. On registering for the M.Phil. his Ph.D. registration will lapse.

Course of Study

5. Every candidate must pursue as an internal student:

- (a) a course of not less than two academic years (in the Faculties of Engineering and Science two calendar years) of full-time training in research and research methods, or
- (b) a part-time course of training in research and research methods of not less than three academic years.

N.B.: Students registering for the Ph.D. degree at any time other than the beginning of a session will be required to pursue a full-time course of not less than two calendar years, or a part-time course of not less than three calendar years.

6. A research student engaged in teaching work in a School of the University or elsewhere may be accepted as a full-time student, provided that the total demand made on his time, including any preparation which may be required, does not exceed six hours a week.

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

8. Not later than nine months before the date when he proposes to enter for the examination the student must submit the subject of his thesis for approval by the University. After the subject of the thesis has been approved it may not be changed except with the permission of the University.

Thesis

9. After completing his course of study every candidate must submit a thesis which must comply with the following conditions:

(a) The greater portion of the work submitted therein must have been done after the registration of the student as a candidate for the Ph.D. degree.

(b) It must form a distinct contribution to the knowledge of the subject and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power.

(c) It must be written in English and be satisfactory as regards literary presentation, and if not already published in an approved form, must be suitable for publication, either as submitted or in an abridged or modified form.

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

(e) In the field of History no thesis shall exceed 100,000 words in length (inclusive of footnotes and appendices, but exclusive of bibliography). This regulation does not apply to editions of a text or texts. A candidate wishing to exceed the prescribed limit may apply for permission to the University through his supervisor, such application being made at least six months before the presentation of the thesis.

10. The thesis must consist of the candidate's own account of his research. It may describe work done in conjunction with the teacher who has supervised the work, provided that the candidate clearly states his personal share in the investigation, and that this statement is certified by the teacher. In no case will a paper written or published in the joint names of two or more persons be accepted as a thesis. Work done conjointly with persons other than the candidate's teacher will be accepted as a thesis in special cases only.

11. The candidate must indicate how far the thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance the study of his subject.

Entry for Examination

12. Every candidate must apply to the Graduate School Office for a form of entry, which, when completed and countersigned by the School authorities, must be sent to the University together with the proper fee not earlier than six months and not later than two months before the submission of the thesis.

13. Every candidate must produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the prescribed period. The certificate must be submitted before, or at the same time as the thesis is submitted. The thesis may be submitted on or after the first day of the month following that in which the prescribed course of study is completed. A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June of the relevant year.

A candidate who will not be ready to submit his thesis at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of his course. A candidate who does not submit his form of entry within one calendar year must apply again to the University for admission to the examination if he still desires to proceed to the degree.

If a candidate has not submitted his thesis for examination eighteen months after submission of the form of entry for the examination, his entry will be cancelled and the fee refunded less £4.

A candidate registered for the Ph.D. degree will be required to submit three copies of his thesis typewritten or published in his own name. In the Faculty of Arts or Science he is required to bring an additional copy to the oral examination adequately bound and paginated in the same way as the three copies submitted to the University.

14. The candidate is invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly. In the event of a candidate submitting such subsidiary matter he will be required to state fully his own share in any conjoint work.

Examination

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

16. If the thesis is adequate the examiners shall examine the candidate orally and at their discretion by written papers or practical examinations or by both methods on the subject of the thesis and, if they see fit, on subjects relevant thereto; provided that a candidate for the Ph.D. degree in the Faculty of Arts who has obtained the degree of M.A. in the same subject in this University shall in any case be exempted from a written examination.

17. If the thesis is adequate, but the candidate fails to satisfy the examiners at the oral, practical or written examination held in connection therewith, the examiners may recommend to the Senate that the candidate be permitted to re-present the same thesis and submit to a further oral, practical or written examination within a period not exceeding eighteen months specified by them. The fee payable on re-entry to the Ph.D. examination by any referred candidate shall be half the normal entry fee.

18. If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may recommend to the Senate that the candidate be permitted to re-present his thesis in a revised form within eighteen months from the decision

of the Senate with regard thereto, and the fee on re-entry, if the Senate adopt such recommendation, shall be half the normal entry fee. Examiners shall not, however, make such recommendation without submitting the candidate to an oral examination.

19. For the purposes of the oral, practical or written examination held in connection with his thesis the candidate will be required to present himself at such place as the University may direct and upon such day or days as shall be notified to him.

20. Work approved for the degree of Ph.D. and subsequently published must contain a reference, either on the title page or in the preface, to the fact that the work has been approved by the University for the award of the degree.

Master's Degrees

General Note on Regulations for Master's Degrees

(See also section on common regulations)

1. The following are eligible, by University regulations, to apply to the School for registration for a Master's degree:

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

2. A student is required to register before proceeding to a Master's degree as an internal student. When applying for registration he must submit evidence of his qualification to proceed to a Master's degree.

3. A student admitted to the School must apply to the University for registration as a candidate for a Master's degree, on the prescribed form through the Office of the Graduate School.

4. Students required to enter for a special examination or for the whole or a part of an examination for a lower degree as a qualification for admission to the examination for a Master's degree, will generally be required to pass such a qualifying examination at least one year before entry to the examination for the Master's degree. The lower degree, however, will not be granted to such persons.

5. A candidate registered for the M.Phil. who subsequently desires to proceed instead to the Ph.D. degree must apply through the authorities of his college, school or institution for permission to do so. A full-time or part-time student may be granted retrospective registration for another degree in respect of part of his previous course of study.

6. A student registered for a Master's degree is required to pursue an approved course of study. When he applies to be examined for the degree (by completing an entry form obtainable from the Office of the Graduate School), he must produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the minimum period prescribed by the University.

7. A student registered for the M.Phil. will not be permitted to publish his thesis as a thesis approved for the Master's degree without the special permission of the University.

8. Information about the examinations for each of the Master's degrees are to be found below.

9. Candidates who are prevented on medical grounds from taking all or part of a written examination under revised regulations for the degree of M.A. or M.Sc. in the Faculty of Economics at the normal time, may, with the approval of the relevant Boards of Examiners, be set a special examination in the papers missed, as soon as possible after that date. Application on behalf of such candidates must be made by the School, be accompanied by a medical certificate and reach the Academic Registrar, University of London, Malet Street, London, W.C.1, within seven days from the last day of the examination.

The Degree of Master of Science (M.Sc.) in the Faculty of Economics

The degree of Master of Science in the Faculty of Economics is awarded by examination in the following branches:

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

Qualifications for Admission

A graduate who has not obtained at least a **Second Class Honours** degree in this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Sc. degree.

Registration with the University

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

The Course of Study

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

The Graduate School

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

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

The Examination

The examination in each branch of study will take place once a year, either in the third week of June or in the third week of September.¹ It will consist of written papers, where appropriate a test of practical work or an essay written during the course of study, and, at the discretion of the examiners, an oral examination.

Each candidate must apply to the Graduate School Office for a form of entry either by 15 January or by 1 April for the June or the September examination respectively. This form must be sent, duly completed, together with the appropriate fee to the Academic Registrar **not later than 1 February or 1 May**.

A candidate who fails in his examination will not normally be readmitted to the School.

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

A diploma for the M.Sc. degree, under the Seal of the University, will be sent to each successful candidate, after the report of the examiners shall have been approved by the Senate.

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

If a candidate withdraws, for reasons other than his own illness or the death of a near relative, from a written examination for a Master's degree after the last date of entry, but not later than the above date, the entry fee less £4 will be refunded.

Subjects of Study

The following is a list, arranged under branches of study, of the subjects which may be offered. Where approval for a special subject is required it must be sought at the beginning of the course of study.

Candidates who intend to study a particular region in any of the following branches: Economics, Geography, International Relations, Politics, Sociology, may, with the consent of the teachers in the relevant branches substitute for one (or in exceptional cases for two) of the papers prescribed one (or two) papers concerned with their chosen region from one (or two) other branches.²

In addition to taking four examination papers, candidates may be required to satisfy a language requirement in a language appropriate to their chosen region.

¹In the following branches of study the examination will take place in June: Accounting and Finance, Economics, Econometrics, Industrial Relations, International Law, International Relations, Operational Research, Logic and Scientific Method, Regional and Urban Planning Studies, Social Administration and Social Work Studies, Social Psychology, Statistics. In the following branches of study the examination will take place in September: Demography, Economic History, Geography, International History, Politics, Social Anthropology, Sociology.

²Where Regulations for a Branch permit a subject to be chosen from another Branch the examination for that subject will be taken at the same time as the examination in the Branch for which the candidate is registered.

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I. Accounting and Finance

Reference Nos. of Courses

The examination will consist of four papers on subjects selected from the list below. The selection must be approved by the candidate's teachers. At least two papers must be written on subject (1).

1. Economic Aspects of Accounting I—IV 137-9, 149, 150, 152, 153, 936, 939
2. Economics of Industry 151
3. Management Mathematics 911, 942, 942a
4. Mathematical Programming 975-6
5. Systems Analysis I and II 980-9
6. Any other subject approved by the candidate's teachers —

If the candidate's teachers approve, an essay or report of not more than 10,000 words, written during the course of study, may be substituted for one of these papers.

II. Demography

Reference Nos. of Courses

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

1. Demography I 682, 684, 687, 688, 690-2
2. Demography II 680, 681, 685, 688, 689
3. *One of the following:*
 - (i) Methods of Sociological Study 861, 862, 990, 991
 - (ii) Social Structure and Social Change —
 - (iii) Economics of Poor Countries and their Development 83-85(ii)a
 - (iv) Economic Growth Historically Considered 281
 - (v) Problems of Public Health and Socio-medical Research 871
 - (vi) Design and Analysis of Statistical Investigation 956(ii)-7, 964
 - (vii) Any other subject approved by the candidate's teachers¹ —

III. Economics

Reference Nos. of Courses

The examination will consist of four papers as follows:

1. Economic Theory I 55-56a, 58-60a, 62, 62a
2. Economic Theory II 55-57a, 59-61a
3. Methods of Economic Investigation 55-56a, 63, 63a
4. *One of the following (one paper):*
 - (i) Advanced Economic Theory I: Theory of Economic Growth 64, 64a, 113, 953
 - (ii) Advanced Economic Theory II: Linear Economic Models 65-66a, 953

¹Only subjects organically connected with the candidates main subject will be considered. Each application requires approval by the appropriate Higher Degrees Sub-Committee.

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	<i>Reference Nos. of Courses</i>
(iii) History of Economic Thought	30, 31(ii), (iii), 67
(iv) International Economics	68-71, 113
(v) Theory of Optimal Decisions	72, 72a
(vi) Labour Economics	73, 73a, 103, 351
(vii) Monetary History and Analysis of Monetary Institutions	74-5, 77, 78
(viii) Analysis of Monetary Institutions and Monetary Theory	75-8
(ix) Economics of Public Enterprise	—
(x) Economics of Transport	—
(xi) Public Finance	41, 42, 79-80, 472
(xii) Economics of Industry	81-2
(xiii) The Economics of Poor Countries and their Development	83-85(ii)a, 103
(xiv) Agricultural Economics	86-9
(xv) Economic Aspects of Accounting	133, 133a, 137, 149, 150, 152, 154, 154a, 936
(xvi) Economic Problems of the Communist World I: Soviet Economic Structure	85(i)-85(ii)a, 91, 92, 94, 105
(xvii) Economic Problems of the Communist World II: Techniques in Normative and Indicative Planning	85(i)-85(ii)a, 92-4, 105
(xviii) Any other field of Economics approved by the candidate's teachers	—

A candidate may, subject to approval of his teachers, substitute for one of the papers under 1, 2 or 3 a second paper in the subject selected under 4 or a paper in a second subject under 4.

N.B. In session 1968-69 no teaching will be offered for paper (ix).

IV. Econometrics

	<i>Reference Nos. of Courses</i>
The examination will consist of four papers as follows:	
1. Quantitative Economics I (one paper)	95
2. <i>Three</i> of the following:	
(i) Quantitative Economics II	95
(ii) Econometric Theory I	99-100, 965
(iii) Econometric Theory II (available only to candidates taking 2 (ii))	99-100, 966, 967
(iv) Advanced Mathematical Economics I	96, 98, 953, 976
(v) Advanced Mathematical Economics II (available only to candidates taking 2 (iv))	96, 98, 953
(vi) Mathematical Programming	975, 975a
(vii) Any other subject approved by the candidate's teachers ¹	—

In exceptional circumstances and subject to the approval of the candidate's teachers, a candidate may substitute a record of practical work for one of the papers under 2.

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

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V. Economic History

	<i>Reference Nos. of Courses</i>
The examination will consist of three papers and an essay written during the course of study. The candidate's choice of papers and essay title will require the approval of his or her supervisor.	
1. The sources and historiography of Economic History in one of the following periods:	
(i) England 1350-1500	277
(ii) England in the 17th century	263, 278
(iii) Britain 1783-1850	264, 266, 279
(iv) Britain 1900-1950	264, 279
(v) U.S.A. 1890-1929	267(iii), 280
2. <i>Either</i> a second paper under 1 <i>or</i> a paper on a specified period in the Economic History of Great Britain or the U.S.A.	—
3. An essay of about 10,000 words on an approved topic relating to the period chosen for paper 1	—
4. <i>One</i> of the following:	
(i) Economic Growth Historically Considered	281
(ii) Social Structure and Social Change	—
(iii) The History of Science and Technology in Western Europe <i>either</i> 1500-1750 <i>or</i> 1750-1900	—
(iv) The Economic Geography of the U.S.A.	—
(v) The History of Economic Thought	67
(vi) The Regulation of Industry by Government in the U.S.A.	—
(vii) Elementary Statistics	926
(viii) British Labour History 1815-1939	276

VI. Geography

	<i>Reference Nos. of Courses</i>
The examination will consist of four papers as follows:	
1. Modern Geographical Thought and Practice	
2. Three papers taken in <i>one</i> or, in special cases <i>two</i> , of the following:	
(i) Economic Geography	} Appropriate courses, including Nos. 230-237, will be arranged in consultation with supervisors
(ii) Historical Geography	
(iii) Social Geography	
(iv) Physical Geography	
(v) Cartography	
(vi) Geography of a particular Region	

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As an alternative to one of these papers candidates may submit an essay of not more than 6,000 words on an approved topic. Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

VII. Industrial Relations

Candidates will be required to study the structure and functioning of systems of industrial relations in Britain, U.S.A. and other countries. The examination will consist of four papers or of three papers and an essay of not more than 10,000 words on a topic approved by the School authorities, written during the course of study, as follows:

- 1. Industrial Relations (2 papers)
 - 2. Two papers (or one paper if an essay is also submitted) in one of the following groups:
 - (i) Labour Economics
 - (ii) Labour History
 - (iii) Labour Law
 - (iv) Industrial Psychology
 - (v) Industrial Sociology
 - (vi) Labour Statistics and Research Methods
- } Supervisors will recommend to candidates the courses appropriate for the options selected

VIII. International History

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

The examination will consist of three papers and an essay written during the course of study, as follows:

- 1. A specified period of modern International History
 - 2. An approved aspect of the candidate's chosen period, studied in relation to prescribed sources
 - 3. The study of Diplomatic Theory and Practice in a prescribed period
 - 4. An essay of not more than 10,000 words on an approved topic relating to the candidate's chosen period
- } By Special arrangement. See page 367.

IX. International Law

This Branch of the M.Sc. is not offered at the School.

X. International Relations

The examination will consist of four papers (one of them an essay paper) and a record of work assigned during the course.

Candidates will be required to choose their four papers from one of the following seven general subjects:

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| <ul style="list-style-type: none"> 1. International Politics: <ul style="list-style-type: none"> (i) The International Political System (ii) International Institutions (iii) Foreign Policy Analysis (iv) An essay | <p style="text-align: center;"><i>Reference Nos. of Courses</i></p> <p style="font-size: 2em;">}</p> <p>293, 449, 511, 512, 514, 517, 521, 524, 526, 528-31, 533, 536, 537a, 538, 545, 552</p> |
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Reference Nos. of Courses

- 2. The Foreign Policies of the Powers:
 - (i) The International Political System
 - (ii) Foreign Policy Analysis
 - (iii) The Foreign Policy of one of the following:
 - China
 - France
 - India
 - The Soviet Union
 - The United Kingdom
 - The United States
 - (iv) An essay

} 293, 315, 511-5, 520, 536-7d, 542, 543
- 3. International Institutions:
 - (i) Theories of International Institutional Co-operation
 - (ii) International Institutions
 - (iii) One of the following:
 - (a) The Politics of International Economic Institutions
 - (b) The Law of International Institutions
 - (c) The Commonwealth
 - (d) The International Organs of the Communist World
 - (iv) An essay

} 467, 517, 518, 520, 538, 541, 542, 553
- 4. European Institutions:
 - (i) Theories of International Institutional Co-operation
 - (ii) European Institutions
 - (iii) One of the following:
 - (a) The European Executives
 - (b) The Law of European Institutions
 - (iv) An essay

} 468, 517-9, 540, 553
- 5. Theories of International Politics:
 - (i) The History of International Thought
 - (ii) Theories of International Behaviour
 - (iii) Problems of International Theory
 - (iv) An essay

} 528-30, 552
- 6. Strategic Studies:
 - (i) War and Crisis in International Relations
 - (ii) Contemporary Strategic Problems
 - (iii) International Thought from Clausewitz to the Present
 - (iv) An essay

} 522-7a, 533, 546, 547, 549
- 7. International Politics of an approved region:
 - Three papers and an essay on:
 - Either (a) Europe
 - or (b) Africa
 - or (c) Southern Asia

} 299, 511, 513-5, 520, 521, 526, 536, 540, 542-4, 614, 615, 617

XI. Operational Research

The examination will consist of five papers (or four papers and a report on an approved project) and a record of practical work assigned during the course.

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	<i>Reference Nos. of Courses</i>
1. <i>Either</i> Statistical Theory or Design and Analysis of Statistical Investigation	971, 971a 956(ii)-7, 964
2. <i>Either</i> Stochastic Processes and Applications or Probability, Stochastic Processes and Distribution Theory	951, 951a, 974, 974a 950-2a, 954
3. Mathematical Programming	975-6
4. <i>Two</i> (or <i>one</i> where a report on an approved project is submitted) of the following:	
(i) Operational Research Methods	486, 709, 763, 978
(ii) Management Accounting	133, 133a, 137, 154, 154a, 936
(iii) Automatic Data Processing	939, 972, 973, 980, 982, 983
(iv) Econometric Theory I	99, 99a, 965-7
(v) Systems Analysis I	980-5
(vi) Systems Analysis II	986-9
(vii) Any other subject approved by the candidate's teachers ¹	—

The choice of subjects in papers 1 and 2, the choice of options and, where relevant, the choice of project to be reported on, must all be approved by the candidate's teachers.

N.B. A knowledge of mathematics, statistics and economics to the level of the Part I examination of the B.Sc. (Econ.) will be assumed. A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

XII. Logic and Scientific Method

	<i>Reference Nos. of Courses</i>
The examination will consist of <i>four</i> of the following:	
1. <i>Either</i> (a) Mathematical Logic or (b) Elements of Mathematical Logic	490, 492, 493, 953 487, 490, 492, 953
2. Advanced Scientific Method	486, 496
3. History of Epistemology	488, 496
4. Philosophy of Mathematics	497
5. Foundations of Probability and Statistics	917
6. Selected Topics in the History of Science	491
7. Methodology of the Social Sciences	489, 499

XIII. Planning Studies

Regional and Urban Planning Studies

The examination will consist of three papers and *either* an essay or a report of practical exercises.

	<i>Reference Nos. of Courses</i>
1. The Economics of Regional and Urban Planning	28(i)-(iii)a, 101
2. Administration in Regional and Urban Planning	574-5a, 607, 607a, 609
3. Geographical Aspects of Regional and Urban Planning	216, 229, 229a, 238, 239

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

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	<i>Reference Nos. of Courses</i>
4. <i>Either</i> an essay of not more than 10,000 words on an approved topic ¹	—
or a report of not more than 10,000 words on practical exercises carried out during the course	—

The essay or report on practical exercises should be submitted to the University in September.

Candidates must also satisfy the examiners that they have a sufficient level of attainment in statistics.

XIV. Politics

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

	<i>Reference Nos. of Courses</i>
Candidates will be required to choose <i>one</i> of the following:	
1. History of Political Thought	598
2. The Politics and Government of the United Kingdom	599
3. Comparative Government	600
4. Political Sociology	573, 601-6, 615, 836, 838, 847, 869
5. Theory and Practice of Public Administration	9, 575, 575a, 607-8, 610-3(ii)
6. The Politics and Government of an approved country (other than the United Kingdom), a federation, association or group of countries; or the government and the economy of an approved country. (Candidates may be required to acquire a knowledge of an appropriate foreign language and will normally be required to do a minimum course of two years' study.)	9, 614-8, 621

XV. Social Administration and Social Work Studies

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

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

Either A	<i>Reference Nos. of Courses</i>
1. Social Policy and Administration	748
2. <i>Two</i> of the following:	
(i) Medical Care	749
(ii) Social Security	750
(iii) Welfare Services	751
(iv) Housing and Town Planning	609, 752
(v) Community Development	726, 727, 729b, 753
(vi) The Sociology of Family Law	—
(vii) Educational Administration	754
(viii) A paper from another Branch of M.Sc. study (with the consent of the candidate's teachers)	—

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

The Graduate School

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| | <i>Reference Nos. of Courses</i> |
| 3. An essay of not more than 10,000 words on a topic approved by the candidate's teachers. ¹ | — |

Or B

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

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

Supervisors will recommend appropriate courses for option B.

XVI. Social Anthropology

This branch of the M.Sc. is not offered at the School.

XVII. Social Psychology

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

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| | <i>Reference Nos. of Courses</i> |
| 1. Theories and Concepts of Social Psychology | 710, 711, 877 |
| 2. Social Psychological Methods of Research | 714, 990 |
| 3. <i>Two</i> of the following: | |
| (i) Personality and Child Development | 716 |
| (ii) Psychology of Language | 365, 703, 713 |
| (iii) Groups and Group Functioning | 717 |
| (iv) Social Psychology of Industrial and Other Organisations | 715 |
| (v) Social Psychology of Conflict | 719 |
| (vi) Communication, Attitude Change and Innovation | 705, 712 |
| (vii) Social Psychology of Education and Work | 704, 705, 718 |
| (viii) Selected Issues in Social Psychology | — |

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

XVIII. Sociology

The examination will consist of four papers or three papers and an essay as follows:

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|--|----------------------------------|
| | <i>Reference Nos. of Courses</i> |
| 1. Sociological Theory | 838, 841, 859-60(ii) |
| 2. Methods of Sociological Study | 861, 862, 912, 933, 990, 991 |
| 3. <i>Two</i> of the following: | |
| (i) Social Structure of Industrial Societies | 863 |
| (ii) Sociology of Education | 866, 866a |
| (iii) Sociology of Deviant Behaviour | 864 |
| (iv) Sociology of Religion | 875 |
| (v) Industrial Sociology | 351, 352 |
| (vi) Social Structure and Social Change | — |
| (vii) Social Structure of Non-industrial Societies | — |

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

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| | <i>Reference Nos. of Courses</i> |
| (viii) Sociology of Development (with special reference to one region, e.g., Japan or Latin America) | 626, 867(i), (ii), 872(i), (ii), 873, 874, 876 |
| (ix) Demography | 682, 684, 687, 688, 690-2 |
| (x) Race Relations | 868 |
| (xi) Theories and Concepts of Political Sociology | 573, 601-6, 836, 847 |
| (xii) Political Stability and Change | 573, 601-6, 615, 836, 847 |
| (xiii) The Study of Political Behaviour | 573, 836, 847, 869 |
| (xiv) Medical Sociology | — |
| (xv) Sociology of Law | — |
| (xvi) An essay of not more than 10,000 words on an approved topic, to be written during the course | — |

Practical work done during the year may be taken into account in the final assessment at the time of the examination.

In exceptional circumstances and by special permission of the School authorities a paper selected from 3 may be substituted for paper 1 or 2.

Candidates wishing to take a paper in Social Psychology as an optional paper in place of one of the above options may, with the approval of the School authorities, choose any one of the subjects offered in the M.Sc. in Social Psychology, but must take the examination at the same time as they take their other papers.

N.B. In session 1968-69 no teaching will be offered for papers (vi), (vii), (xiv) and (xv).

XIX. Statistics

The examination will consist of three papers and a record of practical work¹ done during the course. The choice of papers must be approved by the School authorities.

- | | |
|---|----------------------------------|
| | <i>Reference Nos. of Courses</i> |
| 1. Probability, Stochastic Processes and Distribution Theory | 950-2a, 954 |
| 2. Statistical Methodology and Inference | 955-6a, 965-7 |
| 3. Design and Analysis of Statistical Investigation | 956(ii)-7, 964 |
| 4. Selected Techniques and Model Building | 958-61 |
| 5. Econometric Theory I | 99, 99a, 965-7 |
| 6. Mathematical Programming | 975-6 |
| 7. Survey Theory and Methods | 922, 962-3 |
| 8. Educational Statistics | 968, 968a |
| 9. Mathematics (by special arrangement only) | |
| 10. Statistical Methods in Psychology (by special arrangement only) | |
| 11. Demographic Techniques and Analysis (by special arrangement only) | |
| 12. Any other topic approved by the candidate's teachers ² | |

¹ Courses 969, 970.

² Only subjects organically connected with the candidate's main subject will be considered; each application requires approval by the appropriate Higher Degrees Sub-Committee.

The Degree of Master of Arts (M.A.) in Area Studies

The University offers an M.A. degree in Area Studies, but candidates cannot apply direct to the School. They are advised to write for details to the Academic Registrar, University of London, Senate House, W.C.1.

The Degree of Master of Philosophy. (M.Phil.) in the Faculty of Economics

The degree of Master of Philosophy in the Faculty of Economics is awarded by dissertation in the following fields of study:

Accounting and Finance	Geography	Politics
Business Administration	Industrial Relations	Social Administration
Demography	International History	Social Anthropology
Econometrics	International Law	Social Psychology
Economic History	International Relations	Sociology
Economics	Operational Research	Statistics
	Philosophy	

Qualifications for Admission

A graduate who has not obtained at least a **Second Class (Upper Division)** in an Honours degree of this University, or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Phil. Degree.

A candidate whose initial qualification in the field of study he wishes to pursue is held by the School to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before he submits his dissertation.

The Course of Study and the Dissertation

The course of study will extend over not less than **two** academic years.

Students registering for the M.Phil. at any time other than the beginning of the session will be required to pursue a course of not less than two calendar years.

Each candidate will settle with his supervisor the subject and title of his dissertation and must have it approved by the University at least nine months before he submits the dissertation, which must not exceed 55,000 words.

The thesis or dissertation must be written in English. The greater portion of the work must have been done after the registration of the student as a candidate for the M.Phil. The thesis or dissertation shall be either a record of original work or an ordered and critical exposition of existing knowledge.

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

The examination will consist of (a) a thesis, and (b) an oral examination which

will include a test of the candidate's knowledge of the general background of his thesis.

A candidate will be permitted to enter at any time during the year provided that he has completed the prescribed course of study. A candidate will be permitted to submit his entry form and fee not less than two and not more than six months before he is eligible to submit his thesis for examination.

A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June in the year in which the course of study is completed.

If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may, after having examined the candidate orally, recommend the University to permit the candidate to re-submit the thesis in a revised form within twelve months from the decision of the University with regard thereto. The examiners may, if they so desire, require the candidate to submit to a further oral examination when he presents the revised thesis for examination.

A list of candidates for the M.Phil. examination who have satisfied the examiners, arranged in alphabetical order, will be published by the Academic Registrar. A mark of distinction will be placed against the names of those candidates who show exceptional merit. No unsuccessful candidate will be permitted to re-enter within one year of the date of his first entry without the permission of the examiners, save that a candidate who has failed in respect of his dissertation alone may re-present his revised dissertation at any time.

A candidate registered for the M.Phil. degree may, with the approval of his supervisor and of the School, be transferred to registration for the Ph.D. degree. Where this is permitted he may be allowed to count part of the period during which he was registered for the M.Phil. degree towards the registration period for the Ph.D. degree.

Fees for the Examination

Every candidate for the degree of M.Phil. must at each entry to the whole examination pay a fee of £25.

The Degree of Master of Philosophy (M.Phil.) in the Faculties of Arts and Laws

The M.Phil. by thesis or dissertation is awarded in the Faculty of Arts in:

Social Anthropology
Geography
History
Philosophy
Psychology
Sociology

Candidates for the M.Phil. in Anthropology or Geography will be examined by means of a thesis and an oral examination. In Psychology the University may in certain cases prescribe written papers and/or practical examinations.

The M.Phil. by thesis or dissertation is awarded also in the Faculty of Laws.

The Degree of Master of Laws (LL.M.)

Qualifications for Admission

Candidates entering for the LL.M. examination after the minimum course of one year must have obtained either First or Second Class Honours at a first degree of the University of London or an approved equivalent degree.

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

Course of Study

The course will extend over not less than one academic year and the examination will take place once in each year in September.

Every candidate must submit a form of entry duly completed, together with the appropriate fee, not later than 1 May.

The subjects of the examination are as follows:

1. Jurisprudence and Legal Theory¹
2. Legal History
3. Administrative Law and Local Government Law¹
4. Constitutional Laws of the Commonwealth, I
5. Constitutional Laws of the Commonwealth, II
6. Company Law (*This subject may not be taken by candidates who have taken 'Law of Business Associations', at the LL.B.*)
7. Insurance (excluding Marine Insurance)¹
8. Marine Insurance¹
9. Carriage of Goods by Sea¹
10. Maritime Law (excluding Carriage of Goods by Sea and Marine Insurance)¹
11. Law of Personal Taxation
12. Law of Business Taxation
13. Law of Mortgages and Charities¹
14. Law of Landlord and Tenant¹
15. Planning Law¹
16. Law of Estate Planning
17. The Law of Restitution
18. Monopoly, Competition and the Law
19. The Principles of Civil Litigation
20. Comparative Law of Contract in Roman and English Law¹
21. Comparative Criminal Law and Procedure
22. Comparative Conflict of Laws
23. Comparative European Law¹
24. Soviet Law (*Candidates taking this subject may not take Section B 3 'Soviet Law' under subject 23, Comparative European Law*)
25. Comparative Family Law (*Candidates taking this subject may not take option B 'Civil Law and Domestic Relations' under subject 24, Soviet Law*)
26. History of International Law¹
27. Law of International Institutions
28. Law of European Institutions

¹These subjects will not be taught at the School in the session 1968-69, but candidates wishing to study one (or, in exceptional circumstances, two) of them may take the relevant courses at other colleges while registered at the School.

29. Air and Space Law¹
30. International Law of the Sea
31. International Law of War and Neutrality¹
32. International Economic Law¹
33. African Law¹
34. Hindu Law¹
35. Muhammadan Law¹
36. Criminology
37. Industrial and Intellectual Property

A candidate may, in exceptional cases and by special permission of the University, select one (or two) of the following subjects in place of one (or two) of the preceding subjects:

38. Social Security
39. Sociology of Family Law
40. Social Structure of Industrial Societies
41. Survey Methods
42. Social Statistics
43. The International Political System
44. Problems of International Theory.

Diploma in Statistics

The School offers a full-time course for graduate students leading to a Diploma in Statistics. For details about this diploma please see pages 245-6.

¹These subjects will not be taught at the School in the session 1968-69, but candidates wishing to study one (or, in exceptional circumstances, two) of them may take the relevant courses at other colleges while registered at the School.

Academic Postgraduate Diploma in Social Anthropology

This diploma is awarded by the University of London and a full-time course of study is arranged by the School.

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

All students should read the *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, W.C.1.

The diploma course is open to:

- (a) Students of postgraduate standing whose undergraduate courses have in the opinion of the University included a suitable preliminary training.
- (b) Students who, though not graduates, have satisfied the University that their previous education and experience qualify them to rank on the same level as graduates approved under (a) for this purpose.

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

Candidates are required to take the following papers:

- (i) History and Principles of Social Anthropology
- (ii) Social Structure; Political and Economic Organisation
- (iii) Values, Beliefs and Ritual
- (iv) and (v) *Two* of the following options:
 - (a) Ethnography of a region with special reference to selected peoples (any region indicated for the B.A. Degree in Anthropology examination may be offered for the Diploma). Consideration will be given to the major indigenous institutions and their significance in modern conditions
 - (b) Applied Social Anthropology
or Social Change in Developing Societies
 - (c) Social Anthropological Studies of Sectors of Complex Modern Societies
 - (d) General Principles of Linguistics
 - (e) Primitive Technology
 - (f) An essay consisting of a paper of three hours, relating to a subject within the fields of the first three papers
 - (g) Primitive Art

Supervisors will recommend to candidates courses appropriate for this Diploma.

A dissertation of not more than 30,000 words may be offered in lieu of papers (iv) and (v). The subject of the dissertation must be submitted to the candidate's supervisor by 1 January.

The examination is held once a year beginning on the second Monday in June. Every student entering for this examination must apply to the Graduate School Office by 1 March at the latest, for an entry form which must be returned to the University, duly completed with the certificate of course of study thereon attested in accordance with General Regulations for Approved Courses of Study, together

Regulations for Academic Diploma

with the proper fee, not later than 15 March. Candidates submitting original work in the form of a dissertation must submit two copies of the dissertation typewritten or printed, and bound in the prescribed fashion, not later than 15 May.

The fee is £18 for each entry to the examination.

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

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

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

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

Dates of Examinations

(INTERNAL STUDENTS)

1968-1969

Entry forms for first-degree examinations should be obtained from the Registry (Room H310) at least one month before the closing date. After completion by the student of the appropriate section the form should be returned to the Registry, together with the relevant enclosures. The School will forward all forms to the University. A time table of the examination is sent to each student by the University in advance of the examination.

Students registered in the Graduate School should obtain their entry forms from the Graduate School Office at least one month before the closing date.

N.B. Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

B.Sc. (Econ.) Final, Part I	
Entry closes	1 February 1969
Examination begins	5 June 1969
B.Sc. (Econ.) Final, Part II	
Entry closes	1 February 1969
Examination begins	19 May 1969
B.Sc. (Soc.)	
Entry closes	1 February 1969
Examination begins	29 May 1969
B.Sc. Social Anthropology (all years)	
Entry closes	28 February 1969
Examination begins	To be announced
B.Sc. Geography (all years)	
Entry closes	28 February 1969
Examination begins	To be announced
B.Sc. Mathematics, Part I	
Entry closes	1 February 1969
Examination begins	5 June 1969
B.A. Final	
Entry closes	15 February 1969
Examination begins	29 May 1969
LL.B. (New Regulations)	To be announced

Dates of Examinations

M.Sc.	
Entry closes	1 February 1969 for June examination 1 May 1969 for September examination
Examination begins	Either 16 June 1969 or 22 September 1969 according to subject
LL.M.	
Entry closes	1 May 1969
Examination begins	2 September 1969
Academic Postgraduate Diploma in Anthropology	
Entry closes	15 March 1969
Examination begins	9 June 1969

Course in Trade Union Studies

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

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

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

The syllabus of study consists of six subjects for which lectures and special classes are provided. The subjects are:

- (i) Economics.
- (ii) Contemporary Trade Unionism and Industrial Relations.
- (iii) British Economic and Social History, with special reference to the growth of Labour Movements.
- (iv) Law, with special reference to Trade Unionism.
- (v) Political Theory and Organisation.
- (vi) Elementary Statistics and Business Finance.
- (vii) Industrial Sociology and Psychology.

Problems of human relations; the social organisation of industry; industrial relations in overseas territories and the work of international organisations are covered in a series of lectures and classes.

There is a regular series of talks and discussions given or opened by prominent leaders and students of Trade Unionism.

On the completion of the course the student will receive a certificate from the School describing the work done and the standard reached during his period of study.

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

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

Members of affiliated trade unions may be eligible for scholarships provided by the Trades Union Congress, to whom they should apply.

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 Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.

2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any former student of the School who has attained distinction in the arts, science or public life, or any person who has rendered exceptional services to the School, or to the arts, science or public life.

3. No full-time member of the staff of the School shall be elected an Honorary Fellow.

4. Not more than 30 Honorary Fellows shall be elected at the meeting of the Court of Governors to be held in the Michaelmas term 1958. Thereafter elections may be made annually in the Michaelmas term. In any year after 1958 the number of persons elected shall not, save for special reasons considered adequate by the Court, exceed seven nor shall there be included amongst them, save for the like reasons, more than one person who is not a former student of the School.

5. Suggestions for election to Honorary Fellowships shall be invited annually by the Honorary Fellows Committee in May from:

- (i) each member of the Court of Governors,
- (ii) each member of the Academic Board,
- (iii) each Honorary Fellow.

6. Every suggestion shall be made in writing, shall be signed by the person making it and shall be received by the Secretary not later than 31 May. Thereafter, unless successful or withdrawn, it shall be regarded as current for three successive years, after which it shall lapse; but a fresh suggestion of the same name can be made.

7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.

8. In each year the Honorary Fellows Committee shall not earlier than 1 June nor later than 15 October consider the current list of names suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.

9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas term.

10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

The Library

The British Library of Political and Economic Science, which is the library of the School, was founded by public subscription in 1896, a year later than the School. From the outset it was intended to serve not only as the working library of the School (shortly to become the principal seat of the Faculty of Economics in the new teaching University of London) but also as a national collection.

These interdependent functions have grown together; the School has given the Library wide contacts with the public and academic worlds, and a standing which it could not easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School in ever-increasing numbers.

It is freely open to students of the School and is extensively used by other scholars and investigators. Application by non-members of the School for readers' permits must be made on a special form, which may be obtained from the Librarian.

The scope of the Library is the social sciences in the widest sense of that term. It is particularly rich in economics, in commerce and business administration, in transport, in statistics, in political science and public administration, in international law and in the social, economic and international aspects of history. As well as treatises and some 11,500 non-governmental periodicals (of which 4,200 are received currently), it contains some 450,000 controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including some 9,500 serials (of which 6,100 are received currently); collections which are probably unique of reports of local government authorities, of banks, and of railways; much historical material; and miscellaneous manuscript and printed collections of very varied extent and kind. The total amounts to some 510,000 bound volumes; the total number of separate items is estimated at over a million and three quarters. In some subjects within its field, the Library is surpassed only by smaller and more highly specialised libraries, and in others it is unsurpassed; as a whole it is perhaps the largest library in the world devoted exclusively to the social sciences.

There is a full author catalogue typed on cards. The subject catalogue is published as *A London Bibliography of the Social Sciences*; this also contains books in certain other specialised libraries, and is widely used not only as a key to the contents of the Library, but also as a general bibliography of the social sciences. Further particulars of this work may be obtained from the Librarian. A catalogue of a more specialised interest is the *Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science*, available at 25s. a copy, 26s. post free.

The Library occupies a connected series of rooms on the north side of the School's main buildings in Houghton Street, Clare Market and Portugal Street. They include the only remaining part of the original School building of 1902, and later additions built partly with the aid of benefactions from the Rockefeller Foundation of New York. They are entered through a hall containing the catalogues and the counter for enquiries and the issue of books. There are seats for 840 readers. Reading rooms

The Library

devoted to particular subjects or classes of material contain open-shelf collections amounting to some 60,000 volumes. The Periodicals Room provides all readers with immediate access to the current numbers of over 600 periodicals. Two further reading rooms are reserved for research workers, and one for the teaching staff of the School.

The greater part of the Library's collections is housed in the reserve stacks, which occupy nearly the whole of the basements of the main School building. Readers are not normally admitted to these, but any book is issued on request for use in the reading rooms.

The School also possesses other libraries. The Teaching Library occupies a series of connected rooms in the East Building. Its stock of 20,000 volumes contains additional lending copies of the more important books used by undergraduates and graduates taking courses, and there is also a short-loan collection of periodicals and photocopies of articles, etc. In addition to lending books, this library is a place of study, and there is accommodation for 133 readers. A leaflet giving details of the Teaching Library services may be obtained at the counter.

The Shaw Library (founded by Mrs. George Bernard Shaw) is a lending collection of general literature; it is housed in the Founders' Room on the fifth floor of the Main Building.

A leaflet *Notes for Readers* may be obtained free of charge, on request, from any member of the Library staff.

Rules of the British Library of Political and Economic Science

1. The Library is open for the purpose of study and research to:
 - i. Members of the London School of Economics and Political Science, as follows:
 - (a) Governors
 - (b) Honorary Fellows
 - (c) Staff
 - (d) Regular students
 - (e) Intercollegiate students
 - (f) Occasional students
 - ii. Persons to whom permits have been issued
 - iii. Day visitors admitted at the discretion of the Librarian
2. Permits may be issued to:
 - (a) Persons engaged in research which cannot be pursued elsewhere
 - (b) Professors and lecturers of any recognised university
 - (c) Persons engaged in any branch of public administration
 - (d) Undergraduates of other universities and colleges (in vacation only)
 - (e) Such other persons as may from time to time be admitted by the Librarian

The Library

Applications for Library permits must be made on the prescribed forms; they should be addressed to the Librarian, and should be supported either by a member of the staff of the School, or by a letter of recommendation from a person of position. Evidence of membership of the Royal Economic Society, the Royal Statistical Society or the London School of Economics Society is accepted in place of a letter of recommendation.

Library permits are not transferable. They are issued upon payment of the prescribed fees, which may, however, be remitted. The fees at present prescribed are, for persons in categories (2) (a) and (c), £5 5s. 0d. for a permit valid for six months, £2 12s. 6d. for three months or £1 1s. 0d. for one month. All fees are non-returnable.

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

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

4. The reading rooms are open normally on all working days during hours prescribed from time to time. They are closed on Sundays and on certain other days as prescribed. (The hours of opening prescribed at present are from 10 a.m. to 5.50 p.m. on Saturdays, and from 10 a.m. to 9.20 p.m. on other days. On Mondays to Thursdays in term for most of the session, part of the Library remains open, with a limited service, to 10.30 p.m. The days of closing prescribed at present are: six days at Christmas, six days at Easter, the Spring and late Summer Bank Holidays, and all Saturdays in July and August.)

5. Readers must not bring attache cases, overcoats, hats, umbrellas or other impedimenta into the Library. All such articles can be deposited in the cloakrooms of the School.

6. Readers may take the books they require for purposes of study from any of the open shelves, and may take them to any of the reading rooms in the main Library.

7. Readers who have finished with books taken from the open shelves in any of the rooms should return them without delay to the returned-book stack in the room from which they have been taken, or preferably to their places on the shelves.

8. Books not on the open shelves must be applied for on the prescribed vouchers. Readers must return such books to the book counter when done with and claim the corresponding vouchers; they will be held responsible for all books issued to them as long as the vouchers are in the possession of the Library uncancelled.

9. Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to show to the Library janitor any books, papers, folders, newspapers, etc., they may be carrying.

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

Members of the School staff may borrow books subject to the prescribed conditions.

The Library

Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

10. Research students, upon completion of the prescribed vouchers, may keep books from the reserve stacks in their individual lockers in the research reading rooms. They will be responsible for books so held by them, and the books must remain accessible to the Library staff in the event of their being required by other readers.

11. Research students of the School may borrow books for use outside the Library, subject to the following conditions:

(i) During the months of June, July, August and September, research students may borrow books only by special authorisation in each case, and on such special conditions as the Librarian shall impose, including if required the payment of a deposit.

(ii) No book borrowed shall be taken out of Great Britain.

(iii) Research students may not borrow more than six books at one time.

(iv) Books in the reading rooms, unique and rare books, and other books in particular demand, will be lent only by special permission in each case.

(v) The prescribed loan voucher must be completed and handed in before any book is removed.

(vi) Books borrowed during the term are due back on the last day of term, but they will be subject to recall at any time if required for use in the Library. Books borrowed during the last week of any term will be due for return at the end of the first week of the next term, but will also be subject to recall.

12. Readers handing in vouchers are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse vouchers giving insufficient detail.

13. A reader vacating his place will be deemed to have left the Library, and his books may be removed and the place occupied by another reader, unless he leaves on the table a note of the time of his return. In that case the place will be reserved for him from the time stated, but this reservation will lapse after fifteen minutes. The place will be available to other readers during the interim.

14. Ink-bottles or ink-wells cannot be taken into any of the Library rooms. Fountain pens are permitted. Readers using rare or valuable works, however, may be required to work with pencil.

15. Smoking is forbidden within the Library.

16. No reader may enter the Library basement or any other part of the Library not open to general readers without special permission.

17. The tracing of maps or illustrations in books is forbidden. No book, manuscript, paper or other property of the Library may be marked by readers. Anyone who injures the property of the Library in any way will be required to pay the cost of repairing or replacing the injured property, and may be debarred from further use of the Library.

18. The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

19. Silence must be preserved in the reading rooms and on the central staircase and landings.

20. Permission to use the Library may be withdrawn by the Director or the Librarian from any reader for breach of the rules in force at the time, or for any other cause that may appear to the Director or to the Librarian to be sufficient.

University Library

Any member of the University, staff or student, may apply to use the University Library (entrance on the fourth floor of the Senate House, W.C.1). An internal student may obtain a ticket entitling him to read in the Library and borrow books, by completing an application form (obtainable at the University Library) and showing evidence of University registration, e.g. a College 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 about 900,000 volumes of books and periodicals, many of which may be borrowed for home reading. There are reading places for about 500, arranged in general reading rooms where there are collections of reference books and bibliographies, and in special rooms for Periodicals, Palaeography, United States and Latin American Studies, Music and Maps.

Photo-copying facilities include coin-operated machines in the Library and a photographic department in the basement which can supply microfilms, slides, enlargements and other photographic copies.

Hours of Opening

Monday to Friday during the session: 9.30 a.m. to 9 p.m.

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

Saturday and during the Summer vacation: 9.30 a.m. to 5.30 p.m.

(book-stack service 10 a.m. to 5 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 the world community of social scientists. The Bookshop's Board of Directors is composed equally of representatives of the School and of The Economist Newspaper. From small beginnings it has grown in recent years into a considerable bookselling enterprise, which numbers among its customers nearly all the universities in Great Britain as well as many private individuals and institutional bodies overseas. In addition to the main premises in Clare Market, the Bookshop has a Mail Order Department in Hampstead Road, and a Secondhand and Stationery Department in Portugal Street. Over 6,000 titles are regularly held in stock, including a wide range of paperbacks and pamphlets, and since its establishment three years ago the Secondhand Department has considerably increased and facilitated the flow of secondhand textbooks among the students and staff of the School. Many former students of the School in all parts of the world continue to use the Bookshop's unique mail order service.

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, some issued for the School by one or other of the well-known British and American publishers.

Journals

Three journals are edited and published from the School: *Economica* (founded in 1921), the *British Journal of Industrial Relations* (1963), and the *Journal of Transport Economics and Policy* (1967). *The British Journal of Sociology* (1956) is edited in the School and is published by Routledge and Kegan Paul.

The L.S.E.-Weidenfeld and Nicolson Imprint

The School has recently appointed Weidenfeld and Nicolson as its publisher, and books sponsored or initiated by the Publications Committee of the School are now produced under a joint imprint of the School and Weidenfeld and Nicolson. Any present or former member of the School's staff, or any present or former student, may submit either finished manuscripts or ideas for books to the Publications Committee; the Committee itself, together with the publisher, initiates schemes for books and series of books.

With certain exceptions, authors will sign a separate contract with the publisher in the normal way, and can expect a scale of remuneration that should compare favourably with what they might get elsewhere. The exceptions will be books that are judged commercially 'difficult'—the specialised monograph, the occasional paper, and so on; these may be published on a commission basis, and it may not always be possible to give authors full commercial rates of royalty.

The object of these arrangements is to provide a first-class and ready-made vehicle for the publishing of such works of scholarship as staff and students may wish to offer. It will perhaps be of most value to those whose existing publishing arrangements may be proving unsatisfactory, or to those who are looking for a publisher for the first time.

Anyone interested should get in touch with any member of the Publications Committee (see page 43), or with the Publications Officer.

Books and Pamphlets

In addition to the Weidenfeld and Nicolson scheme outlined above, the following series of books and pamphlets are issued for or by the School and its departments:

The New Series of Learned Works (G. Bell & Sons Ltd.)

Monographs on Social Anthropology (Athlone Press)

Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

Papers in Soviet and East European Law, Economics and Politics (Athlone Press)

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

Publications of the School

Occasional Papers on Social Administration (G. Bell & Sons Ltd.)
Geographical Papers (Geography Department, L.S.E.)
A London Bibliography of the Social Sciences (British Library of Political and Economic Science, L.S.E.)
Auguste Comte Memorial Lectures (Athlone Press)
Hobhouse Memorial Trust Lectures (Athlone Press)
Inaugural Lectures (G. Bell & Sons Ltd. and Weidenfeld and Nicolson)
The Report Series of the Unit for Economic and Statistical Studies on Higher Education (Oliver and Boyd)
Reprint Series of the Statistics Research Division, L.S.E.
Reprint Series of the Survey Research Centre, L.S.E.
Reprint Series of the Transport Network Theory Unit, L.S.E.

A catalogue of most of these publications, with full details of individual titles and how to obtain them, can be had on application to the Publications Officer at the School.

Student Health Service

Staff

Dr. J. C. Read, M.R.C.S.(ENG.), L.R.C.P.(LOND.), L.D.S., R.C.S.(ENG.): Psychiatric Adviser and Senior Health Service Officer.
Dr. H. N. Levitt, O.B.E., L.M.S.S.A.(LOND.), D.P.H., R.C.S.(ENG.), M.R.C.G.P.: Health Service Officer (Part-time).
Dr. Agnes Wilkinson, M.B., CH.B.(BIRM.), M.R.C.P.(LOND.): Psychiatric Adviser (Part-time).
Dr. Valerie Little, B.SC. (PHYSIOL.) (LOND.), M.B., B.S. (LOND.), M.R.C.S. (ENG.), L.R.C.P. (LOND.): Special Adviser to women students (Part-time).
P. Ayling, B.D.S. (EDIN.): Dental Surgeon (Part-time).
Charlotte Alexander, S.R.N.: School Nurse.

The facilities of the Health Service are available free of charge to all students of the School. Dr. Levitt holds a surgery at the School every day during term time. Students are advised to register with a general practitioner in the area in which they are living in term time so as to receive the full benefits of the National Health Service; but they may, in special circumstances and at his discretion, register under the National Health Service with Dr. Levitt. Sister Alexander attends at the School daily during term time and part of the vacation for first-aid and the treatment of minor complaints. During vacation Dr. Levitt is available by appointment.

Dr. Read is available both in term time and in vacation to give psychiatric advice to regular students of the School. He is assisted by Dr. Agnes Wilkinson, who works part time at the School. Appointments with Dr. Read and Dr. Wilkinson may be made through the Secretary of the Health Service or directly by letter to the doctor concerned.

Dr. Little is in attendance once a week in term time. Appointments may be made through the Secretary of the Health Service.

An ophthalmic surgeon attends at the School once a week during term time for eye tests and appointments may be made through the Secretary of the Health Service.

Mr. Ayling, the Dental Surgeon, is in attendance five times a week. His services are available under the National Health Service and according to its rates. Appointments may be made through the Secretary of the Health Service.

Careers

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

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

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

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

Candidates for the open competitions held annually for posts in the Administrative Class of the Home Civil Service, the Diplomatic Service, the Northern Ireland Civil Service and H.M. Inspectorate of Taxes, must have, or obtain in the same

Careers

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

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

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

The B.Sc. (Sociology) degree, the B.A. degree in Sociology, and the Diploma in Social Administration awarded by the School, are recognised initial qualifications for employment in some areas of social administration. They also provide the necessary basic qualification for *training* in social work for such fields as those of medical and psychiatric social work, child care, probation and family casework. Since maturity is an asset in all branches of social work, a degree course is recommended for those starting under the age of twenty-one. In most cases further specialised or professional training, lasting at least one year, is necessary for these careers and students should, therefore, be prepared to undertake this. Details of Diplomas offered by the School are given on pages 234–45.

Students' and Athletic Unions

Students' Union

The objects of the Students' Union are to promote the welfare and corporate life of the students, and through the Union Council to represent the students in all matters relevant thereto except those relating to Athletics.

The Union's main functions are to administer, supervise and improve Union premises, which include offices, a bar and a shop; to represent student interests and co-operate with the School authorities in securing necessary improvements in student welfare (it also co-operates with the National Union of Students and international student organisations); to provide a forum for the discussion of student affairs and interests and to approve and regulate the numerous student societies in the College.

Every regular and occasional student becomes a full member of the Students' Union on the payment of School fees, while students of other colleges attending the School for a course of lectures become associate members and are allowed to use the Union premises. Full members are also members of the Three Tuns Club and entitled to use the Club's bar and other amenities.

The Union offices are situated in St. Clement's building. Information concerning the Union, its services and activities, can be obtained from the Union offices, and from *Information for Undergraduate Students* issued to first-year students.

Union meetings are held in the Old Theatre on Friday evenings during term. All students are urged to attend Union meetings, where they can help decide Union policy as well as take part in debates and discussions. Full details of meetings are published on the Union noticeboards.

The Union provides many useful services in the fields of social activities, student welfare and relations with outside student bodies. Among these services are: debates, socials, dances; advice and information on housing, grants and fees; a number of common rooms and other amenities; and cheap travel and vacation work obtained in co-operation with the National Union of Students.

Members of the Union who are regular students of the School are also members of the University of London Union and are entitled to use all its premises and its services, and to participate in its activities. Full-time students are also entitled to receive all the services of the National Union of Students, to which the Students' Union is affiliated.

The local branch of A.I.E.S.E.C. (Association Internationale des Etudiants en Sciences Economiques et Commerciales) is under the auspices of the external department of the Union and receives a grant from the department. A.I.E.S.E.C. organises vacation traineeships for students in many countries and seminars on topics of current economic interest.

The Union magazine *Clare* was founded over fifty years ago, and is published twice a year. This is a magazine of special interest to students of the social sciences, with articles from staff, students and outside contributors. The Students' Union also publishes a fortnightly newspaper, *Beaver*.

Students' and Athletic Union

EXECUTIVE OFFICERS:

President, C. J. Crouch
Deputy President, J. M. Sydney
Administrative Vice-President, J. W. Jones
Academic Affairs Vice-President, J. M. Bishop
External Affairs Vice-President, J. F. Keohane
Social Vice-President, R. I. Tooze
Welfare Vice-President, C. Osuji
General Secretary, E. J. Stacey
Senior Treasurer, R. N. Gaskell

Athletic Union

All students are eligible to join the Athletic Union by becoming a member of any of its constituent clubs. The subscription charged for membership of the first club joined is ten shillings, and for any other club, five shillings.

The following clubs are affiliated to the Athletic Union:

CLUB	SECRETARIES
Association Football	H. W. Lander
Athletics and Cross-Country	R. N. Blackburn
Badminton	N. G. Khot
Boat (Men's)	D. C. Atkinson
Canoe	B. R. Watson
Cricket	P. H. Peatfield
Golf	—
Gliding	J. A. Southall
Hockey (Men's)	A. Kemp-Welch
Hockey (Women's)	Phyllis Johnson
Judo	C. L. Gilding
Mountaineering	M. S. Whimster
Orienteering	D. J. Parkin
Riding	R. P. Mountford
Rugby Football	J. M. Richardson
Sailing	Susan I. Howe
Squash (Men's and Women's)	M. E. Gilbert
Table Tennis	G. Whitehead
Tennis (Men's)	—
Tennis (Women's)	Hazel Wilson
Weight-Lifting	P. Dzik
Y.H.A.	Jennifer M. P. Styring

There are two extensive sports grounds totalling some thirty-five acres at New Malden, to which there are frequent trains from Waterloo. There are pitches for Association and Rugby football, hockey and cricket, lawn tennis courts, a bowling green and running tracks. The pavilions are well appointed and include refectories and bars, a games room and very well-equipped dressing room accommodation.

The Boat Club rows from the University Boat House, Chiswick; the Squash Club uses the School court; the Table Tennis, Weight-lifting and Judo Clubs use the

Students' and Athletic Unions

School gymnasium; the Cross-Country Club runs on Hampstead Heath; the Sailing Club operates at the Welsh Harp, Hendon; the Golf Club plays at Malden Golf Club; the Gliding Club uses Lasham Aerodrome, Hants; the Riding Club goes to Wimbledon Common and the Canoe Club has a block booking with the Royal Canoe Club at Teddington.

The Mountaineering and Y.H.A. Clubs have frequent meets in England and a few on the Continent.

EXECUTIVE OFFICERS

President, P. H. Peatfield

Vice-Presidents, J. S. Clarkson, A. R. Tremayne

General Secretary, Joyce Glasper

Assistant General Secretary, Susan M. Gee

Treasurer, Linda M. Mitchinson

Graduate Students' Association

All students registered for a higher degree or paying a research fee, automatically become members of the Graduate Students' Association.

The Association is the social centre of the Graduate School, helping the graduate students to meet one another and take part together in various social activities, for most of them have spent their undergraduate days elsewhere, and might otherwise, by the nature of their work, find difficulty in making contacts. It is also active in representing the interests of graduate students in discussions with School authorities on such matters as research facilities and graduate requirements in the Library. There are graduate students' Common Rooms on the second floor of the Main Building (Rooms 221 and 222) which are open during regular School hours. There are sometimes guest speakers in Room 221 in term time at 4 p.m. on Wednesdays.

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

All enquiries about the Association's activities should be sent to the Committee, in Room 236.

Residential Accommodation

The School does not keep an index of lodgings suitable for students, but those who require help in finding accommodation may consult the University of London Lodgings Bureau, University of London Union, Malet Street, W.C.1.

The Bureau maintains a register of addresses of various types in most districts of London, and each student's requirements are carefully considered. During term time a personal interview, for which an appointment must be made, is desirable; but from the end of the Summer term to October students should apply by post.

In choosing lodgings students should bear in mind that it is possible to take lodgings which provide either bed and breakfast or bed and breakfast with a regular evening meal in addition. Anyone whose tastes are likely to lead him to enter very fully into the life of the Union and its societies, or to spend his evenings in the Library, will be well advised to seek lodgings of the former type; those who prefer to study quietly in their own rooms may be better suited by the latter type.

The fees for halls of residence, stated on the following pages, are those which are in force at present, but they are liable to amendment.

Hall of Residence for Men and Women

Passfield Hall

Endsleigh Place, W.C.1.

(Warden: J. A. W. Forge, M.A.)

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

There is accommodation for about 163 students in single, double, and treble study-bedrooms. The fees are, at present, £195 15s. 0d., £184 10s. 0d. and £173 per session respectively, payable by terminal instalments in advance.

Fees cover breakfast and dinner, and all meals on Saturdays and Sundays. Washbasins and fires with slot meters are provided in all rooms.

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

Halls of Residence for Men

Carr-Saunders Hall

Fitzroy Street, W.1.

(Warden: K. Klappholz, B.Sc. Econ.)

Carr-Saunders Hall, a new hall of residence for men students, built with funds provided by an anonymous benefactor, is a few minutes' walk from the junction of Tottenham Court Road and Euston Road and twenty-five minutes' walk from the School.

Residential Accommodation

There is accommodation for about 146 students in single and double study-bedrooms. The fees are at present £219 and £204 per session respectively, payable by terminal instalments in advance.

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

Application forms may be obtained from the Registry or the Graduate School Office at the School, or from the Hall.

Application should be made to the Warden by 15 May, for admission in the following October.

Commonwealth Hall

Cartwright Gardens, W.C.1.

An intercollegiate hall of residence for 397 men from the United Kingdom and overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table-tennis room, billiards room, library, common rooms, television rooms, drip-dry laundry rooms. Central heating. Selection is made after consideration of the individual student's needs and his ability to benefit from and contribute to life in a residential community.

Fees (£219 per session of about 30 weeks) include breakfast and dinner during the week, and full board at weekends.

Application forms may be obtained from the Secretary of the Hall and must be returned by 31 May.

Connaught Hall of Residence

36-45 Tavistock Square, W.C.1.

An intercollegiate hall of residence for men; 194 places, mainly in single rooms. The rent of the study-bedrooms, including breakfast and dinner, and also lunch at weekends, is £219 per session of 30 weeks. Application forms may be obtained from the Warden, Professor D. M. Lang, and should be returned to him before 31 May.

International Hall

Brunswick Square, W.C.1.

International Hall accommodates 426 men students. Half the rooms are reserved for British students and half for students from overseas. There are 10 double rooms and 406 single rooms.

Fees: £7 6s. 0d. (single room) and £6 16s. 0d. (for share of double room) per week. This includes breakfast and dinner from Mondays to Fridays inclusive, and breakfast, lunch and supper on Saturdays and Sundays.

Application forms may be obtained from the Hall Secretary and should be returned by 31 May.

Residential Accommodation

International Students House

1-6, Park Crescent, W.1.

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation to men students and Club facilities to men and women students from the United Kingdom and overseas. A very full programme is organised and the student adviser helps with problems on welfare, accommodation and personal matters. Visitors are most welcome.

Fees (for long term residents): £5 6s. 9d. (single room), £4 19s. 9d. (double room) and £4 12s. 9d. (treble room) per week. This includes bed and breakfast only. In addition, a membership fee of 2 guineas a year and a returnable key deposit of £1 are payable.

Early application is advised. Forms may be obtained from the Controller.

Intercollegiate Halls of Residence for Women

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

Canterbury Hall

Cartwright Gardens, W.C.1.

(Warden: Miss V. McCririck, M.A., L.R.A.M.)

Opened in November 1946, for 218 women students; accommodation is in 212 single and three double study-bedrooms, all with central heating; there are common-rooms, a concert hall, chapel, library, games room and squash court. Fees for the thirty-week session: £210-£220 10s. 0d. (for breakfast and dinner, Monday to Friday and full board at weekends).

College Hall

Malet Street, W.C.1.

(Warden: Mrs. J. M. Witt, B.Sc.).

Opened in 1882 and transferred in 1932 to a new building in the University precinct; 220 residents are accommodated in 108 single and 56 double study-bedrooms, all with central heating and hand-basins; there are common-rooms, libraries, games room, studio and laundries. Fees for the thirty-week session: £210-£220 10s. 0d. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W.1.

(Warden: Mrs. E. Osman, B.A.).

Opened in 1949 for 124 women students and since extended to take 192; accommodation is in 148 single rooms and 22 double rooms, most of them with some central heating; there are common-rooms and laundries, a library and games room. Fees for the thirty-week session: £210 (single) and £201 (for share of double). Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

Residential Accommodation for Graduates

London House

Mecklenburgh Square, W.C.1.

London House has accommodation for 350 postgraduate men students from the overseas countries of the Commonwealth, the United Kingdom, former member countries of the British Commonwealth and the United States of America. It was established by the Dominion Students' Hall Trust.

Fees for residence (excluding meals) vary between £3 10s. 0d. and £5 5s. 0d. per week. All meals are available in the Dining Hall (cafeteria system).

The House is close to three London Transport stations, viz., King's Cross (Metropolitan and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central Line). It is within easy walking distance of the London School of Economics.

Application should be made direct to the Controller, London House, giving as much notice as possible.

William Goodenough House

(The Dominion Students' Hall Trust),

Mecklenburgh Square, W.C.1.

William Goodenough House accommodates 113 postgraduate women students from the British Commonwealth and the United States of America. In addition there are more than 59 self-contained flats for married students.

Fees, including breakfast, are from £4 7s. 9d. to £6 2s. 9d. per week. All other meals are available on a cafeteria system. The rooms are single study-bedrooms with central heating and with electric fires on a meter system. There are ample common-rooms.

Application should be made, well in advance, to the Controller, William Goodenough House, Mecklenburgh Square, London, W.C.1.

Lillian Penson Hall

Talbot Square, W.2.

Lillian Penson Hall, formerly a large hotel, which was purchased by the University in November 1964, is a hall of residence for postgraduate men and women students. A generous grant of £426,700 towards the cost of purchase was provided by the Treasury through the British Council. The Hall includes single and double study-bedrooms, each with private bathroom, telephone extension and central heating; there are also a few flats available for married couples without children. Meals may be bought in the dining room.

Residential Accommodation

Fees cover the rent of rooms only and vary according to the accommodation provided. The rent for a single room is £25 0s. 0d. per month and for a double £30 5s. 0d. There are some rooms with kitchens or cooking facilities at £35 10s. 0d. or £50 0s. 0d. and a few flats with double bedrooms, sitting room and kitchen at £60 0s. 0d.

Warden: P. F. Vowles, M.A. Telephone: 01-262 2081.

Flats for Married Graduate Students

The School has 18 flatlets at 83 and 83a Anson Road and 73 Carleton Road, Tufnell Park, N.7, which are available for letting to married students of graduate status. The flats are self-contained and consist of either one room or two rooms, plus a kitchen and a bathroom. Rents at present vary between approximately £5 0s. 0d. and £7 15s. 0d. per week, including a hire charge for furniture. Applications for flatlets, for which there is generally a waiting list, should be made to the Assistant Bursar at the School.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1967-68

President, Lord Robbins

Deputy President, W. M. Stern

Life Vice-President, Dr. Vera Anstey

Representative of the London School of Economics Society on the Court of Governors, W. H. B. Carey

Secretary, Dr. Guzine A. K. Rasheed

Entertainments Secretary, Miss H. Marjorie Simpson

Treasurer, J. B. Selier

Editors of L.S.E., P. D. C. Davis, D. J. Kingsley

Auditor, J. W. Smith

Committee Members, The Officers, Editors of *L.S.E.* and Col. F. W. G. Benemy, Miss Ilse T. Boas, Miss Pamela Brain, T. E. Dale, R. N. Hart, Miss Evelyn M. Myatt-Price, Mrs. Diana Oldershaw, J. Whyman, B. Wood

Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session. Members of the School's staff who were not students at the School are eligible for membership. Persons not so qualified can be admitted to membership at the discretion of the Committee.

Members of the Society are granted various privileges in regard to the use of the School facilities. Subject to certain restrictions, they are entitled to free permits to use the School Library during vacations and in some cases during term. The magazine *L.S.E.*, published twice yearly, is sent to members free of charge, and there are occasional social events including discussion meetings on subjects of general interest to members and an annual dinner.

The life subscription is £5, the annual subscription £1. Application forms and information relating to the Society can be obtained from the Honorary Secretary at the School.

Friends of the London School of Economics

Trustees:

Chairman, G. Tugendhat

Vice-Chairman, Sir Paul Chambers

Treasurer, W. H. B. Carey

Sir Sydney Caine, Eve V. Evans, L. Farrer-Brown, the Director, the Chairman of the Senior Common Room.

Secretary, W. S. Collings

In July 1957 an Association of Friends of the London School of Economics was formed. Membership is open to all former students of the School, present and past members of the staff, present and past Governors and any other persons or organisations interested in the welfare of the School. The principal object of the Association is to raise funds to provide for the School amenities which are important to its daily life, but which it cannot afford, either because of shortage of money or because it would not be appropriate to expend public funds on their acquisition. Since its foundation the Association has made many gifts to the School, some valuable in themselves, such as the three Persian carpets provided for the Founder's Room and the furnishing provided at a cost of £1,500 for the Common Room at Carr-Saunders Hall and others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Donations and gifts in kind of such items as pictures, plate, glass and silver are welcomed.

The Deputy Secretary and Bursar of the School will gladly send particulars of the Association on application. The annual subscription is two guineas or one guinea if paid under a seven-year deed of covenant. New members are urgently needed.

Part III : Lecture Courses, Classes and Seminars

Part III of the Calendar groups courses according to subject, but regular students should understand that, beyond those which are restricted to certain students, they are at liberty to attend any course of lectures.

In this list of courses the following notation has been used :

1 B.Sc. (Econ.) degree. The title of the examination paper to which each course relates is given in *italics*, the number of a special subject in roman numerals, and the number of the paper in arabic numerals and letters of the alphabet; the relevant regulations are set out on pages 191-211 of the Calendar.

2 B.A./B.Sc. Sociology degree. The branch is indicated by I, II or III and the examination paper by arabic numerals and letters of the alphabet. The relevant regulations are set out on pages 226-9 of the Calendar.

3 M.Sc. The branch is indicated by roman numerals and the subject by arabic or small roman numerals. The title of each subject is also given in *italics* and the relevant regulations are set out on pages 257-65 of the Calendar.

General Introductory Courses

1 The Social Sciences: an Historical Introduction

Professor MacRae. Fifteen lectures, Michaelmas and Lent Terms.

Recommended for all first-year students.

2 Introduction to Quantitative Methods in the Social Sciences

Mr Steuer. Five lectures, Michaelmas Term.

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

Development Administration

Development Administration

5 Introduction to Economic Analysis and Policy

Miss Nevitt. Sessional.

For Dip. Development Admin.

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

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

No. 20. Introduction to Economics

No. 83. The Economics of Poor Countries and their Development

No. 85 (ii). Economic Problems of Public Investment and Planning in Underdeveloped Countries

6 Governmental Aspects of Development (Class)

Mr P. F. Dawson. Sessional.

For Dip. Development Admin.

Syllabus Structure of the modern state: constitutional frameworks; legislatures, executives and judiciaries; federalism; laws and conventions. Democratic institutions: representative institutions; electorates, parties and parliaments; political oppositions; self-government in economic, religious and voluntary organizations; public opinion. Problems in transplanting institutions. Government: character of the executive; the civil service; public corporations; local government; political-administrative relations. Political systems: political power and its relation to authority; nationalism, communism and the modern state; historical and economic conditions of democracy; political aspects of economic and social change. Government

in relation to economic and social development: the functions of government; the scope and problems of governmental planning; planning, politics and administration.

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

No. 570. British Government and Bureaucracy

No. 574. The Growth and Character of Local Government

No. 607. The Aims and Methods of Governmental Planning

No. 615. Comparative Politics and Administration in New States (with special reference to Africa)

7 Social Structure in Developing Countries

Mrs Hardiman. Fifteen lectures, Michaelmas and Lent Terms.

For Dip. Development Admin.

Syllabus Scope and methods of sociology and social anthropology; the description and analysis of social institutions; industrialization and urbanization as processes of social change; population growth and distribution; social control. **Recommended reading** R. Firth, *Human Types*; T. B. Bottomore, *Sociology*; L. P. Mair, *New Nations*; E. H. Spicer, *Human Problems in Technological Change*; E. Durkheim, *The Division of Labour in Society*; W. E. Moore, *Social Change*; W. E. Moore, *Economy and Society*; R. Bendix and S. M. Lipset, *Social Mobility in Industrial Society*; T. S. Epstein, *Economic Development and Social Change in South India*; A. H. Halsey, J. Floud and C. A. Anderson (Eds.), *Education, Economy and Society*; A. E. and E. Etzioni (Eds.), *Social Change*; B. F. Hoselitz and W. E. Moore, *Industrialisation and Society*; D. Warriner, *Economics of Peasant Farming*; C. Kerr et al., *Industrialism and Industrial Man*; W. N. Stephens, *The Family in Cross-Cultural Perspective*; A. J. Coale and

Development Administration

E. M. Hoover, *Population Growth and Economic Development in Low-Income Countries*; G. Breese, *Urbanisation in the Newly Developing Countries*; A. K. Cohen, *Deviance and Control*; E. R. Wolf, *Peasants*.

8 Social Policy in Developing Countries

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

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

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

Recommended reading U.N., *Report on the World Social Situation* (1957, 1961, 1963 and 1965); U.N., *Patterns of Social Welfare Organization and Administration in Africa* (1964); U.N., *Reappraisal of the United Nations Social Service Programme* (1965); J. M. Lee, *Colonial Development and Good Government*; J. A. Ponsioen (Ed.), *Social Welfare Policy*; R. M. Titmuss and B. Abel-Smith, *Social Policies and Population Growth in Mauritius*; R. N. Saksena, *Sociology and Social Policy in India*; C. Abrams, *Housing in the Modern World*; P. Marris, *Family and Social Change in an African City*; M. Colbourne, *Planning for Health*; R. M. Titmuss and others, *The Health Services of Tanganyika*; V. L. Griffiths, *Educational Planning*; A. Curle,

Educational Strategy for Developing Societies; E. Younghusband, *Social Work and Social Change*; M. King (Ed.), *Medical Care in Developing Countries*; B. C. Roberts, *Labour in the Tropical Territories of the Commonwealth*; G. Hunter, *The New Societies of Tropical Africa*.

9 Bureaucracy and Development

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

For Dip. Development Admin.; M.Sc.: *Theory and Practice of Public Administration*, XIV 5; *The Politics and Government of Africa*, XIV 6.

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

Recommended reading will be provided at the beginning of the course.

10 Administrative Problems of Development (Seminar)

Tutors to the course. Sessional.
For students of the course in Development Administration. Other graduate students may be admitted by permission.

Syllabus The principal concern will be with administrative problems in countries experiencing rapid economic and social change. General questions to be discussed will include:

- (i) the relation between economic and social change;
- (ii) the transplantation of institutions from one society to another;
- (iii) political movements in societies undergoing rapid change.

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

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305 I Undergraduate Courses

- 305 Introductory Economics
- 306 Economics for Specialists
- 308 History of Economic Thought and Development of Economic Analysis
- 309 Mathematical Economics and Econometrics
- 310 Industry and Trade
- 312 Labour Economics
- 312 Business Finance
- 313 Public Finance
- 313 Monetary Economics
- 315 International Economics
- 315 Transport Economics

315 II Graduate Courses

315 A. M.Sc. in Economics

- 315 Economic Theory and Methods of Economic Investigation
- 318 Advanced Economic Theory
- 318 History of Economic Thought
- 319 International Economics
- 320 Theory of Optimal Decisions
- 320 Labour Economics
- 321 Monetary History, Analysis of Monetary Institutions, Monetary Theory
- 321 Economics of Public Enterprise
- 321 Economics of Transport
- 322 Public Finance
- 322 Economics of Industry
- 323 Economics of Poor Countries and their Development
- 324 Agricultural Economics
- 325 Economic Aspects of Accounting
- 325 Economic Problems of the Communist World

326 B. M.Sc. in Econometrics

326 C. M.Sc. in Regional and Urban Planning Studies

326 III Graduate Seminars

327 IV Additional Courses for Undergraduates and Graduates

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I Undergraduate Courses

INTRODUCTORY ECONOMICS

20 Introduction to Economics

Professor Wiles. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Soc.) Branch III, 3 (first year); Dip. Soc. Admin. (first year and one-year); Overseas Option (one-year); Dip. Personnel Management; Special Course for Overseas Administrators; Dip. Development Admin.

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

Recommended reading will be given as the lectures proceed.

20(a) Classes

Twelve fortnightly classes, Sessional.

21 Elements of Economic Analysis

Professor Day. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I, compulsory subject 1 (a) *Economics*; B.A. (Phil. and Econ.); B.A./B.Sc. (Soc.), Branch I, 6 and Branch II, 4 (first year); B.Sc. (Geog.), C 3; B.Sc. (Soc. Anth.) Part II, 3 b.

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

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

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

21(a) Classes

Thirteen fortnightly classes, Sessional.

22 Some Applications of Elementary Economic Analysis

Mr Townsend. Ten lectures, Lent Term.

For B.Sc. (Soc. Anth.) Part II, 3b; B.Sc. (Geog.) C 3. Optional for B.Sc. (Econ.) Part I; B.A. (Phil. and Econ.); B.A./B.Sc. (Soc.), Branch I, 6 and Branch II, 4 (first year).

23 Introduction to Mathematical Economics

Professor Hahn. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I, compulsory subject 1(b) *Introduction to Mathematical Economics*; B.Sc. Maths. Part I.

Syllabus An elementary treatment of basic principles of economics: the theory of markets and the actions of agents in these; simple monetary theory and macro-economic models. All formal propositions will be treated mathematically.

Recommended reading R. G. Lipsey, *Introduction to Positive Economics*; R. G. D. Allen, *Mathematics for Economists* (selected chaps.).

23(a) Classes

Classes will be arranged.

24 Topics in Applied Economics

Professor Yamey. Eight lectures, Lent Term.

Restricted to Intermediate LL.B. students.

Syllabus The lectures will cover a selection of topics, including the following: 1 the joint stock company; 2 the labour market; 3 monopoly and restrictive business agreements.

25 The Structure of Industry

Dr Needham. Ten Lectures, Michaelmas Term.

For Dip. Personnel Management.

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Syllabus A survey of the main characteristics of industrial structure and of the influences bearing on them.

Recommended reading A reading list will be given during the course.

26 The Economics of the Labour Market

Mr Metcalf. Ten lectures, Lent Term.

For Dip. Personnel Management; optional for Dip. Soc. Admin. (second year and one-year).

Syllabus The forces that bear upon the fixing of rates of pay for particular jobs: custom, status, job evaluation, supply and demand, bargaining power. The movement of the general level of rates of pay in money; effects of full employment. The determination of real wages: the distribution of the product.

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

27 Economics

Dr Needham and Mrs Sharp (day), Mr Griffiths, Mr Townsend and Mr Klappholz (evening). Twenty-eight lectures, Sessional.

For B.Sc. (Econ.) Part II: *Economics*, VI 1; VII 1; VIII 1; IX 1; XII 1; XIII 1; XIV 1; XV 1; XVI 1 (second year); B.A./B.Sc. (Soc.), Branch I, 6 and Branch II, 4 (second year); B.Sc. (Geog.) C 4.

Syllabus The workings of contemporary economies (with special reference to the United Kingdom): their institutions, processes and problems, and the application of elementary economic analysis to the study of these.

(i) Dr Needham. Twelve lectures, Michaelmas and Lent Terms. National income; stabilization and its problems; the balance of payments. Economic growth.

(ii) Mrs Sharp. Sixteen lectures, Lent and Summer Terms. Resource allocation: industrial structure. The price mechanism, planning, public and social policy. Lectures will also be arranged for evening students.

27(a) Classes

Fifteen fortnightly classes for day students.

Evening classes will also be arranged.

An outline of the lecture course, class topics and a reading list will be distributed at the beginning of the course.

ECONOMICS FOR SPECIALISTS

28 Economic Principles and Problems of Applied Economics

Mr L. Harris will be in charge of arrangements for these courses.

(i) Quantitative Methods in Economics

Mr Steuer. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 4; III 4; IV 1; V 3; X 1 and 2a; XI 1; B.A. (Phil. and Econ.) (second year); M.Sc.: *The Economics of Regional and Urban Planning*, XIII 1.

Recommended reading W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); W. T. Dowsett, *Elementary Mathematics in Economics* or G. Tintner, *Mathematics and Statistics for Economists*.

(ii) Micro-Economic Theory

Mr Gould. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 4; III 4; IV 1; V 3; X 1 and 2a; XI 1; B.A. (Phil. and Econ.) (second year); M.Sc.: *The Economics of Regional and Urban Planning*, XIII 1.

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

(ii) (a) Classes

Ten classes, Michaelmas and Lent Terms.

(iii) Macro-Economic Theory

Dr Needham. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 4; III 4; IV 1; V 3; X 1 and 2a; XI 1; B.A. (Phil. and Econ.) (second year); M.Sc.: *The Economics of Regional and Urban Planning*, XIII 1.

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

(iii) (a) Classes

Ten classes, Michaelmas and Lent Terms.

(iv) Problems in the Application of Micro-Economics

Mr L. Harris and Mr Metcalf.

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

For B.Sc. (Econ.) Part II: *Problems of Applied Economics*, I 5; II 5; III 5; IV 6, 7 and 8b; V 4a; XI 5, 6 and 7g(i); B.A. (Phil. and Econ.) (second year).

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

(v) Applied Macro-Economics

Mr M. Miller and Mr Jackman.

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

For B.Sc. (Econ.) Part II: *Problems of Applied Economics*, I 5; II 5; III 5; IV 6, 7 and 8b; V 4a; XI 5, 6 and 7g(i); B.A. (Phil. and Econ.) (second year).

Recommended reading J. C. R. Dow, *The Management of the British Economy, 1945-60*.

(iv) (a) and (v) (a) Classes

Twenty-five classes, beginning in the sixth week of the Lent Term for second-year students and continuing in the Michaelmas Term for third-year students.

(vi) International Economics

Dr Hindley. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 4; III 4; IV 1; V 3; X 1 and 2a; XI 1; B.A. (Phil. and Econ.) (second year).

(vii) Economic Principles (Evening Course)

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

For B.Sc. (Econ.) Part II: *Economic Principles*, I 4; II 4; III 4; IV 1; V 4; X 1 and 2a; XI 1 (third year).

Recommended reading See sections (i)-(iii) above.

29 Introduction to a Mathematical Treatment of Economics

Mr Henry. Ten lectures, Michaelmas Term.

Optional for B.Sc. (Econ.) Part II: *Economic Principles*, I 4; III 4; IV 1; V 3 (second year); B.A. (Phil. and Econ.) (second year).

Syllabus The course, which assumes no more than "O level" mathematics, is intended to help the general student of economics to understand the mathematical formulations used in economic theory and also to provide a bridge between "O level" mathematics and the standard required in Economics treated Mathematically at Part II. Functions and curves; demand, supply and elasticity; introduction to calculus; applications to the theory of the firm, the consumer and the market; simple difference equations.

Recommended reading G. J. Stigler, *The Theory of Price*; R. G. D. Allen, *Mathematical Analysis for Economists*;

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J. Parry Lewis, *An Introduction to Mathematics for Students of Economics*;
R. G. Lipsey, *An Introduction to Positive Economics*.

HISTORY OF ECONOMIC THOUGHT AND DEVELOPMENT OF ECONOMIC ANALYSIS

30 The History of Economic Thought

Lord Robbins. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *History of Economic Thought*, I 8c; III 8a; IV 6, 7 and 8c; VIII 3d (third year). Optional for B.A. (Phil. and Econ.) (third year). Useful for M.Sc.: *History of Economic Thought*, III 4iii (preliminary year).

Syllabus The history of economic thought from Aristotle to the present day. Special attention will be paid to the period since 1776, including the monetary controversies of this period.

Recommended reading The set books by Ricardo and Marshall. Also: A. Monroe, *Early Economic Thought*; J. R. McCulloch (Ed.), *Early English Tracts on Commerce and Tracts on Money*; O. H. Taylor, *A History of Economic Thought*; J. A. Schumpeter, *History of Economic Analysis*; H. W. Spiegel (Ed.), *The Development of Economic Thought*; M. Blaug, *Economic Theory in Retrospect*; G. S. L. Tucker, *Progress and Profits in British Economic Thought, 1650–1850*; E. Cannan, *A Review of Economic Theory*; E. A. Johnson, *Predecessors of Adam Smith*; W. Letwin, *The Origins of Scientific Economics*; D. W. Vickers, *Studies in the Theory of Money, 1690–1776*; R. W. Meek, *The Economics of Physiocracy*; J. Higgs, *The Physiocrats*; J. M. Clark and others, *Adam Smith, 1776–1926*; J. H. Hollander, *David Ricardo*; M. Blaug, *Ricardian Economics*; M. Bowley, *Nassau Senior and Classical Economics*; A. Gray, *The Socialist Movement*; G. J. Stigler, *Production and Distribution Theories*; J. Viner, *Studies in the Theory of*

International Trade; F. W. Fetter, *Development of British Monetary Orthodoxy, 1797–1875*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; Robert Torrens and the *Evolution of Classical Economics*; T. W. Hutchison, *A Review of Economic Doctrines, 1870–1929*; Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*, 1. Band. Further reading will be suggested during the course.

30(a) Classes

Twenty classes, Michaelmas and Lent Terms.

31 The Development of Economic Analysis

For B.Sc. (Econ.) Part II: *Development of Economic Analysis*, I 7; II 3e; IV 6, 7 and 8a. Useful for M.Sc.: *History of Economic Thought*, III 4iii (preliminary year).

(i) Introduction to the Development of Economic Analysis
Mr Perlman. Six lectures, Summer Term (second year).

(ii) Micro-Economics
Professor Myint. Ten lectures, Michaelmas Term (third year).

(iii) Macro-Economics
Mr Henry. Ten lectures, Lent Term (third year).

Syllabus The course is designed to provide a survey of modern economic analysis from an historical and comparative point of view.

Recommended reading G. Ackley, *Macro-Economic Theory*; W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); M. Blaug, *Economic Theory in Retrospect*; K. J. Cohen and R. M. Cyert, *Theory of the Firm: Resource Allocation in a Market Economy*; J. R. Hicks, *Value and Capital* (2nd edn.); J. M. Keynes, *General Theory of Employment, Interest and Money*; A. Marshall, *Principles of Economics*;

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F. H. Hahn and R. C. O. Matthews, "The Theory of Economic Growth—A Survey" (*Surveys of Economic Theory*, Vol. 2, A.E.A.); M. G. Mueller (Ed.), *Readings in Macro-Economics*.

31(a) Classes

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

MATHEMATICAL ECONOMICS AND ECONOMETRICS

32 Economics Treated Mathematically

For B.Sc. (Econ.) Part II: *Economics treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1 and 2b (second and third years); XI 2a (second year).

(i) Principles of Economics Treated Mathematically

Mr Kuska. Fifteen lectures, Lent and Summer Terms.

For second-year students.

Syllabus The theory of maximizing behaviour of economic agents, a general equilibrium of such agents and some problems in comparative statics; efficiency and decentralization. The basic mathematical tools will be: calculus methods, orderings, simple separation theorems and the Kuhn Tucker theorem for concave functions. All these tools will be explained, but proofs will be given only where elementary means are available.

Recommended reading Basic: T. Koopmans, *Three Essays on the State of Economic Science*, Essay I; G. Debreu, *The Theory of Value: An Axiomatic Approach*, selected passages; P. Newman, *The Theory of Exchange*, selected passages; J. M. Henderson and R. E. Quandt, *Microeconomic Theory*, selected passages. Further reading will be given at the beginning of the course.

(ii) Macro-Economic Theory
Professor Hahn. Fifteen lectures, Michaelmas and Lent Terms.

For third-year students.

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

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

(iii) Mathematical Programming
See Course No. 948.

32(a) Classes

Classes will be arranged.

33 Econometrics

For B.Sc. (Econ.) Part II: *Econometrics*, II 8; X 6 and 7e; B.Sc. (Maths.) 5-8f. (Note: It will be assumed that students attending this course either have taken Elementary Statistical Theory at Part I or are taking Elements of Statistical Theory and Methods at Part II.)

(i) Econometric Methods
Mr Tymes. Fifteen lectures, Michaelmas and Lent Terms.

For second-year students.

Syllabus Statistical estimation and testing of economic theories. Special problems of statistical inference arising from simultaneous relations, distributed time lags and auto-correlated disturbances.

Recommended reading J. Johnston, *Econometric Methods*; A. S. Goldberger, *Econometric Theory*.

(i) (a) Classes
Fifteen classes, Michaelmas and Lent Terms.

(ii) Applied Econometrics
Dr Desai. Ten lectures, Lent Term. For third-year students.

Syllabus A study of representative books and articles in which statistical methods

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have been used for investigating economic relations.

Recommended reading R. Stone and G. Croft-Murray, "Models of Consumer Behaviour and their Application" (*Social Accounting and Economic Models*, pp. 55-84); E. Malinvaud, "The Consumption Function—An Econometric Problem" (*Statistical Methods in Econometrics*, chap. IV, pp. 102-138); R. Solow, "Investment and Technical Progress" in K. J. Arrow, S. Karlin and P. Suppes (Eds.), *Mathematical Methods in the Social Sciences* (1959); G. Chow, "Multiplier, Accelerator and Liquidity Preference in the Determination of National Income in the U.S." (*Review of Economics and Statistics*, Feb. 1967); G. Fromm and L. R. Klein, "The New National Econometric Model" (*The American Economic Review*, May 1965, pp. 348-361); D. W. Jorgenson, "Capital Theory and Investment Behaviour" (*A.E.R.*, 1963); K. J. Arrow *et al.*, "Capital Labour Substitution and Economic Efficiency" (*R.E. Stat.*, 1961); R. Solow, "Technical Change and the Aggregate Production Function" (*R.E. Stat.*, 1957).

(ii) (a) Classes
Ten classes, Lent Term.

34 Mathematical Economics I: Principles

This course will not be given in the session 1968-69; it will be given in the session 1969-70.

For B.Sc. (Econ.) Part II, special subjects II Econometrics, X Statistics and XI Computing; B.Sc. Mathematics Part II.

Syllabus Theories of choice and production, under conditions of certainty. General equilibrium and welfare economics. Static and dynamic macro-models.

35 Mathematical Economics II: Special Topics

This course will not be given in the

session 1968-69; it will be given in the session 1969-70.

For B.Sc. (Econ.) Part II, special subjects II Econometrics, X Statistics and XI Computing; B.Sc. Mathematics Part II.

Syllabus Duality aggregation and related topics: cost and related functions. Aggregation theory including separable utility. Economic application. Optimal growth and control: Pontryagin's maximum principle. Economic applications. Decision theory: objective and subjective probability. Utility Bayesian and minimax principles. Economic applications.

INDUSTRY AND TRADE

36 Economics of Industry and Trade

Professor Yamey and Mr Townsend. Thirty lectures, beginning in the Lent Term for second-year students and extending over four terms.

For B.Sc. (Econ.) Part II: *Industry and Trade*, IV 5; XI 5, 6 and 7g(ii) (second and third years); V 4b (second year); V 5b (third year).

Part I The Structure of Industry

Eighteen lectures.

Syllabus 1 Vertical integration: economic implications in various market situations. 2 Size of firms: economies and diseconomies of scale; empirical investigation of optimal scale. 3 Conditions of entry: "barriers" to entry; implications of barriers. 4 Concentration: the concentration ratio; concentration and market power; concentration, size of market, and growth of market. 5 Industrial structure and economic performance: price and non-price competition; prices; profits; innovation. 6 Specialization and diversification. 7 Economics of mergers. A detailed outline and reading list will be given at the beginning of this part of the course.

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Part II A Selection of Topics relating to Particular Industries, Markets and Public Policy Measures

Twelve lectures.

A list of topics will be given at the beginning of this part of the course.

36(a) Classes

Twenty classes, beginning in the Summer Term of the second year and continuing in the Michaelmas Term of the third year.

37 Economics of Public Enterprise

Mr Foldes and Mrs Sharp.

Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Business Administration*, IV 4; V 2b; *Industry and Trade*, IV 5; V 5b; XI 5, 6 and 7g(ii) (third year).

Syllabus The special problems of Government-owned and Government-controlled enterprises, including control by Parliament and Government, methods of organization, control of competition and the determination of investment, output and prices.

Recommended reading On Pricing and Investment: G. Dessus, "The General Principles of Rate-fixing in Public Utilities" (*International Economic Papers*, No. 1); J. Nelson (Ed.), *Marginal Cost Pricing in Practice*; I. M. D. Little, *A Critique of Welfare Economics*; P. Massé, *Optimal Investment Decisions*; K. J. Arrow, "Uncertainty and the Economics of Medical Care" (*American Economic Review*, 1963). On Organization and Finance: A. A. Hanson (Ed.), *Nationalisation: a Selection of Readings*; The Select Committee on Nationalized Industries, Reports on Ministerial Control (to be published Summer 1968); White Paper, *Nationalised Industries: A Review of Economic and Financial Objectives* (Cmnd. 3437, 1967); White Paper, *Fuel Policy* (Cmnd. 3438, 1967); White Paper, *Railway Policy* (Cmnd. 3439, 1967).

38 Business Administration: The Organization of Business Enterprises and Problems of Business Policy

Mr Foldes, Mr Gould and Mr Bromwich. Ten lectures, Summer Term (second year) and fifteen lectures, Michaelmas and Lent Terms (third year).

For B.Sc. (Econ.) Part II: *Business Administration*, IV 4; V 2b. Michaelmas Term only, for M.Sc.: *Theory of Optimal Decisions*, III 4(v) (preliminary year).

Syllabus A selection from the following topics:

(a) Theory of Decisions: the structure of decision problems. Linear problems. Uncertainty and time. Criteria for investment. Stock control. Layout and scheduling problems. Location. Special pricing systems. Hire or buy.
(b) Theory of Organizations: Conflict and co-operation. Theory of games. The aims of capitalists, managers and workers. The aims of organizations. Division of labour, delegation, authority and communication. Review of particular administrative techniques, including administration charts, standard systems of organization, budgets, accounts, internal pricing systems. Recruitment, promotion, training and retirement systems. Predictive models of administrative action.

Recommended reading Background reading: H. A. Simon, *The New Science of Management Decision*; I. J. D. Bross, *Design for Decision*; F. C. Hooper, *Management Survey*; A. Rapoport, *Games, Fights and Debates*, Part II; A. Etzioni, *Modern Organizations*. Main texts: W. Baumol, *Economic Theory and Operations Analysis* (2nd edn., chaps. 1-6, 11-13, 22-25); M. Alexis and C. Z. Wilson (Eds.), *Organizational Decision Making* (relevant parts); R. Cyert and J. G. March, *A Behavioral Theory of the Firm*.

38(a) Classes

Classes will be arranged.

LABOUR ECONOMICS

39 Labour: Organization and Relations

Dr Primorac and Mr Metcalf.
Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Labour*, including *Elements of Labour Law*, IV 6, 7 and 8e (second year).

Syllabus The working population: numbers, quality, deployment and mobility. Collective bargaining: monopoly power and bargaining power. Methods of wage determination: areas and procedures. Industry-wide bargaining; effects of full employment. Minimum wage regulation. Compulsory arbitration. National incomes policy. Methods of settling disputes. Joint consultation and workers' control; methods of wage payment, including assessment of incentive methods; job evaluation and the wage structure; structure of trade unions; analysis of strikes.

Recommended reading E. H. Phelps Brown, *Labour Economics* (1962); Ministry of Labour, Manpower Studies No. 1, *The Pattern of the Future; Wages and Labour Mobility* (O.E.C.D. 1965); D. J. Robertson, *The Economics of Wages*, Pt. I; E. H. Phelps Brown, *The Growth of British Industrial Relations*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, chaps. 1-5 and 12); A. Rees, *The Economics of Trade Unions*; P. Ford, *The Economics of Collective Bargaining*; A. R. Weber (Ed.), *The Structure of Collective Bargaining*; articles on national incomes policy in *British Journal of Industrial Relations*, Nov. 1964; U.K. Ministry of Labour, *Industrial Relations Handbook* (1961 edn.); E. L. Wigham, *Trade Unions* (H.U.L.); B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*; A. Sturmthal (Ed.), *Contemporary Collective Bargaining in Seven Countries*; Loyd Ulman, "American Trade Unionism—Past and Present" in S. E. Harris (Ed.), *American Economic History*; S. H. Slichter, J. J. Healy and E. R.

Livernash, *The Impact of Collective Bargaining on Management*; L. G. Reynolds and C. H. Taft, *The Evolution of Wage Structure*; S. B. L. Nigam, *State Regulation of Minimum Wages*; F. J. Bayliss, *British Wages Councils*; J. A. C. Brown, *The Social Psychology of Industry*; S. W. Gellerman, *Motivation and Productivity*; A. S. Tannenbaum, *Social Psychology of the Work Organisation*; D. J. Robertson, *Factory Wage Structure and National Agreements; Attitudes to Efficiency* (Ministry of Labour, 1966); I.L.O., *Introduction to Work Study*; J. J. Gracie, *A Fair Day's Pay*; C. W. Lyttle, *Wage Incentive Methods*; J. A. Banks, *Industrial Participation*; H. A. Clegg, *A New Approach to Industrial Democracy*; P. Sargent Florence, *Labour*; S. Anderman, *Trade Unions and Technical Change* (1967); U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics* (revised edn.).

39(a) Classes

Fifteen classes, Michaelmas and Lent Terms.

BUSINESS FINANCE

40 The Capital Market

Mr Alford. Ten meetings of one-and-a-half hours each, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Business Finance*, IV 6, 7 and 8g (third year).

Syllabus Framework of the capital market; banks; hire purchase finance companies; investment and unit trusts; insurance companies; official and semi-official financial institutions; the Stock Exchange and the new issue market; monetary policy.

Recommended reading *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd. 827, 1959), chap. 4; H. B. Rose, *Economic Background to Investment*, Parts 2 and 5; F. W. Paish, *Business Finance*, 3rd edn.; A. R. Prest (Ed.), *The U.K. Economy, a Manual of Applied Economics*, chap. 2; E. V. Morgan, *Monetary Policy for Stable Growth* (*Hobart Paper* 27).

PUBLIC FINANCE

41 The Economics of Public Finance

Dr Breton, Mr L. Harris, Mrs Oldershaw and Dr Perlman.
Fifteen lectures, Lent and Summer Terms (second year) and five lectures, Lent Term (third year).

For B.Sc. (Econ.) Part II: *Public Finance*, I 3d or 8e; III 3j or 8d. Suitable for M.Sc.: *Public Finance*, III 4(xi) (final year).

Syllabus Analysis of some modern theories of government expenditures as well as an examination of the evolution of these expenditures in the United Kingdom and in the United States. The special issues raised by benefit-cost analysis will be discussed in the context of these theories. Examination of the special problems of government finance in federal countries. Analysis of the allocation and incidence effects of excise, income, production, import, profit and other taxes and subsidies treated in a partial equilibrium framework. Analysis of fiscal policy and debt management and discussion of the problems of the control of the economy.

Recommended reading A. R. Prest, *Public Finance in Theory and Practice* (3rd edn.); A. Williams, *Public Finance and Budgetary Policy*; E. R. Rolph and G. F. Break, *Public Finance*; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom*.

41(a) Classes

Fifteen classes, Lent and Summer Terms (second year). Five classes, Lent Term (third year).

42 Economic Aspects of British Social Services

Mrs Sharp. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Public Finance*, I 3d or 8e; III 3j or 8d; B.Sc. (Soc.) Branch III, 3 (second year). Suitable for M.Sc.: *Public Finance*, III 4(xi) (final

year). Optional for Dip. Soc. Admin. (second year and one-year).

Syllabus The nature of the important general economic issues raised by the provision of social services will be considered and the conclusions will be used in the examination of aspects of particular British services. A detailed reading list will be provided at the beginning of the course.

MONETARY ECONOMICS

43 English Monetary History since 1914

Dr Pressnell. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Monetary Institutions*, III 7 (third year).

Recommended reading J. H. Clapham, *The Bank of England*; T. E. G. Gregory, *Select Statutes, Documents and Reports; Report of the Committee on Finance and Industry* (Cmnd. 3897, 1931); E. Nevin, *The Mechanism of Cheap Money*; R. S. Sayers, *Central Banking after Bagehot; Financial Policy, 1939-45*; H. Clay, *Lord Norman*; L. V. Chandler, *Benjamin Strong*; J. C. R. Dow, *The Management of the British Economy, 1945-60*.

44 U.S.A. Monetary Institutions since 1914

Dr Pressnell. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Monetary Institutions*, III 7 (third year).

Recommended reading U.S. Board of Governors of the F.R.S., *Federal Reserve System: Purposes and Functions*; E. R. Wicker, *Federal Reserve Monetary Policy, 1917-1933*; M. Friedman and A. J. Schwartz, *Monetary History of the United States*, chaps. 8-12; J. S. G. Wilson, *Monetary Policy and the Development of Money Markets*, chaps. 7 and 8, *Private Financial Institutions* (Commission on Money and Credit series of research studies); *Federal Reserve Bulletin*; *Monthly Review* of the F.R.B. of New York.

45 The British Monetary System

Mr Alford. Ten meetings of one-and-a-half hours each, Summer Term.

For B.Sc. (Econ.) Part II: *Principles of Monetary Economics*, III 6 (second year).

Syllabus The flow-of-funds approach. Banks and other financial intermediaries. Determinants of the volume of bank deposits. Debt management. Monetary policy.

Recommended reading *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd. 827, 1959); R. S. Sayers, *Modern Banking* (7th edn.); R. L. Crouch, "The Inadequacy of 'New Orthodox' Methods of Monetary Control" (*Economic Journal*, Dec. 1964); also comments and reply in *Economic Journal*, Dec. 1965; "The Influence of Nonbank Financial Intermediaries" (chap. 12 in Ritter (Ed.), *Money and Economic Activity*); A. B. Cramp, "Control of the Money Supply" (*Economic Journal*, June 1966); G. Clayton, "British Financial Intermediaries in Theory and Practice" (*Economic Journal*, Dec. 1962); R. S. Sayers, "Monetary Theory and Policy in England" (*Economic Journal*, Dec. 1960); C. M. Kennedy, "Monetary Policy" (chap. 9 in G. D. N. Worswick and P. Ady, *The British Economy in the 1950s*); E. V. Morgan, *Monetary Policy for Stable Growth* (Hobart Paper 27); J. C. R. Dow, *The Management of the British Economy 1945-60* (chaps. 9 and 12); *Bank of England Quarterly Bulletin*, *passim*.

46 International Monetary Economics

Professor Day. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Principles of Monetary Economics*, III 6 (third year).

Recommended reading L. B. Yeager, *International Monetary Relations*; J. E. Meade, *Balance of Payments*; H. G. Johnson, *International Trade and Economic Growth* (esp. chaps. 4 and 6); League of Nations, *International Currency Experience*; A. G. Ford, *The Gold Standard*

(esp. chap. 1); R. Triffin, *Gold and the Dollar Crisis*.

46(a) Classes

Mr L. Harris and Dr O'Connell. Five classes, Lent Term. Students will be divided into two groups.

47 Seminar in Monetary Economics

Dr Pressnell and others.

One-and-a-half hours fortnightly, Michaelmas Term; weekly, Lent Term.

For B.Sc. (Econ.) Part II: special subject Monetary Economics (third year).

Recommended reading will be prescribed for each meeting of the session.

48 Monetary Theory

Mr L. Harris. Ten lectures, Michaelmas and Lent Terms, alternate weeks, beginning in the first week of the Michaelmas Term.

For B.Sc. (Econ.) Part II: *Principles of Monetary Economics*, III 6 (third year).

Recommended reading The review article on "Monetary Theory and Policy" (*American Economic Review*) June 1962 by H. G. Johnson, besides being essential reading provides an excellent bibliography for most aspects of the subject. Students will be expected to be already familiar with the following background books: *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd. 827, 1959); R. S. Sayers, *Modern Banking*, (edns. 5 and subsequent); W. T. Newlyn, *The Theory of Money*, 1962. Further reading will be given at the beginning of the course.

48(a) Classes

Ten fortnightly classes, Michaelmas and Lent Terms, beginning in the second week of the Michaelmas Term.

INTERNATIONAL ECONOMICS

49 International Economics

Dr Hindley and Mr Petith.

Twenty lectures. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International Economics*, I 8b (third year).

Syllabus An introduction to the theory of international trade, customs unions, foreign investment, and the theory of international economic policy, including the balance of payments and international financial institutions.

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

TRANSPORT ECONOMICS

50 Economics of Transport

Lecturer to be announced. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Economics of Transport*, XV 8e (second year).

Syllabus This course will consist of a general introduction to the subject.

Recommended reading A bibliography will be given during the course.

50(a) Classes

Classes will be arranged.

51 Economics and History of Transport

Lecturer to be announced. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economics of Transport*, XV 8e (third year).

Syllabus The course will be concerned principally with major current problems in transport.

Recommended reading K. M. Gwilliam, *Transport and Public Policy*; J. R. Meyer and others, *The Economics of Competition in the Transportation Industries*; C. D. Foster, *The Transport Problem*; G. J. Walker, *Road and Rail*; The British Railways Board, *The Reshaping of British*

Railways (Beeching Report), 1963, and *The Development of the Railways' Major Trunk Routes*, 1965; *Road Pricing: The Economic and Technical Possibilities*, 1964; *Traffic in Towns* (Buchanan Report), 1963. A bibliography will be circulated at the beginning of the course.

51(a) Classes

Classes will be arranged.

II Graduate Courses

(A) M.Sc. in Economics

ECONOMIC THEORY I AND II AND METHODS OF ECONOMIC INVESTIGATION

55 Preliminary-Year Mathematics for Economists

Mr Wymer. Sessional.

For M.Sc.: *Economic Theory I and II*, III 1 and 2; *Methods of Economic Investigation*, III 3 (preliminary year).

Description of course The course will cover elements of differential calculus, determinants, the mathematical methods of comparative statics, and an introduction to matrix algebra.

Reading Before beginning the course, students are advised to revise their algebra from any algebra text. One possibility is Schaum's Outline Series, *Theory and Problems of College Algebra*. Selected Course reading: T. Yamane, *Mathematics for Economists*, chaps. 1-10, 11 and section 12.4 of chap. 12; or A. Kooros, *Elements of Mathematical Economics*, chaps. 1-7, 11 and 12; or R. G. D. Allen, *Mathematical Analysis for Economists*, chaps. 1-14 and 17-19; and C. F. Christ, *Econometric Models and Methods*, chap. 3.

55(a) Classes

Sessional.

56 Preliminary-Year Statistics for Economists

Mr Wymer. Sessional.

For M.Sc.: *Economic Theory I and II*, III 1 and 2; *Methods of Economic Investigation*, III 3 (preliminary year).

Description of course Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing. Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

Reading For Section I: J. E. Freund and F. J. Williams, *Modern Business Statistics* or P. G. Hoel, *Elementary Statistics*. For Section II: A set of duplicated lecture notes and a detailed reading list will be distributed at the beginning of the session.

56(a) Classes

Sessional.

57 Preliminary-Year Micro-Economics

Dr Perlman. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: Accounting and Finance; *Economic Theory II*, III 2 (preliminary year).

Reading Those students who have not studied economics before should ensure before taking this course that they are thoroughly acquainted with R. G. Lipsey, *An Introduction to Positive Economics*, (2nd edn., parts 1-5). G. J. Stigler, *Theory of Price* (3rd edn.) and W. J. Baumol, *Economic Theory and Operations Analysis*, (2nd edn.), are good general texts.

57(a) Classes

Ten classes, alternate weeks Sessional.

58 Preliminary-Year Macro-Economics

Mr Griffiths. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: Accounting and Finance; *Economic Theory I*, III 1 (preliminary year).

Reading Those students who have not studied economics before should ensure before taking this course that they are thoroughly acquainted with R. G. Lipsey, *An Introduction to Positive Economics*, (2nd edn., part 1 and parts 6-10). The main content of the course is to be found in T. F. Dernburg and D. M. McDougall, *Macro-Economics*, and G. Ackley, *Macro-Economic Theory*.

58(a) Classes

Ten classes, alternate weeks, Sessional.

59 Final-Year Mathematics for Economists.

Mr Kuska. Twenty lectures, September, 1968.

For M.Sc.: *Economic Theory I and II*, III 1 and 2; *Methods of Economic Investigation*, III 3 (final year).

Description of course The course will cover the following topics: an introduction to matrix algebra, partial differentiation, differentials, determinants, maximization and minimization, and the mathematical methods of comparative statics.

Reading Essential preliminary reading: a treatment of the differential calculus of one variable. Suitable expositions may be found in one of the following: T. Yamane, *Mathematics for Economists*, chaps. 1, 2 and 3 or A. Kooros, *Elements of Mathematical Economics*, chaps. 1-5 or R. G. D. Allen, *Mathematical Analysis for Economists*, chaps. 1-10. Course reading: T. Yamane, *op. cit.*, chaps. 4, 5, 10, 11 and section 12.4 of chap. 12 or A. Kooros, *op. cit.*, chaps. 6, 7, 11 and 12 or R. G. D. Allen, *op. cit.*, chaps. 11-14 and 17-19; and C. F. Christ, *Econometric Models and Methods*, chap. 3.

59(a) Classes

Ten classes, September, 1968.

60 Statistical Theory for Economists

Mr J. J. Thomas. Twenty lectures, September, 1968.

For M.Sc.: *Economic Theory I and II*, III 1 and 2; *Methods of Economic Investigation*, III 3 (final year).

Description of course Section I: Introduction, probability theory, frequency distributions. The binomial and normal distributions. Sampling theory. Estimation and hypothesis testing. Section II: Correlation analysis. Simple linear regression. Multiple regression analysis. Time-series problems.

Reading For Section I: J. E. Freund and F. J. Williams, *Modern Business Statistics* or P. G. Hoel, *Elementary Statistics*.

60(a) Classes

Ten classes, September, 1968.

61 Final-Year Micro-Economics

Dr Breton. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economic Theory II*, III 2 (final year).

Description of course The lectures will discuss in detail the basic conceptual tools needed for the general equilibrium comparative static analysis of an economy. In particular, attention will be given to the economic behaviour of households and to the properties of the demand curve for products; to the conditions for and to the characteristics of viable and advantageous exchanges; to the production behaviour of enterprises and industries and to the demand for factors of production and the supply of products; and also to the supply of factors of production. Finally the two-factor, two-product, two-consumer model based on these concepts will be used to analyse particular allocation and distribution problems.

Selected reading J. R. Hicks, *Value and Capital*; G. J. Stigler, *Theory of Price* (3rd edn.); K. E. Boulding, *Economic Analysis* (3rd edn.); A.E.A., *Readings in*

Price Theory; A.E.A., *Readings in the Theory of Income Distribution*; P. A. Samuelson, *Foundations of Economic Analysis*.

61(a) Classes

Twenty classes, Michaelmas and Lent Terms.

62 Final-Year Macro-Economics

Professor H. G. Johnson and Mr L. Harris. Forty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economic Theory I*, III 1 (final year).

Description of course A. Macro-Economics. The simple Keynesian model of income-determination. The theory of economic policy. The consumption function. The theory of investment. Business cycles. Problems of stabilization policy. Models of economic growth. Keynesian theory *versus* quantity theory. B. Monetary Theory. The classical quantity theory. The Keynesian theory of money. The demand for money and liquidity. Quantity theory, portfolio balance, and inventory-theoretic approaches. The supply of money and monetary policy. Financial intermediation. Money and general equilibrium theory. Inflation theory. Money in growth models. The monetary standard and international monetary arrangements.

Selected reading J. M. Keynes, *The General Theory of Employment, Interest and Money*; D. Patinkin, *Money, Interest and Prices* (2nd edn.); J. G. Gurley and E. S. Shaw, *Money in a Theory of Finance*; M. J. Bailey, *National Income and the Price Level*; W. T. Newlyn, *Theory of Money*; H. G. Johnson, *Essays in Monetary Economics*; R. S. Thorn (Ed.), *Monetary Theory and Policy*.

62(a) Classes

Five classes will be arranged.

63 Methods of Economic Investigation

Forty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Methods of Economic Investigation*, III 3 (final year).

Description of course The purpose of this course is to present the more frequently used techniques of empirical investigation in economics. In addition to the methods employed, it illustrates the advantages and difficulties involved in their application.

(i) Introduction to Econometrics
Dr Wallis.

Recommended reading C. F. Christ, *Econometric Models and Methods*.

(ii) Case Studies
Mr Steuer and Dr Desai.

Recommended reading A detailed list of empirical articles will be given at the beginning of the course.

63(a) Classes
Weekly classes will be arranged.

ADVANCED ECONOMIC THEORY I: Theory of Economic Growth

ADVANCED ECONOMIC THEORY II: Linear Economic Models

64 Aggregative Models of Economic Growth

Dr Ozga. Twenty-seven lectures, Michaelmas Term.

For M.Sc.: *Advanced Economic Theory I*, III 4 (i) (final year).

Description of course General properties of one-sector and two-sector models of economic growth. The characteristics of their paths of steady growth and the conditions of their convergence onto those paths. The concepts and the analysis of

embodied and disembodied technical progress.

65 Activity Analysis in Economic Theory

Dr Sengupta and Dr Ozga.

Twenty-five lectures, Michaelmas and Lent Terms.

For M.Sc.: *Advanced Economic Theory II*, III 4(ii) (final year).

Description of course An introduction to linear programming, input-output and games theory. Application of activity analysis to problems in the theory of consumer behaviour, in the production and capital theory, and in the theory of general equilibrium.

66 Efficient Capital Accumulation
Dr Ozga. Fifteen lectures, Lent and Summer Terms.

For M.Sc.: *Advanced Economic Theory II*, III 4(ii) (final year).

Description of course The general characteristics and the properties of the solution of the Von Neumann model. The objectives and the conditions of efficiency in programmes of capital accumulation. The Turnpike Theorem.

Classes
Fifteen classes will be arranged in conjunction with the above courses.

HISTORY OF ECONOMIC THOUGHT

67 History of Economic Thought
Not given in session 1968-69.

For M.Sc.: *History of Economic Thought*, III 4(iii); V 4(v) (final year).

Description of course The emphasis of this course is on the Development of Economic Analysis: its relation to policy issues and its methodological and philosophical underpinnings. Particular consideration is given to classical and post-classical development.

Selected reading O. H. Taylor, *A History of Economic Thought*; J. A. Schumpeter, *The History of Economic Analysis*.

INTERNATIONAL ECONOMICS

68 The Theory of Commercial Policy

Professor H. G. Johnson.

Ten lectures, Lent Term.

For M.Sc.: *International Economics*, III 4(iv) (final year).

Description of course The theory of the optimum tariff and tariff retaliation. Tariffs, the terms of trade and the distribution of income. The cost of protection. Distortions of competition and the case for protection; the infant industry argument for protection. The theory of tariff structure and effective protection. The theory of tariff bargaining. The theory of customs unions and preferential trading arrangements.

Selected reading G. Haberler, *The Theory of International Trade*; H. G. Johnson, *Economic Policies Toward Less Developed Countries* (chaps. 3, 4, 6); J. Bhagwati, "A Survey of the Theory of International Trade" (*Economic Journal*, March, 1964); M. C. Kemp, *The Pure Theory of International Trade*; J. Vanek, *International Trade: Theory and Economic Policy*; R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*; J. E. Meade, *The Theory of International Economic Policy*, Vol. II, *Trade and Welfare* and *A Geometry of International Trade*.

68(a) Classes
Five classes, Lent Term.

69 Monetary Theory and Policy

Dr O'Connell. Ten lectures,

Lent Term.

For M.Sc.: *International Economics*, III 4(iv) (final year).

Selected reading J. Viner, *Studies in the Theory of International Trade*; H. G. Johnson, *International Trade and Economic Growth*; J. E. Meade, *The Theory of International Economic Policy*, Vol. I, and *Mathematical Supplement*; E. Sohmen, *Flexible Exchange Rates*; F. B. Jensen and I. Walter, *Readings in International Economic Relations*;

H. G. Grubel, *World Monetary Reform, Plans and Issues*; National Industrial Conference Board, *Gold and World Monetary Problems*; R. Triffen, *The World Money Maze*; R. Harrod, *Reforming the World's Money*; P. Einzig, *Foreign Dollar Loans in Europe*.

70 International Trade
Dr Makower. Ten lectures, Lent Term.

For M.Sc.: *International Economics*, III 4(iv) (final year).

Description of course The course will deal with the factors determining the flows of international trade in real terms. Topics: the doctrine of comparative cost where only one factor of production is assumed; the analysis of international trade assuming more than one factor of production; the role of production functions; the role of relative factor endowments; changes in factor endowment and technology.

Selected reading J. E. Meade, *The Theory of International Economic Policy*, Vol. II, *Trade and Welfare* (chaps. 1-22) and *A Geometry of International Trade*; J. Vanek, *International Trade: Theory and Economic Policy* (chap. 4); H. G. Johnson, *Money, Trade and Economic Growth* (chaps. 2 and 3) and *International Trade and Economic Growth* (chaps. 1 and 3); G. Haberler, *Survey of International Trade Theory*; A. Marshall, *Pure Theory of Foreign Trade*; D. Ricardo, *Principles* (chap. 7); H. S. Ellis and L. A. Metzler (Eds.), *Readings in the Theory of International Trade*; R. E. Baldwin *et al.*, *Essays in Honour of Gottfried Haberler* (Part I); K. Lancaster, "The Heckscher-Ohlin Trade Model" (*Economica*, Feb., 1957); "Protection and Real Wages: A Re-statement" (*The Economic Journal*, June, 1957); A. H. Land, "Factor Endowments and Factor Prices" (*Economica*, May, 1959); T. M. Rybczynski, "Factor Endowment and Relative Commodity Prices" (*Economica*, Nov., 1955); A. P. Lerner, "The Symmetry between Import and Export Taxes" (*Economica*, Aug., 1936); W. M. Corden, "Economic Expansion and International Trade" (*Oxford Economic Papers*, June, 1956); M. C. Kemp, *The Pure Theory of International Trade* (for reference).

Economics

70(a) Classes

Five classes, Lent Term.

71 Seminar on International Trade

Professor H. G. Johnson.

Weekly, Sessional, starting in the sixth week of the Michaelmas Term.

For M.Sc.: *International Economics*, III 4(iv). Other students will be admitted only by permission of Professor Johnson, to whom application should be made in writing.

THEORY OF OPTIMAL DECISIONS

72 Theory of Optimal Decisions

Mr Foldes. Twenty-five lectures, one per week Michaelmas Term and two per week Lent Term.

For M.Sc.: *Theory of Optimal Decisions*, III 4(v) (final year).

Description of course The objects and structure of decision models for individuals and organizations, including governments. Programming, duality and shadow prices, decentralization. Dynamic models. Uncertainty, subjective and objective probability, inverse probability, cardinal utility, Bayes and minimax decision functions. Optimality and equilibrium in games. Team decision problems, information structure, and decentralization under uncertainty. The course will emphasize concepts rather than mathematical or computational methods.

Recommended reading Selected parts of the following: W. Baumol, *Economic Analysis and Operations Research*; P. Massé, *Optimal Investment Decisions*; T. C. Koopmans, *Three Essays on the State of Economic Science* (first essay); J. Tinbergen, *Economic Policy: Principles and Design*; R. D. Luce and H. Raiffa, *Games and Decisions*; H. Chernoff and L. E. Moses, *Elementary Decision Theory*; T. C. Schelling, *The Strategy of Conflict*.

72(a) Classes

Ten classes, Michaelmas and Lent Terms.

LABOUR ECONOMICS

73 Labour Economics

Dr Primorac. Twenty lectures, Sessional, beginning in the fifth week of the Michaelmas Term.

For M.Sc.: *Labour Economics*, III 4(vi); VII 2(i) (final year), and other graduate students.

Description of course The analysis of the demand for and supply of labour in particular employments. Competition and monopoly in labour markets. Bilateral monopoly. Evidence concerning the effects of trade unions on relative rates of pay. The analysis of collective bargaining: monopoly power and bargaining power of combinations of employers and of employees; theory of bargaining. The pay structure. The allocative function of differentials and of changes in differentials, between industries and between occupations. Minimum wage legislation.

The size and composition of the labour force. Hours of work. Labour mobility. Unemployment.

The movements of the general level of money wages in the course of history. Reasons for phases of stability and of rapid rise and for the cumulative rise over time.

Fluctuations of different periods. Typical movement of money wage-rates in the course of the trade cycle.

The effects of trade unions on the movements of the general level of money rates of pay.

Some problems of wage policy and labour market policy under full employment. The movements of the general level of real pay in the course of history: their association with movements in productivity.

Types of theory of the share of labour in the national product: marginal productivity; theories based on pricing decisions; theories based on investment and savings in the developing economy.

Economics

The distribution of the national product in the course of economic growth; effects of technical innovation and of the accumulation of capital on the share of labour.

Selected reading A. Rees, *The Economics of Trade Unions* (1952); E. H. Phelps Brown, *Labor Economics* (1962); Cartter and Marshall, *Labor Economics* (1967); J. T. Dunlop (Ed.), *The Theory of Wage Determination* (1957).

73(a) Classes

Twenty classes, Sessional, beginning in the fifth week of the Michaelmas Term.

MONETARY HISTORY AND ANALYSIS OF MONETARY INSTITUTIONS (Courses 74, 75 and 78. Course 77 is optional.)

ANALYSIS OF MONETARY INSTITUTIONS AND MONETARY THEORY (Courses 75, 76 and 78. Course 77 is optional.)

74 Monetary History

Dr Pressnell. Ten lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.: *Monetary History and Analysis of Monetary Institutions*, III 4(vii) (final year).

74(a) Classes

Ten classes, beginning in the sixth week of the Michaelmas Term.

75 Analysis of Monetary Institutions

Mr Alford and Mr M. Miller. Ten one-and-a-half hour meetings, Lent Term.

For M.Sc.: *Monetary History and Analysis of Monetary Institutions*, III 4(vii) (final

year); *Analysis of Monetary Institutions and Monetary Theory*, III 4(viii) (final year).

76 Advanced Monetary Theory

Mr Griffiths and Mr M. Miller. Sixteen meetings. Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.: *Analysis of Monetary Institutions and Monetary Theory*, III 4(viii) (final year).

77 Econometrics in the Monetary Field—A Survey

Professor Walters. Six lectures, Lent Term.

Optional for M.Sc.: *Analysis of Monetary Institutions and Monetary Theory*, III 4(viii) (final year); *Monetary History and Analysis of Monetary Institutions*, III 4(vii) (final year).

78 Advanced Monetary Economics (Seminar)

Professor Walters and others.

For M.Sc.: *Monetary History and Analysis of Monetary Institutions*, III 4(vii) (final year); *Analysis of Monetary Institutions and Monetary Theory*, III 4(viii) (final year). Others may be admitted by permission of Professor Walters.

Recommended reading for the above course will be available at the beginning of the session.

ECONOMICS OF PUBLIC ENTERPRISE

In the session 1968–69 no graduate courses will be provided for M.Sc.: *Economics of Public Enterprise*, III 4(ix).

ECONOMICS OF TRANSPORT

Courses to be announced.

PUBLIC FINANCE**79 The Economics of Public Finance**

Dr Breton and Mr Griffiths.
Twenty lectures, Sessional.

For M.Sc.: *Public Finance*, III 4(xi) (final year).

Description of course The lectures will examine in detail some modern theories of government expenditures, government policies and public goods in a general equilibrium framework and show the relation of some of these theories to benefit-cost analysis. The problem of external economies and diseconomies and the question of possible solutions to these problems will then be discussed. Personal and corporation income taxes, excise taxes on domestic and foreign products, capital gains value-added and property taxes will be analysed in a general equilibrium two-product, two-factor, two-person economy. The welfare effects of these taxes will then be considered in detail.

Selected reading R. A. Musgrave, *The Theory of Public Finance*; A. Williams, *Public Finance and Budgetary Policy*; L. Johansen, *Public Economics*; A.E.A., *Readings in the Economics of Taxation*; A. R. Prest, *Public Finance in Theory and Practice*; J. Tinbergen, *Economic Policy: Principles and Design*; A. Downs, *An Economic Theory of Democracy*; J. M. Buchanan and G. Tullock, *The Calculus of Consent*.

79(a) Classes

Five classes, Lent Term.

80 Seminar in Public-Sector Economics

Dr Breton. Fortnightly, Sessional.

For M.Sc.: *Public Finance*, III 4(xi) (final year). Others who wish to attend may do so by permission of Dr Breton.

THE ECONOMICS OF INDUSTRY**81 Economics of Industry**

Professor Yamey. Thirty lectures, Sessional.

For M.Sc.: *Economics of Industry*, III 4(xii) (final year).

Description of course (i) Analysis of the structure of industries: size-distribution of plants and firms; concentration; vertical integration; specialization and diversification; conditions of new entry. (ii) Expansion and contraction of industries and changes in their structure; changes in concentration, market shares and ranks, vertical integration, and specialization and diversification. The process of structural change: entry, exit and mergers. (iii) The economics of innovation in industry. (iv) The relation between industrial structure, forms of competitive behaviour, and economic performance. (v) Pricing policies and practices of manufacturers, including limit pricing, delivered price systems, tied sales, rebate schemes and resale price maintenance. (vi) Public policy in relation to the structure and performance of industries (selection of topics).

Selected reading J. S. Bain, *Barriers to New Competition*; R. Evely and I. M. D. Little, *Concentration in British Industry*; S. M. Loescher, *Imperfect Collusion in the Cement Industry*, chaps. 1, 4 and 5; P. W. MacAvoy, *Price Formation in Natural Gas Fields*; G. Maxcy and A. Silberston, *The Motor Industry* (esp. chap. 6); National Bureau of Economic Research (Universities—National Bureau Committee), *Business Concentration and Price Policy* (papers by Smith, Friedman, Rosenbluth and Adelman); G. J. Stigler, *Capital and Rates of Return in Manufacturing Industries*, chap. 3.

81(a) Classes

Ten classes, Lent and Summer Terms.

82 Economic Aspects of the Joint Stock Company

Mr Hindley. Ten lectures,

Lent and Summer Terms.

For M.Sc.: *Economics of Industry*, III 4(xii) (final year).

Description of course (i) Theories of corporate behaviour designed primarily to illuminate the relations between companies and their economic environment. (ii) Theories relating to the internal organisation and operation of companies.

ECONOMICS OF POOR COUNTRIES AND THEIR DEVELOPMENT**83 The Economics of Poor Countries and their Development**

Professor Bauer and Professor Myint. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Economics of Poor Countries and their Development*, II 3iii; III 4xiii (final year); Dip. Development Admin.; Dip. Soc. Admin. overseas option and optional for second year.

Description of course The relevance and limitations of economics. Characteristics of poor economies. Issues of concept and measurement. The vicious circle of poverty. Aspects of change. Varying degrees of integration between different markets and between different sectors of the economy. Balanced and unbalanced growth. International trade and development. Fiscal and monetary problems of development. Some specific issues of policy.

83(a) Classes

Ten classes, Michaelmas and Lent Terms.

For M.Sc. students only.

84 Seminar on the Economics of Poor Countries

Professor Bauer and Professor Myint. Michaelmas and Lent Terms, in conjunction with Course No. 83. Admission will normally be restricted to graduate

students working in this field and will be by permission of Professor Bauer or Professor Myint, to whom application should be made in writing.

85 (i) Surplus Labour in Poor Countries

Dr Mazumdar. Five lectures, Michaelmas Term, beginning in the sixth week.

For M.Sc.: *Economics of Poor Countries and their Development*, II 3(iii); III 4(xiii) (final year); Dip. Development Admin.; Special Course for Overseas Administrators. Optional for M.Sc.: *Economic Problems of the Communist World I and II*, III 4(xvi) and (xvii) (final year).

Description of course The course will examine the theory of disguised unemployment and the empirical evidence bearing on it. The problem of evaluating the "shadow wage" will be discussed.

85 (i) (a) Classes

Five classes, Michaelmas Term.

85 (ii) Economic Problems of Public Investment and Planning in Underdeveloped Countries

Dr Mazumdar. Ten lectures, Lent Term.

For M.Sc.: *Economics of Poor Countries and their Development*, II 3(iii); III 4(xiii) (final year); Dip. Development Admin.; Special Course for Overseas Administrators. Optional for M.Sc.: *Economic Problems of the Communist World I and II*, III 4(xvi) and (xvii) (final year).

Description of course The course will examine theoretical problems relating to the formulation of investment programmes in underdeveloped countries. Topics to be covered will include: theory of the choice of techniques; formulation of operational criteria for the evaluation of public investment projects; problem of the interest rate; principles of allocation of investment between producer goods and consumer goods industries; major types of macro-models for planned develop-

Economics

ment; applicability of input-output and programming models to underdeveloped countries.

85 (ii) (a) Classes

Ten classes, Lent Term.

AGRICULTURAL ECONOMICS

86 Economics of Agricultural Production

Dr Josling. Five lectures, Michaelmas Term.

For M.Sc.: *Agricultural Economics*, III 4(xiv) (final year).

Description of course The course will include a survey of resource allocation concepts as employed in the literature, and an evaluation of functional and normative analysis of agricultural production.

Selected reading E. O. Heady, *The Economics of Agricultural Production and Resource Use*; E. O. Heady and J. Dillon, *Agricultural Production Functions*; Z. Griliches, "Research Expenditures, Education and the Aggregate Agricultural Production Function" (*American Economic Review*, December, 1964). Further references will be given at the beginning of the course.

86(a) Classes

Three classes, Michaelmas Term.

87 Agricultural Markets

Mr Metcalf. Fifteen lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For M.Sc.: *Agricultural Economics*, III 4(xiv) (final year).

Description of course The course will be divided into two parts:

(a) Factor Markets. The markets for fertilizers, agricultural machinery and labour will be analysed, including econometric analyses of the demand for these inputs.

(b) Product Markets. The following concepts will be studied: workable competition; the relationship between industry structure, firm conduct and market performance; vertical integration; co-operatives; marketing boards; bargaining power; transportation.

Selected reading (a) E. O. Heady and L. Tweeten, *Resource Structure and the Demand for Inputs*; (b) P. L. Farris (Ed.), *Market Structure Research*.

87(a) Classes

Eight classes, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

88 Agricultural Policy in an Industrial Setting

Dr Josling. Ten lectures, Lent Term.

For M.Sc.: *Agricultural Economics*, III 4(xiv) (final year).

Description of course The course will consider the place of agriculture in industrial economies, the formation and objectives of agricultural policy, the effects of agricultural policy on income distribution and asset creation, and the sources of conflict between trade and domestic policy objectives. Attention will also be given to the effect on agriculture of general economic policy measures.

Selected reading D. E. Hathaway, *Government and Agriculture*; G. McCrone, *The Economics of Subsidising Agriculture*; D. G. Johnson, "Agriculture and Foreign Economic Policy" (*Journal of Farm Economics*, 1964). Further references will be given at the beginning of the course.

88(a) Classes

Five classes, Lent Term.

89 Seminar in Agricultural Economics

Mr Metcalf and Dr Josling. Sessional.

For M.Sc.: *Agricultural Economics*, III 4(xiv) (final year). Seminars in the

Economics

Lent Term will be held in conjunction with Course No. 84 and will relate to the place of agriculture in developing countries.

ECONOMIC ASPECTS OF ACCOUNTING

The courses for M.Sc.: *Economic Aspects of Accounting*, III 4(xv) are listed in the section on Accounting and Finance.

ECONOMIC PROBLEMS OF THE COMMUNIST WORLD I: Soviet Economic Structure

ECONOMIC PROBLEMS OF THE COMMUNIST WORLD II: Techniques in Normative and Indicative Planning

91 Soviet Economic Structure

Professor Wiles and Professor Wellisz. Thirty lectures, Lent and Summer Terms.

For M.Sc.: *Economic Problems of the Communist World I: Soviet Economic Structure*, III 4(xvi) (final year). Also suitable for undergraduates.

Description of course The changing institutional framework and mechanisms of the economy, 1917-64: their intellectual origins; the actual performance of the economy.

Recommended reading A. Nove, *The Soviet Economy*, 2nd edn.; K. Marx, *Value* (sometimes written "Wages"), *Price and Profit*; P. J. D. Wiles, *The Political Economy of Communism*; H. Schwartz, *Russia's Soviet Economy*, 2nd edn.; *Political Economy* (the official Soviet textbook); for other references see the bibliography in Nove, *op. cit.*

92 Introduction to National Planning

Mr. Markowski and Professor Wiles. Fifteen Lectures, Michaelmas Term.

For M.Sc.: *The Economics of Poor Countries and their Development*, III 4(xiii); *Economic Problems of the Communist World I and II*, III 4(xvi) and (xvii). Also suitable for undergraduates.

Description of course The general theory of planning: in France; in the U.S. war economy; in U.S.S.R. and Poland; in India.

Recommended reading B. Gross (Ed.), *Action Under Planning*; J. Tinbergen, *Central Planning*; P. J. D. Wiles, *The Political Economy of Communism*; P. Bauchet, *Economic Planning, The French Experience*; J. E. Meade, *Planning and the Price Mechanism*.

Further reading will be given during the course.

93 Techniques in Normative and Indicative Planning

Dr Zauberman. Thirty lectures, Lent and Summer Terms.

For M.Sc.: *Economic Problems of the Communist World II*, III 4(xvii) (final year); optional for M.Sc.: *Economics of Poor Countries and their Development*, III 4(xiii) (final year).

Description of course This course will deal with techniques and tools in both normative and indicative planning. Non-socialist and development planning are extensively treated. Mathematical techniques will be given special consideration.

1. Basic instruments: (a) Techniques for consistency; (b) Techniques for optimization. 2. Aggregation and disaggregation. 3. Problems of information. 4. Prognosis in long-term planning. 5. Optimality criteria. 6. Cybernetical approach. 7. Normative planning. 8. Indicative planning. 9. Theoretical models.

Recommended reading A. Zauberman, *Aspects of Planometrics* and literature referred to there—as introduction.

94 Problems of Planning Techniques

Dr Mazumdar, Professor Wiles and Dr Zauberman. Fortnightly

Economics

seminars, Sessional, beginning in the sixth week of the Michaelmas Term. Attendance is by permission of Dr Mazumdar.

For M.Sc.: *Economic Problems of the Communist World I and II*, III 4(xvi) and (xvii) (final year). Optional for M.Sc.: *Economics of Poor Countries and their Development*, III 4(xiii) (final year).

(B) M.Sc. in Econometrics

95 Seminar in Quantitative Economics

Professor Gorman, Professor Sargan and others. Sessional.

For M.Sc.: *Quantitative Economics, I and II*, IV 1 and 2(i).

Description of course Papers will cover recent applied econometric work, the econometric models and methodology used.

Recommended reading S. J. Prais and E. S. Houthakker, *Analysis of Family Budgets*; M. Friedman, *The Consumption Function*; C. Christ, *Measurement in Economics*; R. Stone, *A Programme for Growth*, Vols. 1-5; N.B.E.R., *Models of Income Determination*; J. S. Duesenberry, G. Fromm, L. R. Klein, E. Kuh, *The Brookings-S.S.R.C. Quarterly Econometric Model of the U.S. Economy*.

96 Advanced Mathematical Economics

Professor Gorman and Professor Hahn. Sessional.

For M.Sc.: *Advanced Mathematical Economics I and II*, IV 2(iv) and (v).

98 Seminar in Mathematical Economics

Professor Hahn and Professor Gorman. Fortnightly, Sessional.

For M.Sc.: *Advanced Mathematical Economics I and II*, IV 2(iv) and (v).

99 Econometric Theory

Professor Sargan. Twenty-five lectures, Sessional.

For M.Sc.: *Econometric Theory I and II*, IV 2(ii) and (iii); XI 4(iv); XIX 5.

Description of course Least squares, Aitken generalized, with lagged endogenous variables, heteroskedastic and autoregressive errors. Two-stage and three-stage least squares. Limited and full information maximum likelihood estimates.

Recommended reading J. Johnston, *Econometric Methods*; A. S. Goldberger, *Econometric Theory*; E. Malinvaud, *Statistical Methods of Econometrics*.

99(a) Classes

Twenty classes, Michaelmas and Lent Terms.

100 Seminar in Econometrics

Professor Sargan and Professor Gorman. Fortnightly, Sessional.

For M.Sc.: *Econometric Theory I and II*, IV 2(ii) and (iii). Others will be admitted only by permission of Professor Gorman or Professor Sargan.

(C) M.Sc. in Regional and Urban Planning Studies

101 Seminar in Regional and Urban Economics

Professor Day. Fifteen meetings, Lent and Summer Terms.

For M.Sc.: *The Economics of Regional and Urban Planning*, XIII 1.

III Graduate Seminars

For seminars intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

Economics

102 Problems in Industrial Administration

Professor Sir Ronald Edwards. Sessional (evening). Admission strictly by permission of Professor Sir Ronald Edwards.

The seminar, which is organized jointly with the London Graduate School of Business Studies, will be attended by industrialists, professional businessmen and civil servants as guests, and each discussion will be based on a paper prepared and circulated in advance. The papers will be concerned with such matters as the following: distinctive features of cost, demand, organization and management in different firms and industries; marketing, including export business; economic and other considerations affecting industrial design; organization and economics of research; the development of new enterprises; industrial location in the light of present Government policy; labour relations and the human factor; relations with trade associations and Government departments.

103 Workshop in the Economics of Education

Professor Blaug and others. Fortnightly, Sessional.

This workshop will proceed systematically through the advanced literature in the subject. Admission is by permission of Professor Blaug.

104 Monetary Economics: Theory and Testing

Professor H. G. Johnson and Mr Alford.

This seminar is for staff and graduate students working for the M.Phil and Ph.D. degrees. It will cover general monetary theory, and theory and testing in relation to: (a) the U.K. monetary system, (b) the U.S. monetary system, and (c) the international monetary system. Application for admission should be made in writing to Mr Alford in the first week of the Michaelmas Term.

105 Economic Problems of the Communist World (Seminar)

Professor Wiles and Dr Zauberman. Sessional.

Also suitable for M.Sc.: *Economic Problems of the Communist World I and II*, III 4(xvi) and (xvii). Admission by permission of Professor Wiles or Dr Zauberman.

IV Additional Courses for Undergraduates and/or Graduates

106 Behaviouralism and Economic Analysis

Dr Devletoglou. Five lectures, Michaelmas Term.

Suitable for all graduate students.

Description of course A survey of the major recent attempts to emphasize human behaviour in economic analysis in a manner compatible with current developments in the behavioural disciplines. The lectures will concentrate on the theory of consumer and firm behaviour, but will also consider problems in macro-behaviour.

Recommended reading N. Georgescu-Roegen, *Analytical Economics*, 1966, Parts I and II; F. M. Nicosia, *Consumer Decision Processes*, 1966; A. G. Papandreou, "Some Basic Problems in the Theory of the Firm" (*A Survey of Contemporary Economics*, Vol. II, A.E.A., 1952); J. A. Howard, *Buyer and Executive Behavior*, 1963; R. M. Cyert and J. G. March, *A Behavioral Theory of the Firm*, 1963; N. E. Devletoglou, "A Dissenting View of Duopoly and Spatial Competition" (*Economica*, May, 1965); H. A. Simon, "Theories of Decision-Making in Economics and Behavioural Science" (*Surveys of Economic Theory*, A.E.A.-R.E.S., 1966); N. E. Devletoglou and P. A. Demetriou, "Choice and Threshold" (*Economica*, November, 1967).

Economics

107 Economic Institutions Compared

Professor Wiles. Ten lectures, Lent Term.

Primarily for undergraduates.

Description of course Capitalism, classical Communism, Titoism, French planning.

108 Introduction to Linear Programming

Dr Makower. Ten lectures, Lent Term.

Suitable for undergraduates.

109 Recent Theories of Business Behaviour

Mr Townsend. Five lectures, Summer Term.

110 The British Economy since 1945

Professor Day. Ten lectures.

Description of course An introduction to post-war British economic problems and policies.

Recommended reading J. C. R. Dow, *The Management of the British Economy*; G. D. N. Worswick and P. Ady, *The British Economy, 1945-50*; G. D. N. Worswick and P. Ady, *The British Economy in the 1950s*; S. Brittain, *The Treasury under the Tories*; P. D. Henderson, *Economic Growth in Britain*.

111 The Political Economy of Opulence

Professor H. G. Johnson. Three lectures, Lent Term.

Description of course The course will attempt to present an integrated approach to the study of modern economic problems in terms of applications of capital theory.

It will deal with such problems as advertising, distribution theory and the economics of education.

112 Economic Planning in India

Dr Mazumdar. Five lectures, Michaelmas Term, beginning in the sixth week.

Description of course The course will consider the theoretical models influencing allocation of investment between different sectors in the Five-Year Plans and the impact of the plans on the development of the economy.

113 Economic Planning in Pakistan and Taiwan (Formosa)

Dr Sengupta. Five lectures, Lent Term.

Description of course The course will concentrate on an evaluation of the Third Five-Year Plan of Pakistan, and the Fourth Four-Year Plan of Taiwan in the light of the planning strategies of the two countries and the role of foreign aid.

114 Trade, Growth and Development

Dr Sengupta. Five lectures, Summer Term.

Suitable for graduate students.

Description of course A survey of models of international trade and economic growth and their application to the economics of development.

115 Monetary Problems of the Underdeveloped Countries

Mr Griffiths. Five lectures, Lent Term. Suitable for graduate students.

Accounting and Finance

Accounting and Finance

133 Accounting I: Introduction

Professor Edey. Ten lectures and eight classes, Michaelmas Term.

For B.Sc. (Econ.) Part II (second year): *Accounting and Finance*, V 6, 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Management Data Processing*, XI 5, 6 and 7a; *Business Finance*, IV 6, 7 and 8g; B.Sc. (Maths.) 5-8g (second year); M.Sc.: *Economic Aspects of Accounting*, III 4(xv); *Management Accounting*, XI 4(ii); M.Sc.: Accounting and Finance (preliminary year).

Syllabus: The balance sheet and the income account. Assets and finance. Flow of funds statements. Interpretation.

Recommended reading H. C. Edey, *Business Budgets and Accounts*, chaps. 1-3; *Introduction to Accounting*; A. A. Robichek and S. C. Myers, *Optimal Financing Decisions*, chap. 2. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

134 Accounting IIa: Company Accounting

Professor Baxter. Twelve lectures and twenty classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Accounting and Finance*, V 6, 7 and 8 (second year); M.Sc.: Accounting and Finance (preliminary year).

Note Accounting I (Course No. 133) is a prerequisite for Accounting IIa.

Syllabus Company reports and finance: valuation concepts in accounts prepared for legal purposes and their economic significance; capital structure and changes therein; elements of consolidated accounts; problems of changing price levels; the treatment of tax in company accounts; the company audit. The course will include work in the use of compound interest and annuity tables.

Recommended reading The works mentioned under Accounting I, Course No. 133; F. W. Paish, *Business Finance*;

H. C. Edey, "Accounting Principles and Business Reality" (*The Accountant*, August 24 and 31, 1963). Reference may be made to *The Companies Act*, 1948; *Report of the Company Law Committee* (Cmnd. 1749, 1962); H.M.S.O. 1960-62, *Minutes of Evidence taken before the Company Law Committee*; U.S. Government, *Reports of the Securities and Exchange Commissions*; and for compound interest, W. L. Hart, *Mathematics of Investment*. For descriptions of company accounting practice see Rowland, *Principles of Accounts*; E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* or Jones, *Guide to Company Balance Sheets*. For an American approach see M. J. Gordon and G. Shillinglaw, *Accounting: a Management Approach*.

135 Accounting IIb: Management Information Systems

Mr Flower. Twenty meetings, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (second year): *Accounting and Finance*, V 6, 7 and 8.

Note Accounting I (Course No. 133) is a prerequisite for Accounting IIb.

136 Accounting IIc: The Plan of the Firm

Mr Bromwich. Ten lectures and seven classes, Summer Term.

For B.Sc. (Econ.) Part II: *Accounting and Finance*, V 6, 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h (second year).

Syllabus An examination of models of the integrated process of planning and control, with special reference to those of the accountant. Corporate strategy; pricing; budgetary models and simulation; planning and control by feedback; transfer prices as a method of control.

Recommended reading H. C. Edey, *Business Budgets and Accounts*, chaps. 1, 2, 5, 6, 7; M. Spencer and L. Siegelman, *Managerial Economics*, chaps. 3, 10; C. T. Horngren, *Accounting for Management Control*, chaps. 6, 11; R. Mattesich, *Accounting and Analytical Methods*,

chaps. 8 (section 3), 9. Reference may also be made to H. A. Simon, *The New Science of Management Decision*; R. A. Johnson *et al.*, "Systems Theory and Management" (*Management Science*, January 1964); I. Ansoff, "A Quasi-Analytical Model of Long Term Planning" in M. Alexis and C. Wilson, *Organisational Decision Making*; Smelter, "Six Business Lessons from the Pentagon" (*Harvard Business Review*, March 1966); C. R. Bonini, R. K. Jaedicke and H. M. Wagner, *Management Controls: New Directions in Basic Research*; N. W. Chamberlain, *The Firm*; M. Alexis and C. Wilson, *Organisational Decision Making*.

137 Accounting IIIa: Decisions in the Firm

Mr Bromwich. Ten lectures and twelve classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (third year): *Accounting and Finance*, V 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; M.Sc.: *Economic Aspects of Accounting I and II*, I 1; III 4xv; *Management Accounting*, XI 4ii.

Syllabus Cost analysis for decision making; the limitations of cost accounting data. Capital budgeting, including the cost of capital concept and risk and uncertainty in project appraisal; optimal financial structure. Linear programming and business decision budgets.

Recommended reading Relevant parts of: R. N. Anthony, *Management Accounting* (3rd edn.); W. J. Baumol, *Economic Theory and Operations Analysis* (2nd edn.); W. T. Baxter and S. Davidson, *Studies in Accounting Theory* (2nd edn.); H. Bierman and S. Smidt, *The Capital Budgeting Decision* (2nd edn.); J. T. S. Porterfield, *Investment Decisions and Capital Costs*; E. Solomon, *The Management of Corporate Capital*.

138 Accounting IIIb

Professor Baxter. Eighteen meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (third year):

Accounting and Finance, V 7 and 8; M.Sc.: *Economic Aspects of Accounting I and II*, I 1; M.Sc.: *Accounting and Finance* (preliminary year).

Syllabus (1) Accounting. Company accounts; reconstructions; accounting aspects of taxation.

(2) Valuation theory. Valuation of a business, shares, partnership rights, individual assets etc.; measurement of income; depreciation; changing price levels.

Recommended reading W. T. Baxter, "The Accountant's Contribution to the Trade Cycle" (*Economica*, May 1955); relevant parts of W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*; J. C. Bonbright, *The Valuation of Property*, chaps. I to XII, and XXVI. Reference may be made to such standard textbooks as E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (16th edn.); W. Pickles, *Accountancy*; L. R. Dicksee, *Auditing*; T. B. Robson, *Consolidated and Other Group Accounts*; F. R. M. de Paula, *The Principles of Auditing*. Other works will be recommended during the course.

139 History of Accounting

Professor Yamey and Mr de Ste. Croix. Three lectures, at times to be arranged.

For B.Sc. (Econ.) Part II (third year): *Accounting and Finance*, V 7 and 8; M.Sc.: *Economic Aspects of Accounting I and II*, I 1; and others interested.

140 Company Management

Mr Flower. Six meetings. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (third year): *Accounting and Finance*, V 7 and 8.

141 Accounting and Economic Theory (Seminar)

Professor Baxter, Mr Gould, Mr Flower and Mr French. Twelve weekly meetings and a week-end discussion course, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Accounting and Finance*, V 7 and 8; M.Sc.: *Economic Aspects of Accounting I and II*, I 1.

Syllabus Business valuation, cost analysis and other topics of economic analysis and accounting will be discussed.

142 Accounting for Non-Specialists (Revision)

Mr Arnold. Five meetings, Lent Term.

For B.Sc. (Econ.) Part II (third year): *Accounting—Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Management Data Processing*, XI 5, 6 and 7a.

Syllabus Balance sheet and income account; flow of funds. Analysis of financial statements.

Recommended reading H. C. Edey, *Introduction to Accounting*; R. K. Jaedicke and R. T. Sprouse, *Accounting Flows: Income, Funds, and Cash* (relevant chaps.).

143 Financing Problems of the Firm

Mr French. Fifteen meetings, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (second year): *Business Finance*, IV 6, 7 and 8g.

Syllabus A selection of topics relating to such matters as: business forms; taxation as it affects business, investment grants; capital sources; capital structure; problems of growth of the firm.

Recommended reading F. W. Paish, *Business Finance*; J. Bates, *The Financing of Small Business*; Association of Certified and Corporate Accountants, *Sources of Capital*; J. T. S. Porterfield, *Investment Decisions and Capital Costs*; P. A. Bird, "The Provision of Corporate Finance" (*Accountancy*, Nov. 1965–March 1966); I.C.F.C. Booklet, *Capital for Business*; Board of Trade, *Investment Grants*; *Investment Incentives* (Cmnd 2874); C. N. Beattie, *Corporation Tax* (preface and chap. 1); B. Tew, "I.C.F.C. Revisited" (*Economica*, August 1955); "Edith" (*Three Banks Review*, June 1955); R. Frost, "The MacMillan Gap" (*Oxford Economic*

Papers, 1954); relevant sections of the *Report of the U.K. Committee on the Working of the Monetary System* (Radcliffe Report) (Cmnd. 827, 1959). A. Vice, *Balance Sheet for Takeovers* (*Hobart Paper* 3).

144 Business Finance for Trade Union Studies Course

Mr J. W. Smith. Ten meetings, Lent Term.

FOR GRADUATE STUDENTS

148 Business Finance for Diploma in Personnel Management

Mr J. W. Smith. Ten meetings, Michaelmas Term.

149 Selected Topics in Costing, Valuation and Income Measurement

Professor Edey and others. Michaelmas and Lent Terms.

For M.Sc.: *Economic Aspects of Accounting I and II*, I 1; III 4(xv).

150 Simulation Models

Mr Flower.

Michaelmas and Lent Terms.

For M.Sc.: *Economic Aspects of Accounting I and II*; I 1; III 4(xv).

151 Economics of Industry

Professor Yamey.

Michaelmas and Lent Terms.

For M.Sc.: *Economics of Industry*, I 2.

152 Long-Term Planning and Control

Mr Bromwich. Lent Term.

For M.Sc.; *Economic Aspects of Accounting I and II*, I 1; III 4(xv).

153 Topics in Cost-Benefit Analysis

Mr French.

Accounting and Finance

Michaelmas and Lent Terms.

For M.Sc.: *Economic Aspects of Accounting, I and II*; I 1.

154 Budgetary and Cost Control for Non-Specialists

Mr Bromwich. Five lectures and three classes, Lent Term.

For M.Sc.: *Economic Aspects of Accounting, III 4(xv)*; *Management Accounting, XI 4(ii)*.

For M.Sc. (preliminary year) courses in micro-economics and macro-economics see Courses Nos. 57, 57(a), 58 and 58(a). For introduction to accounting for non-specialists see Course No. 133.

Geography

Geography

Geography

Courses are given in the Joint School of Geography at the London School of Economics and at King's College, London. Academic arrangements are integrated and, in most courses, students are taught in common by teachers of both colleges. However, the introduction of separate college syllabuses for the B.Sc. has meant the introduction of separate teaching provision for part of this degree and has involved some re-arrangement of courses for other degrees. All students should take care to identify the courses needed to complete their specific degree requirements. Systematic and regional course units in Geography are given in lists A and B on pages 218-9. Reference to these lists is made in the rubrics of the courses concerned.

COURSES FOR B.Sc. (ECON.) PART I

182 Introduction to Geography
Professor Wise. Thirty-five lectures, Sessional.

Syllabus The development of geographical thought and an outline of the scope and methods of modern geography.

Recommended reading H. J. Wood, *Exploration and Discovery*; G. R. Crone, *Maps and their Makers*; L. D. Stamp, *Applied Geography; Our Developing World*; Griffith Taylor (Ed.), *Geography in the Twentieth Century*; R. E. Dickinson, *City and Region*; R. J. Chorley and P. Haggett (Eds.), *Frontiers in Geographical Teaching*; J. I. Clarke, *Population Geography*; J. H. Johnson, *Urban Geography*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; P. Haggett, *Locational Analysis in Human Geography*.

182(a) Geography Class
Professor Wise, Dr Board and others.

COURSES FOR B.A. (HONOURS), B.Sc. AND B.Sc. (ECON.) PART II

Note: Students reading for B.A. (Honours) and B.Sc. are required to attend three field classes, one in each year of their course. Students reading Geography as a special subject in Part II of the B.Sc. (Econ.) are required to attend two field classes, one in the second and one in the third year of their course. The field classes are normally of one week's duration and are customarily arranged during the Easter vacation.

183 Physical Geography

Compulsory for B.Sc. (first year): 1 course unit.

I Landforms

Dr Embleton, Dr Brunsden, Dr Thornes and Mr D. K. C. Jones. Twenty-five lectures, Sessional.

Syllabus The nature and effects of tectonic and erosional processes in the evolution of landscape.

Recommended reading A. Holmes, *Principles of Physical Geology*; B. W. Sparks, *Geomorphology*; W. D. Thornbury, *Principles of Geomorphology*; C. A. M. King, *Beaches and Coasts*; C. A. M. King, *Techniques in Geomorphology*.

II Meteorology and Climatology

Dr Jackson and Mr Hay. Twenty-five lectures, Sessional.

Syllabus Elementary and descriptive meteorology. An introduction to the principles of physical and dynamic climatology. The elements of micro-climatology.

Recommended reading G. T. Trewartha, *An Introduction to Climate*; H. Riehl, *Introduction to the Atmosphere*; G. T. Trewartha, *The Earth's Problem Climates*; R. G. Barry and R. J. Chorley, *Atmosphere, Weather and Climate*; H.M.S.O., *A Course in Elementary Meteorology*.

III Biogeography

Mrs Whatley.

Twenty-five lectures, Sessional.

Syllabus A survey of the soil forming processes and their results. The world soil and vegetation groups. The principles of ecology as applied to some major ecological systems of the world.

Recommended reading R. L. Donahue, *Soils*; C. S. Elton, *Animal Ecology* (1966 reprint); S. R. Eyre, *Vegetation and Soils*; J. R. Matthews, *Origin and Distribution of the British Flora*; E. P. Odum, *Ecology* (Modern Biology Series); A. G. Tansley, *The British Isles and their Vegetation*; B. Wallace and A. M. Srb, *Adaptation*; (Foundations of Modern Biology Series).

184 Man and his Physical Environment

Dr Jackson, Mr D. K. C. Jones and Dr Thornes. Twenty-five lectures, Sessional. This course may not be given every year.

For B.Sc. (Econ.) Part II: special subject Geography (second year).

Syllabus An introduction to concepts and methods in various branches of physical geography, and their application.

Recommended reading will be given during the course.

185 Economic Geography: I

Dr J. E. Martin and others.

Twelve lectures, Michaelmas and Lent Terms. This course will be given in the day and in the evening in the session 1968-69.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f; XV 5 (second year); B.Sc., A6, with 185(a): $\frac{1}{2}$ course unit, (second or third year).

Syllabus Concepts and methods of economic geography. The nature of resources and their exploitation. The geography of energy and of mineral production.

Recommended reading E. W. Zimmermann, *World Resources and Industries*; M. Chisholm, *Geography and Economics*; H. Boesch, *A Geography of World*

Economy; P. R. Odell, *An Economic Geography of Oil*; E. S. Simpson, *Coal and the Power Industries in Postwar Britain*; G. Manners, *The Geography of Energy*; H. H. McCarty and J. B. Lindberg, *A Preface to Economic Geography*.

185(a) Economic Geography: I (Class)

Twelve classes, Michaelmas and Lent Terms.

For B.A.: *Economic Geography*, 7 and 8(v) Paper I (third year); B.Sc., A 6 (second or third year).

185(b) Economic Geography (Class)

Dr J. E. Martin.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f (second and third years).

186 Economic Geography: II

Mr Sinclair. Twelve lectures, Lent and Summer Terms, beginning in the third week of the Lent Term.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f; XV 5 (second year); B.Sc., A 7, with 186(a): $\frac{1}{2}$ course unit (second or third year).

Syllabus Concepts and methods in the geography of agriculture. The evolution, location and structure of systems of commercial agriculture.

Recommended reading L. Symons, *Agricultural Geography*; A. N. Duckham, *The Fabric of Farming*; M. Chisholm, *Rural Settlement and Land Use*; J. W. Alexander, *Economic Geography*; R. Dumont, *Types of Rural Economy*; A. Martin, *Economics and Agriculture*.

186(a) Economic Geography: II (Class)

Ten classes, Lent and Summer Terms, beginning in the third week of the Lent Term.

For B.A.: *Economic Geography*, 7 and

8(v) Paper I (third year); B.Sc., A 7 (second or third year).

187 Economic Geography: III

Dr J. E. Martin and Dr Estall.

Twenty Lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Geography*, I 3g; III 3c; XIV 3f; XV 5; B.A.: *Economic Geography*, 7 and 8(v) Paper II; B.Sc. A 8, with 187(a): $\frac{1}{2}$ course unit (third year).

Syllabus The location of economic activity. The economic geography of industry. Industrial complexes. The elements of the geography of transport.

Recommended reading E. M. Hoover, *The Location of Economic Activity*; R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography*; P. Haggett, *Locational Analysis in Human Geography*; D. W. Fryer, *World Economic Development*; J. W. Alexander, *Economic Geography*; N. J. G. Pounds, *The Geography of Iron and Steel*; U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources*; C. D. Foster, *The Transport Problem*; *The Transport Needs of Great Britain in the Next Twenty Years* (Hall Report), H.M.S.O., 1963; British Railways Board, *The Reshaping of British Railways* (Beeching Report); British Railways Board, *The Development of the Major Railway Trunk Routes*, 1965; U.K. Ministry of Transport, *Traffic in Towns* (Buchanan Report); D. St. J. Thomas, *The Rural Transport Problem*; K. R. Sealy, *The Geography of Air Transport*; B. T. Bayliss, *European Transport*; F. E. I. Hamilton, *Yugoslavia*; P. Haggett and R. Chorley (Eds.), *Models in Geography* (chaps. 7-12).

187(a) Economic Geography: III (Class)

Dr J. E. Martin. Ten classes, Michaelmas and Lent Terms.

For B.A.: *Economic Geography*, 7 and 8(v) Paper II; B.Sc., A 8 (third year).

188 Economic Geography: IV

An intercollegiate course. At

Birkbeck College.

Professor Wise and others.

For B.Sc. (Econ.) Part II: *Economic Geography*, XV 5; B.A.: *Economic Geography*, 7 and 8(v) Papers I and II (third year); B.Sc., in connection with Economic Geography I, II and III (second or third year).

189 Human Geography: I

Dr Morgan. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: special subject Geography; *Historical Geography*, VI 8i; VII 7 and 8k; XIV 3e (second year). Compulsory for B.Sc.; with 190: 1 course unit (first year).

Syllabus An introduction to the field of human geography, more especially to the geography of population and to the geography of society. The course will provide a basis for subsequent work in such optional subjects as social, economic and political geography.

Recommended reading R. Arvill, *Man and Environment*; A. Barnett, *The Human Species*; A. M. Bates, *Man in Nature*; Vidal de la Blache, *Principles of Human Geography*; E. Boserup, *The Conditions of Agricultural Growth*; A. M. Carr-Saunders, *World Population*; M. Chisholm, *Rural Settlement and Land Use*; J. I. Clarke, *Population Geography*; C. D. Forde, *Habitat, Economy and Society*; P. Haggett, *Locational Analysis in Human Geography*; J. M. Houston, *A Social Geography of Europe*; E. Jones, *Human Geography*; W. L. Thomas Jr., *Man's Role in Changing the Face of the Earth*; P. L. Wagner, *The Human Use of the Earth*; P. L. Wagner and M. W. Mikesell, *Readings in Cultural Geography*; W. Zelinsky, *A Prologue to Population Geography*.

190 Human Geography: II

Dr Lambert and Dr Yates.

Twenty-five lectures, Sessional.

Compulsory for B.Sc. (first year). To be taken in conjunction with Course No. 189.

Syllabus A general study of the inter-relation between man and his physical environment from earliest times.

Geography

Recommended reading G. Clarke, *World Prehistory: An Outline*; V. G. Childe, *What Happened in History*; W. G. East, *The Geography Behind History*; An *Historical Geography of Europe*; H. Heaton, *Economic History of Europe*; J. L. Myres, *The Dawn of History*; *Geographical History in Greek Lands*; K. P. Oakley, *Man the Toolmaker*; F. W. Walbank, *The Decline of the Roman Empire in the West*; M. Postan and E. Rich (Eds.), *Cambridge Economic History*, Parts I and II, *The Middle Ages*; H. Pirenne, *Mohammed and Charlemagne*; *Economic and Social History of Mediaeval Europe*; P. Boissonade, *Life and Work in Mediaeval Europe*.

191 Map Analysis and Quantitative Techniques in Geography

Dr Board and Dr Jackson. Twenty lectures, Michaelmas and Lent Terms.

Compulsory for first-year B.Sc. students registered at the London School of Economics; with 191(a): 1 course unit. For B.Sc. (Econ.) Part II: *Physical Geography*, XV 4 (second year), Michaelmas Term only.

Syllabus (i) An introduction to geographical statistics; aids to calculation; the diagrammatic presentation of statistical material.

(ii) Map design and utilization; maps as means of communication and as tools for research.

Recommended reading A. H. Robinson, *Elements of Cartography* (2nd edn.); F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; S. Gregory, *Statistical Methods and the Geographer*; D. Huff, *How to Lie with Statistics*; M. J. Moroney, *Facts from Figures*; W. J. Reichmann, *Use and Abuse of Statistics*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*.

191(a) Map Analysis and Quantitative Techniques in Geography (Practical)

Dr Board, Dr Thornes and Mr Goddard. Fifty classes (25 in the first year and 25 in the second year).

Compulsory for first-year B.Sc. students registered at the London School of Economics.

Syllabus The use of statistical methods and computers in the investigation of geographical patterns and problems; the analysis of information presented on topographic and thematic maps, both British and foreign; techniques of map making.

Recommended reading A. H. Robinson, *Elements of Cartography*; P. Haggett, *Locational Analysis in Human Geography*; C. A. M. King, *Techniques in Geomorphology*; F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*.

191(b) Practical Mapwork

Mr D. K. C. Jones and others. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Physical Geography*, XV 4 (second year).

Syllabus The types and scales of published maps, both British and foreign, and the techniques of their preparation. Cartographic methods of representing economic, climatic and other geographical data. The interpretation of topographical, geological, land-use and other maps. Practical exercises in construction and interpretation of maps of various types are essential requirements and will be related to other aspects of the course work for Part II.

Recommended reading F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams*; G. C. Dickinson, *Statistical Mapping and the Presentation of Statistics*.

192 Cartography and Surveying

Professor Pugh and Mr Lawrence. Twenty-five lectures, Sessional, with field work in the third term.

Compulsory for first-year B.Sc. students registered at King's College.

Syllabus The principles and methods of construction of map projections. General principles of topographic survey, with practical field work using survey instruments.

Geography

Recommended reading A. H. Jameson and M. T. M. Ormsby, *Elementary Surveying and Map Projection*; J. A. Steers, *An Introduction to the Study of Map Projections*; F. Debenham, *Map Making*; A. R. Hinks, *Maps and Survey*; W. Norman Thomas, *Surveying*; *The Admiralty Manual of Hydrographic Surveying*; J. Mainwaring, *An Introduction to the Study of Map Projection*; D. Clark, *Plane and Geodetic Surveying*, Vol. I.

192(a) Cartography and Surveying (Practical)

Mr Lawrence. Twenty-five classes, Sessional.

Compulsory for first-year B.Sc. students registered at King's College. In connection with Course No. 192.

193 British Isles

Professor Wise, Dr Embleton, Mr Sinclair and Mr D. K. C. Jones. Forty lectures, Michaelmas and Lent Terms.

Compulsory for B.Sc. (second year). Appropriate sections for B.Sc. (Econ.) Part II: *The British Isles*, XV 6 (second year).

Syllabus A detailed treatment of the major regions of the British Isles. Appreciation of the conditions, physical, social and economic, that have influenced the modern pattern of settlement and land use. Special studies of selected industrial and agricultural areas. The modern economic geography of Britain, including distribution of population, location pattern of selected industries, evolution of the present pattern of land use.

Recommended reading L. D. Stamp and S. H. Beaver, *The British Isles*; J. B. Mitchell (Ed.), *Great Britain: Geographical Essays*; A. E. Trueman, *The Scenery of England and Wales*; U.K. Geological Survey and Museum, *British Regional Geology*; L. D. Stamp, *The Land of Britain: Its Use and Misuse*; Land Utilisation Survey of Britain, *The Land of Britain*; Wilfrid Smith, *An Economic Geography of Great Britain*; T. W. Freeman, *Ireland*; A. E. Trueman, *The*

Coalfields of Great Britain; E. G. Bowen (Ed.), *Wales*; A. E. Smailes, *North England*; J. A. Steers (Ed.), *Field Studies in the British Isles*; J. W. Watson and J. B. Sissons (Eds.), *The British Isles*; E. S. Simpson, *Coal and the Power Industries in Postwar Britain*; J. T. Coppock and H. Prince (Eds.), *Greater London*; K. M. Clayton (Ed.), *Guide to London Excursions*; J. T. Coppock, *An Agricultural Atlas of England and Wales*; Clarendon Press, *Atlas of Britain*.

194 An Introduction to the Geography of Europe

Professor Harrison Church and Mr Lawrence. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Europe*, XV 7 (second year).

Syllabus This course forms an introduction to a full course on Western and Central Europe to be given in the following year. Topics for study during the summer vacation will be suggested.

Recommended reading G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*; T. H. Elkins, *Germany*.

195 Europe (excluding the U.S.S.R.)

For B.A.; B.Sc. (second or third year). The maximum number of course units on Europe is 1½. Options (ii) and (iii) are for B.Sc. (Econ.) Part II—*Europe*, XV 7 (third year).

(i) Europe (excluding the U.S.S.R.): General Regional Geography

Dr Yates, Mr Sinclair and others. Twenty-five lectures, Sessional.

For B.Sc., B 4. This course is a prerequisite for students taking 195 ii, iii, iv, v or vi.

Recommended reading G. W. Hoffman (Ed.), *A Geography of Europe*; M. R. Shackleton, *Europe*; F. J. Monkhouse, *A Regional Geography of Western Europe*.

(ii) Western Europe (France, Belgium, Netherlands, Luxembourg)

Professor Harrison Church, Dr J. E. Martin and Mr Lawrence. Twenty-five lectures, Sessional. This course will be given in the day and in the evening in the session 1968-69.

For B.Sc., B 5: $\frac{1}{2}$ course unit.

Recommended reading R. J. Harrison Church and others, *An Advanced Geography of Northern and Western Europe*; P. Pinchemel, *Géographie de la France*, 2 vols; G. Chabot, *Géographie Régionale de la France*; M. Le Lannou, *Les Régions Géographiques de la France*; P. George, *La France*.

(iii) West Central Europe, (Germany, Austria, Switzerland, Netherlands)

Dr Yates. Michaelmas and Lent Terms. This course will be given in the day and in the evening in the session 1968-69.

For B.Sc., B 6: $\frac{1}{2}$ course unit.

(iv) West Mediterranean Europe (Spain, Portugal, Italy, Mediterranean France)

Mr Sinclair. Michaelmas Term. This course will not be given in the session 1968-69.

For B.Sc., B 7: $\frac{1}{2}$ course unit.

Recommended reading J. M. Houston, *The Western Mediterranean World*; D. S. Walker, *Italy*; J. P. Cole, *Italy*; W. B. Fisher and H. Bowen-Jones, *Spain: a Geographical Background*.

(v) Northern Europe (Denmark, Norway, Sweden, Finland, Iceland)

Mr Sinclair. Twenty-five lectures, Lent and Summer Terms.

For B.Sc., B 8: $\frac{1}{2}$ course unit.

Recommended reading A. Sømme (Ed.), *A Geography of Norden*; W. R. Mead, *An Economic Geography of the Scandinavian States and Finland*; R. Millward, *Scandinavian Lands*.

(vi) East Central Europe (East Germany, Poland, Czechoslovakia, Hungary, Rumania, Yugoslavia)

Dr Hamilton. Fifteen lectures, Michaelmas and Lent Terms. This course will not be given in the session 1968-69.

For B.Sc., B 9: $\frac{1}{2}$ course unit.

Recommended reading R. H. Osborne, *East-Central Europe: A Geographical Introduction to Seven Socialist States*; H. G. Wanklyn, *The Eastern Marchlands of Europe*; M. I. Newbiggin, *Geographical Aspects of Balkan Problems*; M. R. Shackleton, *Europe: A Regional Geography* (7th edn.); N. J. G. Pounds, *The Upper Silesian Industrial Region*; G. W. Hoffman, *The Balkans in Transition*; M. Pécsi and B. Sárfalvi, *The Geography of Hungary*; F. E. I. Hamilton, *Yugoslavia: Patterns of Economic Activity*.

196 North America I: Geographical Patterns of Resources and Economic Development

Dr Estall. Twenty lectures, Michaelmas Term.

For B.Sc., B 13 (second year); B.Sc. (Econ.) Part II: *North America*, XV 8d (i); B.A. (third year).

Syllabus A systematic review of the changing physical and human resources of the continent; an analysis of developments in leading sectors of the economy.

Recommended reading General texts: J. Wreford Watson, *North America: Its Countries and Regions*; W. R. Mead and E. H. Brown, *The United States and Canada*; J. H. Paterson, *North America*; C. L. White and E. J. Foscue, *Regional Geography of Anglo-America*; Oxford Regional Economic Atlas, *The United States and Canada*; Special topics: C. Taeuber and I. Taeuber, *The Changing Population of the U.S.A.*; M. Clawson, R. B. Held and C. H. Stoddard, *Land for the Future*; E. Higbee, *American Agriculture*; L. Haystead and G. C. Fite, *Agricultural Regions of the United States*; C. M. Green, *The Rise of Urban America*; R. E. Murphy, *The American City*. References to periodical literature will be given during the course.

196(a) North America: I (Classes)

For B.Sc.

197 North America II: Regional Studies of Economic Growth and Change

Dr Estall and Dr Jackson. Twenty lectures, Lent Term.

For B.Sc., B 14; B.Sc. (Econ.) Part II: *North America*, XV 8d(i); B.A. (third year).

Syllabus A detailed analysis of the economic and social geography of selected regions and contrasting regional problems.

Recommended reading General texts: as for Course 196. Special studies: H. S. Perloff, E. S. Dunn, E. E. Lampard and R. F. Muth, *Regions, Resources and Economic Growth*; R. C. Estall, *New England, A Study in Industrial Adjustment*; J. R. Ford (Ed.), *The Southern Appalachian Region: A Survey*; J. F. Hart, *The Southern United States*; L. M. Alexander, *The North Eastern United States*; J. Gottman, *Megalopolis*; J. H. Garland (Ed.), *The North American Midwest*; D. W. Lantis, R. Steiner and A. E. Karinen, *California: Land of Contrast*. References to periodical literature will be given during the course.

197(a) North America: II (Classes)

For B.Sc.

198 Monsoon Asia

Mr Rawson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: *Monsoon Asia*, XV 8d (ii); B.A. (third year); B.Sc., B 11 (second or third year): $\frac{1}{2}$ course unit.

Syllabus Studies of environment and society in the countries from West Pakistan to Manchuria, inclusive. Treatment will be on a country-and-topic basis, with more detailed study of selected regions; some work on large-scale maps will be included.

Recommended reading W. G. East and O. H. K. Spate (Eds.), *The Changing Map of Asia*; A. D. C. Peterson, *The Far East*; J. Sion, *Asie des Moussons (Géographie Universelle, Tome IX, Pts. 1 and 2)*; L. D. Stamp, *Asia*; O. H. K. Spate, *India and Pakistan*; E. H. G. Dobby, *South East Asia*; J. E. Spencer, *Asia East by South*; G. B. Cressey, *Land of the 500*

Million, A Geography of China; O. Lattimore, *Inner Asian Frontiers of China*; G. T. Trewartha, *Japan*; E. A. Ackerman, *Japan's Natural Resources*; A. Pim, *Colonial Agricultural Production*; B. H. Farmer, *Pioneer Peasant Colonization in Ceylon*; R. R. Rawson, *The Monsoon Lands of Asia*; B. W. Hodder, *Man in Malaya*; C. A. Fisher, *South-east Asia*; H. C. Hart, *New India's Rivers*; N. Ahmad, *The Economic Geography of East Pakistan*. Other literature will be suggested during the course.

199 Africa I (General)

Professor Harrison Church, Professor Pugh, Dr Board and Dr W. B. Morgan. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: *Africa*, XV 8d (iii); B.A. (third year); B.Sc., B 1 (second year): $\frac{1}{2}$ course unit.

Syllabus A study of the physical environment and of the distribution of man and his economic activities, especially south of the Sahara. Treatment will be by topics and by countries.

Recommended reading W. A. Hance, *The Geography of Modern Africa*; R. J. Harrison Church and others, *Africa and the Islands*; H. de Blij, *A Geography of Sub-Saharan Africa*; J. M. Houston, *Western Mediterranean World*; J. Despois, *L'Afrique du Nord*; R. J. Harrison Church, *West Africa*; K. M. Buchanan and J. C. Pugh, *Land and People in Nigeria*; L. C. King, *South African Scenery* (2nd edn.); L. P. Green and J. D. Fair, *Development in Africa*.

200 Africa II (West)

Professor Harrison Church and Dr W. B. Morgan. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. B 2 (third year): $\frac{1}{2}$ course unit; M.A. (Area Studies); M.Sc.: *Geography of a particular Region*, VI 2 (vi).

Syllabus A detailed study of West and West-Central Africa, with emphasis on the parts played by the physical and cultural environments in economic development.

Recommended reading R. J. Harrison

Geography

Church, *West Africa*; K. M. Buchanan and J. C. Pugh, *Land and People in Nigeria*.

201 Africa III (Southern)

Dr Board. Fifteen lectures with practical work, Michaelmas and Lent Terms.

For B.Sc., B 3 (third year): $\frac{1}{2}$ course unit.

Syllabus An examination of locational concepts in the regional framework of Southern Africa.

Recommended reading L. P. Green and T. J. D. Fair, *Development in Africa: A Study in Regional Analysis with Special Reference to Southern Africa*; South Africa, Department of Planning, *Development Atlas*.

202 Latin America

This course will not be given in the session 1968-69.

For B.Sc. (Econ.) Part II: *Latin America*, XV 8d (iv); B.A. (third year); B.Sc., B 12 (second or third year): $\frac{1}{2}$ course unit.

Also for candidates taking Geography as a minor subject in the M.A. in Latin American Studies.

Syllabus The evolution of man's occupation; of patterns of settlement; of states and the distribution of economic activities. Studies of selected topics with particular attention to spatial imbalance in the development of the more important countries.

Recommended reading Students should be familiar with P. E. James, *Latin America*; G. J. Butland, *Latin America: A Regional Geography*; J. P. Cole, *An Economic and Social Geography of Latin America*.

203 The Soviet Union

Dr Hamilton. Sessional. This course will not be given in the session 1968-69.

For B.A. (third year); B.Sc., B 10 (second or third year): $\frac{1}{2}$ course unit.

Recommended reading J. P. Cole and F. C. German, *A Geography of the U.S.S.R.*; R. H. Mellor, *The Geography of the U.S.S.R.*; Yu. G. Saushkin, *An*

Economic Geography of the Soviet Union; S. Balzak, F. Vasyutin and Ya. Feigin, *Economic Geography of the U.S.S.R.*; W. G. East, *The Soviet Union*; M. R. Shackleton, *Europe: A Regional Geography* (7th edn., Ed. W. G. East); D. J. M. Hooson, *The Soviet Union: A Regional Geography*; J. P. Cole, *The Geography of the U.S.S.R.* (Pelican Books); Violet Connelly, *Beyond the Urals*; A. Nove and J. Newth, *Soviet Central Asia*.

204 Australia and New Zealand

Dr Brunnsden and Dr Morley.

Twenty-five lectures with practical work, Sessional.

For B.A.: *Australia, New Zealand and Oceania*, 6(ii) (third year) B.Sc., B 16 (second or third year): $\frac{1}{2}$ course unit.

205 Advanced Geomorphology: I

Dr Embleton, Dr Brunnsden, Dr Thornes and Mr D. K. C. Jones. Forty lectures or seminars, Michaelmas and Lent Terms.

For B.Sc., A 1 (second year): 1 course unit.

206 Advanced Geomorphology: II

Dr Embleton, Dr Brunnsden, Dr Thornes and Mr D. K. C. Jones. Twenty lectures, Michaelmas and Lent Terms.

For B.A.: *Geomorphology*, 7 and 8(ii); B.Sc., A 2, with 206(a): $\frac{1}{2}$ course unit (third year).

Syllabus Selected regional studies, including the British Isles, illustrating systematic aspects of geomorphology. Advanced Geomorphology I is a prerequisite.

206(a) Geomorphology: Discussion Class

Dr Embleton, Dr Thornes, Dr Brunnsden and Mr D. K. C. Jones. Ten meetings, Lent Term.

For B.A.: *Geomorphology*, 7 or 8(ii); B.Sc., A 2 (third year).

Geography

207 Geomorphology

Twenty lectures, Michaelmas and Lent Terms. An intercollegiate course. At Birkbeck College.

For B.A.: *Geomorphology*, 7 and 8(ii) (third year); B.Sc., A 1 and 2 (second year).

208 Meteorology and Climatology

Dr Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course. At University College.

For B.Sc., A 3, with 208(a): 1 course unit (second year).

Recommended reading H. C. Willett and F. Sanders, *Descriptive Meteorology*; G. T. Trewartha, *The Earth's Problem Climates*; S. L. Hess, *Introduction to Theoretical Meteorology*; W. D. Sellers, *Physical Climatology*.

208(a) Meteorology and Climatology (Classes)

In conjunction with Course No. 208.

209 Climatic Change

Dr Jackson and others. Fifteen lectures, Michaelmas and Lent Terms. An intercollegiate course. At the London School of Economics.

For B.Sc., A 4, with 209(a): $\frac{1}{2}$ course unit (third year).

Recommended reading H. H. Lamb, *The Changing Climate*; *Proceedings of the UNESCO-WMO Symposium on Climatic Change in the Arid Zones* (UNESCO 1962); R. Fairbridge (Ed.), *Solar Variations, Climatic Change and Related Geophysical Phenomena* (New York Academy of Sciences, 1961); A. E. M. Nairn (Ed.), *Problems in Paleoclimatology*.

209(a) Climatic Change (Classes)

In conjunction with Course No. 209.

Note Teaching for other branches of Meteorology and Climatology will be provided at other colleges of the University and is open to all

students. Further information may be obtained from Dr Jackson; not all courses will be available in any one session.

210 Biogeography: I

Dr Yates, Dr Rose and Mrs Whatley. An intercollegiate course. At King's College.

For B.A.: *Plant Geography*, 7 and 8 (iv) Paper I (third year); B.Sc., A 15 (second year): $\frac{1}{2}$ course unit.

211 Biogeography: II

Dr Yates, Dr Rose and Mrs Whatley. An intercollegiate course. At King's College.

For B.A.: *Plant Geography*, 7 and 8(iv) Paper II; B.Sc., A 16 (third year): $\frac{1}{2}$ course unit.

Note Attendance at a field class in Plant Geography is a compulsory part of the course.

212 Historical Geography: British Isles

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II: *Historical Geography*, VI 8i; VII 7 and 8k; XIV 3e; XV 8b (third year); B.Sc., A 13, with 212(a): $\frac{1}{2}$ course unit (second or third year).

Syllabus A study of the historical geography of the British Isles, with special reference to England.

Recommended reading W. G. East, *The Geography behind History*; J. B. Mitchell, *Historical Geography*; H. C. Darby (Ed.), *An Historical Geography of England before 1800*; W. G. Hoskins, *The Making of the English Landscape*.

212(a) Historical Geography (Class)

Dr Lambert. Twenty classes, Michaelmas and Lent Terms.

213 Historical Geography: Western and Central Europe

Dr Lambert. Sessional.

Geography

For B.Sc., A 14 (second or third year): $\frac{1}{2}$ course unit; B.A., *Historical Geography, Western and Central Europe*, 7 and 8(vi), Paper II (third year):

Syllabus A study of the interrelations of man and his environment since prehistoric times with special reference to the part played by man's activities in adapting the landscape to his needs, and considering also the geographical significance of political and administrative divisions.

Recommended reading W. G. East, *An Historical Geography of Europe; The Geography behind History*; C. A. Smith, *Historical Geography of Western Europe*; E. A. Freeman, *The Historical Geography of Europe; Cambridge Economic History of Europe*, Vol. I, especially chaps. 1, 2, 3, 6 and 8; *Cambridge Medieval History of Europe*, Vol. I, chap. 13; Vol. V, chap 5; Vol. VI, chaps. 14 and 15; Vol. VII, chaps. 8, 9 and 24; W. L. Thomas (Ed.), *Man's Role in Changing the Face of the Earth*; J. H. Clapham, *The Economic Development of France and Germany*; B. H. Slicher van Bath, *The Agrarian History of Western Europe, A.D. 500-1850*.

214 History of Geographical Science and Discovery: I

An intercollegiate course. At Birkbeck College.

For B.A.: *History of Geographical Science and Discovery*, 7 and 8(vii), Paper I (third year); B.Sc., A 18 (second or third year): $\frac{1}{2}$ course unit.

Syllabus The development of geographical concepts and methods since A.D. 1300 with special emphasis on the interrelation between ideas and discoveries.

215 History of Geographical Science and Discovery: II, Polar Exploration

Dr Jackson and others. An inter-collegiate course. At the London School of Economics.

For B.A.: *History of Geographical Science and Discovery*, 7 and 8(vii), Paper II (c) (third year); B.Sc., A 19 (second or third year).

Syllabus A study of Polar Exploration, with reference to original sources.

Note Teaching for other aspects of the subject will be provided at Birkbeck College.

216 Geography and Planning

Sessional. An intercollegiate course.

For B.A.: *Applied Geography*, 7 and 8(x); B.Sc. (Econ.) Part II: special subject Geography; B.Sc., A 17 (third year): $\frac{1}{2}$ course unit; M.Sc.: *Geographical Aspects of Regional and Urban Planning*, XIII 3.

Syllabus The application of geographical methods to problems of regional survey and land use planning.

Recommended reading L. D. Stamp, *The Land of Britain: its Use and Misuse; Land Use in an Urban Environment (Town Planning Review Special Issue No. 32, 1961-2)*; P. J. O. Self, *Cities in Flood*; J. B. Cullingworth, *Housing Needs and Planning Policy; Town and Country Planning in England and Wales*; R. H. Best and J. T. Coppock, *The Changing Use of Land in Britain*; G. P. Wibberley, *Agriculture and Urban Growth*; "The Regional Problem" (*National Institute Economic Review*, August 1963); P. Haggett, *Locational Analysis in Human Geography*; W. Luttrell, *Factory Location and Industrial Movement*, Vol. I; R. E. Dickinson, *City and Region*; *The South East Study; The National Plan* (chap. 8); T. E. H. Williams (Ed.), *Urban Survival and Traffic; A New Town in Mid-Wales*; D. Senior (Ed.), *The Regional City*; P. Hall, *The World Cities*; Institution of Civil Engineers, *Proceedings of Highway Engineering Conference*; S. Chapin, *Urban Land Use Planning*; P. M. Hauser and L. F. Schnore, *The Study of Urbanization*; J. R. Meyer, J. F. Kain and M. Wohl, *The Urban Transportation Problem*; W. Owen, *The Metropolitan Transportation Problem*; E. M. Hoover and R. Vernon, *Anatomy of a Metropolis*.

217 Social Geography

Professor Jones. Sessional.

For B.Sc. (Econ.) Part II: *Social Geography*, XV 8c (third year); B.Sc., A 9 (second or third year): $\frac{1}{2}$ course unit.

Syllabus A study of the relationships of social groups with their environments and

Geography

the regional differentiation of such relationships.

Recommended reading P. M. J. Vidal de la Blache, *Principles of Human Geography*; R. Firth, *Human Types*; I. Bowen, *Population*; J. Beaujeu-Garnier, *Géographie de la Population*; R. E. Dickinson, *City and Region*; W. A. Gauld, *Man, Nature and Time*; A. H. Hawley, *Human Ecology*; J. Houston, *A Social Geography of Europe*.

218 The Geography of Urban and Rural Settlement

Dr Morley. Twenty lectures and classes, Michaelmas and Lent Terms.

For B.A.: *Geography of Settlement*, 7 and 8(ix) (third year).

Syllabus A theoretical approach to settlement studies. The conceptual bases for theories of urban and rural settlement. The analysis of models of settlement growth, form and function.

Recommended reading B. J. L. Berry and A. Pred, *Central Place Studies; A Bibliography of Theory and Application* (1965 edn.); P. Haggett, *Locational Analysis in Human Geography*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*.

219 The Urban System

Dr Morley. Twenty-five lectures, Sessional. This course will involve practical classes.

For B.Sc., A 11 (second or third year): $\frac{1}{2}$ course unit.

Syllabus An examination of the form and operation of the city region set within the context of a general systems theory approach. The basic components of the urban system will be defined and associated models discussed.

Recommended reading R. J. Chorley and P. Haggett (Eds.), *Models in Geography*; B. J. L. Berry and D. F. Marble (Eds.), *Spatial Analysis*; W. L. Garrison and D. F. Marble (Eds.), *Quantitative Geography*, Vol. I; P. Haggett, *Locational Analysis in Human Geography*.

220 Geography of Rural Settlement Twenty-five lectures, Sessional. An intercollegiate course. At Queen Mary College.

For B.Sc., A 12 (second or third year).

221 Urban Geography

Professor Jones and others. Sessional. An intercollegiate course. At the London School of Economics.

For B.A.: *Geography of Settlement*, 7 and 8(ix) Paper II; B.Sc., A 10 (third year): $\frac{1}{2}$ course unit.

Syllabus The history, morphology, economic base and social geography of cities, together with their regional relations.

Recommended reading A. E. Smailes, *The Geography of Towns*; E. Jones, *Towns and Cities*; R. E. Dickinson, *City and Region*; L. Mumford, *The City in History*; R. Murphy, *The American City*; G. Sjoberg, *The Pre-Industrial City*; A. B. Gallion and S. Ersner, *The Urban Pattern*; P. Self, *Cities in Flood*; L. Reissmair, *The Urban Process*; A. T. Reiss and P. K. Hatt, *Cities and Society*; Centre for Urban Studies, London, *Aspects of Change*; E. Jones, *A Social Geography of Belfast*; G. A. Theodorson, *Studies in Human Ecology*.

222 Transport Geography (Class)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economics and History of Transport*, XV 8e (third year).

223 Political Geography: I

Sessional.

For B.Sc. (Econ.) Part II: *Political Geography*, XV 8a (third year); B.Sc., A 20 (second or third year): $\frac{1}{2}$ course unit.

Syllabus A general study of the interaction between geographical factors and the state, including such aspects as territorial organization and expansion, demographic considerations and strategic factors. A closer study will be made of one or more areas.

Recommended reading N. J. G. Pounds,

Geography

Political Geography; Y. M. Goblet, *Political Geography and the World Map*; A. E. F. Moodie, *Geography behind Politics*; S. van Valkenburg and C. L. Stotz, *Elements of Political Geography*; Hans W. Weigert and others, *Principles of Political Geography*; W. G. East and A. E. Moodie (Eds.), *The Changing World*. Other literature will be suggested during the course.

224 Political Geography: II—Frontiers and Boundaries and the Political Geography of a Selected Area

Professor Harrison Church and others. Sessional.

For B.Sc. (Econ.) Part II: *Political Geography*, XV 8a; B.A.: *Political Geography*, 7 and 8(viii) Paper II; B.Sc., A 21 (third year): $\frac{1}{2}$ course unit.

225. Mathematical Geography and Surveying: II

Fifty lectures. An intercollegiate course.

For B.A.: *Mathematical Geography and Surveying*, 7 and 8(i) (Two-Paper Option) (third year).

226 Geography Seminar

Dr Estall and others. Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject Geography (second year).

227 Geography Seminar

Professor Wise and Mr Sinclair. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject Geography (third year). Discussion on special areas and topics.

228 Geography Seminar

Professor Jones and Professor Pugh. Sessional.

For B.A.; B.Sc. (third year).

FOR GRADUATE STUDENTS

Note Courses 229–234 are intended primarily for students reading Geography for M.Sc. All M.Sc. students should consult their advisers in selecting courses which meet the specific requirements of their degree syllabus.

229 Geographical Thought and Practice

Dr Board and others. Sessional.

A course of lectures and discussions on methodology.

For M.Sc.: *Modern Geographical Thought and Practice*, VI 1; *Geographical Aspects of Regional and Urban Planning*, XIII 3. Students reading for other degrees may attend particular meetings by permission of Dr Board.

229(a) Geographical Thought and Practice (Class)

Dr Board and Mr Goddard. Michaelmas and Lent Terms.

A class on the theory and practice of geographical research.

For M.Sc.: *Modern Geographical Thought and Practice*, VI 1; *Geographical Aspects of Regional and Urban Planning*, XIII 3. Open to other students by permission of Dr Board.

230 Geography of Agriculture

Mr Sinclair. Ten seminars, Lent Term.

Syllabus Environmental studies of subsistence and commercial agriculture. Agricultural development and the analysis of changes in the structure of agricultural activity.

231 Geography of Industry

Dr J. E. Martin.

232 Transport Studies (Seminar)

Lecturer to be announced.

233 Urban Geography

Professor Jones.

Geography

Also optional for M.Sc.: Regional and Urban Planning Studies.

234 Geography of Energy

Syllabus Studies of the changing spatial patterns of energy production and consumption. The role of energy in regional economic development.

235 Regional Problems in the United States

Dr Estall.

Syllabus An analysis of the processes of industrial change and of the regional problems arising therefrom.

Also optional for M.Sc.: Regional and Urban Planning Studies.

236 Aerial Photography in Geographical Studies

Mr Rawson. Admission by permission of Mr Rawson.

237 Regional and Urban Planning Problems

Professor Day, Professor Self and others. An interdepartmental seminar. Lent and Summer Terms.

For M.Sc.: Regional and Urban Planning Studies.

238 Geographical Concepts of Regional and Urban Planning (Seminar)

Sessional.

For M.Sc.: *Modern Geographical Thought and Practice*, VI 1; *Geographical Aspects of Regional and Urban Planning*, XIII 3.

A seminar on the application of locational and spatial concepts to problems of planning.

Recommended reading Basic preliminary: J. R. Boudeville, *Problems of Regional Economic Planning*; W. Isard *et al.*, *Methods of Regional Analysis: An Introduction to Regional Science*; F. Stuart

Chapin, Jr., *Urban Land Use Planning* (2nd edn.); O. D. Duncan *et al.*, *Metropolis and Region*; P. M. Hauser and L. F. Schnore, *The Study of Urbanization*; J. Friedmann and W. Alonso, *Regional Development and Planning: A Reader*; P. Haggett, *Locational Analysis in Human Geography*.

239 Quantitative Methods in Regional and Urban Planning Studies

Mr Colbourne. Michaelmas and Lent Terms.

For M.Sc.: Regional and Urban Planning Studies.

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

D. Brunsdon, B.Sc., Ph.D.; Lecturer in Geography.

P. D. Coker, B.Sc., Ph.D.; Assistant Lecturer in Biogeography. Alice M. Coleman, M.A.; Reader in Geography.

C. Embleton, M.A., Ph.D. (Cantab.); Senior Lecturer in Geography.

J. E. Hay, B.Sc. (Cantab.); Assistant Lecturer in Geography.

G. R. P. Lawrence, M.Sc.; Lecturer in Geography.

B. S. Morgan, B.Sc. (Exeter); Assistant Lecturer in Geography.

W. B. Morgan, M.A. (Oxon.), Ph.D. (Glasgow); Reader in Geography.

C. D. Morley, M.A. (Birmingham), Ph.D. (Australian National University); Lecturer in Geography.

J. C. Pugh, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Professor of Geography.

F. Rose, B.Sc., Ph.D.; Senior Lecturer in Biogeography.

K. E. Rosing, B.A. (Minnesota); Assistant Lecturer in Geography.

Jean Whatley, B.Sc. (Glasgow), M.Sc. (Calif.); Lecturer in Geography.

E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

History

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Economic History

260 The Economic History of Great Britain and the U.S.A., 1850-1939

Mr Baines, Dr Erickson and Mr Potter. Thirty-four lectures, Sessional.

For B.Sc. (Econ.) Part I; B.A. Phil. and Econ. (first year).

Syllabus The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850*; J. D. Chambers, *The Workshop of the World*; P. d'A. Jones, *The Consumer Society*; W. A. Lewis, *Economic Survey, 1919-1939*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; C. C. Spence, *The Sinews of American Capitalism*; W. M. Stern, *Britain Yesterday and Today*.

FOR REFERENCE G. C. Allen, *British Industries and their Organisation* (1959 or 1961 edn.); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*; W. Ashworth, *An Economic History of England, 1870-1939*; A. C. Bolino, *The Development of the American Economy*; A. K. Cairncross, *Home and Foreign Investment*; T. C. Cochran and W. Miller, *The Age of Enterprise*; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; J. H. Dunning and C. J. Thomas, *British Industry: Change and Development in the Twentieth Century*; M. A. Jones, *American Immigration*; The Royal Institute of International Affairs, *The Problem of International Investment*; H. N. Scheiber (Ed.), *United States Economic History: selected readings*; H. F. Williamson (Ed.), *The Growth of the American Economy*.

260(a) Classes

261 Industrialization and the International Economy since 1830

Professor Fisher and others.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic History*, I 2a; II 1b; III 2; IV 2b; V 1b; VIII 2; IX 3; XIII 3; XIV 3a; XV 3; XVI 3a (second year); B.Sc. (Geog.) C 5 (first, second or third year).

Syllabus The growth of world population: changes in its occupational and regional distribution; the development of primary production in temperate and tropical zones; the development of mechanized transport by sea and land; the international migration of capital; changes in the volume, direction and content of international trade; the varying experience of industrialization in Western Europe (including Great Britain), U.S.A., Russia and Japan; the development and organization of capital and labour markets; the breakdown of the international economy in the inter-war years; changes in national economic policies; the development of international economic institutions.

Recommended reading W. Ashworth, *A Short History of the International Economy*; W. A. Lewis, *Economic Survey, 1919-1939*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; W. W. Rostow, *The Stages of Economic Growth*; R. T. Gill, *Economic Development*; S. S. Kuznets, *Six Lectures on Economic Growth*; A. G. Poole and G. P. Jones, *A Hundred Years of Economic Development in Great Britain*; S. B. Clough, *France: a History of National Economics*; G. Stolper, *The German Economy, 1870-1939*; R. M. Robertson, *History of the American Economy*; G. C. Allen, *A Short Economic History of Modern Japan*; P. Lyashchenko, *History of the National Economy of Russia*; United Nations XIII, Demography 1953, 3, *The Determinants and Consequences of Population Trends*; J. V. Levin, *The Export Economies*; The Royal Institute of International Affairs, *The Problem of International Investment*; League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade*; 1945, A.10, *Industrialization and Foreign Trade*; P. L. Yates, *Forty Years of Foreign Trade*; J. K. Galbraith, *The Great Crash*; J. B. Condliffe, *The*

Economic History

Commerce of Nations; R. H. Thornton, *British Shipping*; C. Eicher and L. Witt, *Agriculture in Economic Development*; M. Tracy, *Agriculture in Western Europe*; H. J. Habakkuk and M. Postan (Eds.), *The Cambridge Economic History of Europe*, Vol. VI, Pts. I & II; B. E. Supple (Ed.), *The Experience of Economic Growth*.

261(a) Classes

262 Introduction to Modern English Economic History

Mr W. M. Stern. Twenty-five lectures, Sessional.

For B.A. History (first year); Dip. Soc. Admin. (first year).

Syllabus The subject will be divided into three periods; from the discovery of the New World to the middle of the eighteenth century; the Industrial Revolution and its aftermath; the last hundred years. In each period the development of agriculture, industry, trade and transport will be traced against the background of population changes, economic thought and fluctuations, social organization and policy.

Recommended reading J. H. Clapham, *A Concise Economic History of Britain from the Earliest Times to 1750*; G. N. Clark, *The Wealth of England, 1496-1760*; M. D. George, *England in Transition*; T. S. Ashton, *The Industrial Revolution, 1760-1830*; W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*; G. Dangerfield, *The Strange Death of Liberal England, 1910-1914*.

FOR REFERENCE T. S. Ashton, *An Economic History of England: The Eighteenth Century*; W. Ashworth, *An Economic History of England, 1870-1939*; J. H. Clapham, *Economic History of Modern Britain*; N. J. Smelser, *Social Change in the Industrial Revolution*; G. D. H. Cole and R. W. Postgate, *The Common People, 1746-1946*; H. Hamilton, *History of the Homeland*; S. Pollard, *The Development of the British Economy, 1914-1950*.

Books on particular subjects will be recommended in the course of the lectures.

263 Economic History of England and Western Europe in the Sixteenth and Seventeenth Centuries

Dr Coleman. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: *English Economic History, 1485-1760*, VI 3; VII 7 and 8c (second year); B.A. History, optional subject Economic History; M.Sc.: *The Sources and Historiography of the Economic History of England in the Seventeenth Century*, V 1(ii).

Syllabus This course will examine the economy of England in some detail and that of Western Europe in broad outline. Aspects of the English economy to be considered will include: the structure and growth of population, agriculture, industry, trade, finance and the movement of prices, as well as various economic and social problems and the main features of state policy in relation thereto. Economic development in continental Europe will be considered partly for the purpose of comparison with that of England and partly with reference to England's economic relationships overseas.

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

264 English Economic History in its European Background from 1700 to the Second World War

Professor John, Mr Baines and Mr W. M. Stern. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II (second year): *English Economic History, 1485-1760*, VI 3; VII 7 and 8c; *English Economic History from 1760*, VI 4; VII 7 and 8d; B.A. History, optional subject Economic History; B.Sc. (Geog.) C 6; M.Sc.: *The Sources and Historiography of Economic History in either Britain 1783-1850*, V 1(iii) or *Britain 1900-1950*, V 1(iv).

(i) 1700-1815

Professor John. Ten lectures.

Economic History

(ii) 1815-1886

Mr Baines. Ten lectures.

(iii) After the 1880s

Mr W. M. Stern. Ten lectures.

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

265 The Social and Political Structure of England in the Late Sixteenth and Early Seventeenth Centuries

Professor Fisher. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: special subject Modern Economic History (second year).

Syllabus and recommended reading will be given at the beginning of the course.

266 The Social and Political Structure of England in the Nineteenth Century

Professor John, Dr Brown, Dr Erickson and Mr Baines. Twenty-six lectures, Sessional.

For B.Sc. (Econ.) Part II: special subject Modern Economic History (second year); M.Sc.: *The Sources and Historiography of Economic History in Britain, 1783-1850*, V 1(iii). Optional for B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6; B.A./B.Sc. (Soc.) Branch I, 7 and 8a (third year). Michaelmas Term only: for B.A. (Hist.) (second year).

Syllabus The growth of population and its occupational distribution; the major social groups in British society. The political structure; the growth of education and of the social services; the Irish question; nineteenth-century imperialism. The press; the growth of science; religions in nineteenth-century England; some of the major schools of political and social thought.

Recommended reading R. D. Altick, *The English Common Reader, 1800-1900*; W. Ashworth, *The Genesis of Modern British Town Planning*; J. A. Banks, *Prosperity and Parenthood*; A. Briggs,

The Age of Improvement; Victorian Cities; Chartist Studies; H. L. Beales, *The Making of Social Policy*; G. Kitson Clark, *The Making of Victorian England*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; H. Grisewood (Ed.), *Ideas and Beliefs of the Victorians*; B. K. Gray, *Philanthropy and the State*; H. J. Hanham, *Elections and Party Management*; W. E. Houghton, *The Victorian Frame of Mind*; M. Hewitt, *Wives and Mothers in Victorian Industry*; R. Lambert, *Sir John Simon*; A. M. Lowndes, *The Silent Social Revolution*; D. Lockwood, *The Black-coated Worker*; H. M. Pelling, *A History of British Trade Unions*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; J. H. Plumb (Ed.), *Studies in Social History*; B. C. Roberts, *The Trade Union Congress*; D. Roberts, *Victorian Origins of the British Welfare State*; D. Read, *Press and People, 1790-1850*; J. Saville (Ed.), *Democracy and the Labour Movement*; N. Smelser, *Social Change in the Industrial Revolution*; F. M. L. Thompson, *English Landed Society in the Nineteenth Century*; A. F. Weber, *The Growth of Cities in the Nineteenth Century*; G. M. Young, *Victorian England, Portrait of an Age*.

267 Economic History of the United States of America

(i) The Colonial Period, 1607-1790

Professor Fisher and Dr Erickson. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Economic History of the United States of America from 1783*, VI 7; VII 7 and 8g (second year).

Syllabus The development of the American economy from the first settlements to nationhood. The nature of the colonial links with Britain. Population growth and distribution. Economic aspects of the American Revolution and formation of the first federal government.

(ii) 1790-1873

Dr Erickson. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Economic*

Economic History

History of the United States of America from 1783; VI 7; VII 7 and 8g (second year).

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; banking; promotion and regulation of the economy.

The U.S.A. and the outside world: Atlantic economy; trade and shipping; migration and capital importation; economic fluctuations.

(ii)(a) Classes

Ten classes, fortnightly, Lent and Summer Terms.

(iii) 1873–1929

Professor Abrams. Ten Lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Economic History of the United States of America from 1783*; VI 7; VII 7 and 8g (third year); M.Sc.: *The Sources and Historiography of the Economic History of the U.S.A.* 1890–1929, V 1v.

Syllabus 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. Urbanization.

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 economic consequences. Economic fluctuations; prosperity and depression.

(iii)(a) Classes

Ten classes, fortnightly, Michaelmas and Lent Terms.

(iv) The U.S.A. since 1930

Mr Potter, Dr Erickson and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Economic History of the United States of America from 1783*, VI 7; VII 7 and 8g (third year), and other third-year and graduate students interested.

Syllabus Economic and other aspects of the New Deal. The American economy since 1945.

Recommended reading The most suitable work for this course is R. M. Robertson, *History of the American Economy* (2nd edn., 1964). Valuable introductory reading will be found in H. C. Allen and C. P. Hill (Eds.), *British Essays in American History* (1957); E. A. J. Johnson and H. E. Krooss, *The American Economy* (1961); F. Thistlethwaite, *The Great Experiment* (1955). Other useful textbooks include: A. C. Bolino, *The Development of the American Economy* (1966); S. Bruchey, *The Roots of American Economic Growth, 1607–1861*; L. E. Davis and others, *American Economic History* (1961); E. C. Kirkland, *A History of American Economic Life* (1951); H. F. Williamson (Ed.), *The Growth of the American Economy* (1951); C. W. Wright, *Economic History of the United States* (1949). Other works: R. Andreano (Ed.), *The Economic Impact of the American Civil War*; C. A. Beard, *An Economic Interpretation of the Constitution of the United States*; H. H. Bellot, *American History and American Historians*; R. T. Berthoff, *British Immigrants in Industrial*

Economic History

America, 1790–1950; E. L. Bogart and C. M. Thompson, *Readings in the Economic History of the United States*; A. C. Bogue, *From Prairie to Corn Belt*; J. B. Brebner, *North Atlantic Triangle*; V. S. Clark, *History of Manufactures in the United States*; Department of American Studies, Amherst College (Eds.), *Problems of American Civilization: Selected Readings*; F. R. Dulles, *Labor in America*; E. J. Ferguson, *The Power of the Purse*; A. Fishlow, *American Railroads and the Transformation of the Ante-Bellum Economy*; R. W. Fogel, *Railroads and American Economic Growth*; E. Frickey, *Economic Fluctuations in the United States, 1865–1914*; P. W. Gates, *The Farmer's Age, Agriculture, 1815–1860*; C. L. Goodrich, *Government Promotion of American Canals and Railroads*; B. Hammond, *Banks and Politics in America from the Revolution to the Civil War*; M. L. Hansen, *The Immigrant in American History*; R. Hofstadter, *The Age of Reform*; E. C. Kirkland, *Industry Comes of Age, 1860–1897*; H. B. Lary, *The United States in the World Economy*; M. Meyers, *The Jacksonian Persuasion: Politics and Belief*; National Bureau of Economic Research, *Trends in the American Economy in the Nineteenth Century* (Studies in Income and Wealth, Vol. 24); W. Miller (Ed.), *Men in Business*; C. P. Nettels, *The Emergence of a National Economy, 1775–1815*; D. C. North, *The Economic Growth of the United States, 1790–1860*; H. S. Perloff and others, *Regions, Resources and Economic Growth*; U. B. Phillips, *Life and Labor in the Old South*; F. A. Shannon, *The Farmer's Last Frontier*; W. P. Strassman, *Risk and Technological Innovation*; G. R. Taylor, *The Transportation Revolution*; P. Temin, *Iron and Steel in Nineteenth-century America*; Brinley Thomas, *Migration and Economic Growth*; W. P. Webb, *The Great Plains*.

268 International Economic History, 1850–1945

Mr W. M. Stern. Sixteen lectures, Michaelmas and Lent Terms. Five classes, Lent Term.

For B.Sc. (Econ.) Part II: *International Economic History, 1850–1945*, VI 8c; VII 7 and 8f (second or third year); XIV 8b (third year).

Syllabus Growth and distribution of world population. Growth of manufacturing industry. Development of agriculture, international trade and investment and the chief influences upon them, including changes in transport, in financial organization and in the commercial policies of the Great Powers. The growth of international economic organizations, both public and private. The changing influence of economic factors on the political and military strength of the Great Powers.

Recommended reading P. Ashley, *Modern Tariff History*; W. Ashworth, *A Short History of the International Economy since 1850*; J. B. Condliffe, *The Commerce of Nations*; M. R. Davie, *World Immigration*; H. Feis, *Europe, the World's Banker, 1870–1914*; I. Ferenczi and W. F. Willcox, *International Migrations*; League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade*; A.6, *Commercial Policy in the Inter-War Period*; 1945, A.10, *Industrialization and Foreign Trade*; W. A. Lewis, *Economic Survey, 1919–1939*; The Royal Institute of International Affairs, *The Problem of International Investment*; United Nations, 1954, II, E.3, *Growth and Stagnation in the European Economy* (I. Svennilson); H. J. Habakkuk and M. Postan (Eds.), *The Cambridge Economic History of Europe*, VI: *The Industrial Revolutions and After*; F. H. Hinsley (Ed.), *The New Cambridge Modern History*, XI: *Material Progress and World-Wide Problems, 1870–1898*; L. H. Jenks, *The Migration of British Capital to 1875*; D. Thomson (Ed.), *The New Cambridge Modern History*, XII: *The Era of Violence, 1898–1945*; M. Tracy, *Agriculture in Western Europe*. E. Hexner and A. Walters, *International Cartels*; M. Hill, *The Economic and Financial Organization of the League of Nations*; O. J. Lissitzyn, *International Air Transport and National Policy*; L. L. Lorwin, *The International Labor Movement*; E. S. Mason, *Controlling World Trade*; A. Plummer, *International Combines in Modern Industry*; J. Price, *The*

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International Labour Movement; J. T. Shotwell (Ed.), *The Origins of the International Labor Organization*; A. Sturmthal, *Unity and Diversity in European Labor*.

W. Y. Carman, *A History of Firearms from Earliest Times to 1914*; H. C. Engelbrecht and F. C. Hanighen, *Merchants of Death: a Study of the International Armament Industry*; W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare*; A. J. Marder, *British Naval Policy, 1880-1905*; J. T. W. Newbold, *How Europe Armed for War (1871-1914)*; E. A. Pratt, *The Rise of Rail Power in War and Conquest, 1833-1914*; The Royal Institute of International Affairs, *Survey of International Affairs, 1939-1946, Vol. I, The World in March, 1939, Part II*; B. E. Supple (Ed.), *The Experience of Economic Growth*; Y.-L. Wu, *Economic Warfare*.

269 Economic History of England from 1216 to 1603

Miss Coleman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 13, *Economic History of England from the Norman Conquest to 1603*; B.A. History (second year).

Recommended reading Books will be recommended during the course.

269(a) Economic History of England from 1216 to 1603 (Classes)

Miss Coleman and Dr Bridbury.

For B.Sc. (Econ.) Part I: alternative subject 13, *Economic History of England from the Norman Conquest to 1603*.

270 Mediaeval Economic History (Classes)

Miss Coleman and Dr Bridbury.

For B.Sc. (Econ.) Part II: special subject Economic History (Mediaeval).

271 Economic History, 1575-1642 (Class)

Professor Fisher. For students taking this special period for B.Sc. (Econ.) Part II.

272 Modern Economic History, 1830-1886 (Class)

Professor John and Mr W. M. Stern. For students taking this special period for B.Sc. (Econ.) Part II.

273 English Economic History, 1485-1760 (Class)

For B.Sc. (Econ.): *English Economic History, 1485-1760, VI 3; VII 7 and 8c* (second and third years).

274 English Economic History from 1760 (Class)

For B.Sc. (Econ.): *English Economic History from 1760, VI 4; VII 7 and 8d* (second and third years).

FOR GRADUATE STUDENTS

275 Introduction to the Methods of Econometric History

Mr Potter and Dr Desai. Ten lectures, Lent Term.

For graduate students in Economic History.

Syllabus and recommended reading will be given at the beginning of the course.

276 British Labour History, 1815-1839

Professor John and Dr Erickson. Fifteen lectures, Michaelmas and Lent Terms. This course will not be given in the session 1968-69. It will be given in the session 1969-70.

For M.Sc.: *British Labour History, 1815-1939, V 4viii; VII 2ii*.

Syllabus Population growth and its economic and social implications; changes

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in the geographical distribution of population and the factors underlying mobility; emigration; the composition of the British labour force; the growth of trade unions: their organization and policy; the relationship between trade unionism and contemporary political movements; the emergence of a system of industrial relations; the state regulation of the conditions of work; the share of wages in the national income and the growth of real incomes; the problem of poverty and unemployment; working class self-help: co-operative distribution and friendly societies; the Poor Law and unemployment insurance; the role of education in the development of a labour force; the development of international labour organizations.

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

277 The Sources and Historiography of the Economic History of England, 1350-1500 (Seminar)

Miss Coleman and Dr Bridbury. Fortnightly, Sessional.

278 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)

Professor Fisher and Dr Coleman. Fortnightly, Sessional.

279 The Sources and Historiography of British Economic History, 1783-1850 and 1900-1950 (Seminar)

Professor John and Mr W. M. Stern. Weekly, Sessional.

280 The Sources and Historiography of the Economic History of the U.S.A., 1890-1929 (Seminar)

Professor Abrams, Mr Potter and Dr Erickson. Fortnightly, Sessional.

281 Economic Growth Historically Considered (Seminar)

Professor Fisher, Mr Baines and Mr Falkus. Fortnightly, Lent and Summer Terms.

Also for students offering this option for M.Sc.: Demography.

282 Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar)

Professor John. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

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288 Political History, 1763–1939

Dr Anderson, Dr Nish and Mr Dilks. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I.

Syllabus The course will provide a general survey of European history in the period, special attention being given to the growth of the modern nation states and their impact on the non-European world.

Recommended reading A basic textbook can be chosen from one of the following: E. Barker (Ed.), *The European Inheritance*, Vols. II and III (part of Vol. III, by G. Bruun, is available in the Home University Library series); G. Bruun and W. K. Ferguson, *A Survey of European Civilisation*; C. J. H. Hayes and C. W. Cole, *History of Europe*; T. W. Riker, *A Short History of Modern Europe*. More detailed books on specific periods are: G. Rudé, *Revolutionary Europe, 1783–1815*; D. Thomson, *Europe Since Napoleon*; G. A. Craig, *Europe since 1815*; J. McManners, *Lectures on European History, 1789–1914*; M. Bruce, *The Shaping of the Modern World, 1870–1939*, Vol. I, 1870–1914; C. E. Black and E. C. Helmreich, *Twentieth-Century Europe*; R. F. Leslie, *The Age of Transformation, 1789–1871*; H. Hearder, *Europe in the Nineteenth Century, 1830–1880*; J. R. Western, *The End of European Primacy, 1871–1945*; *New Cambridge Modern History*, Vols. VIII–XII. Guidance on further reading can best be obtained from W. N. Medlicott, *Modern European History, 1789–1945, A Select Bibliography* (published by the Historical Association, *Helps for Students of History*, No. 60). The following volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, are recommended for more advanced reading: L. Gershoy, *From Despotism to Revolution, 1763–1789*; C. Brinton, *A Decade of Revolution, 1789–1799*; G. Bruun, *Europe and the French Imperium, 1799–1814*; F. B. Artz, *Reaction and Revolution, 1814–1832*; R. C. Binkley, *Realism and Nationalism, 1852–1871*; C. J. H. Hayes, *A Generation of Materialism, 1871–1900*. Of the

numerous national and regional histories, the best guides are: A. Cobban, *A History of Modern France*, 2 vols. (Pelican series); E. J. Passant and others, *A Short History of Germany, 1815–1945*; A. Vernadsky, *A History of Russia*; D. Mack Smith, *Italy: a Modern History*; H. M. Vinacke, *A History of the Far East in Modern Times*.

A Historical Atlas, such as Robertson's, Muir's, or Seligman's, is useful.

288(a) Classes

Fortnightly, Sessional. In connection with Course No. 288.

289 Europe and the World, 1760–1939

Dr Anderson, Mr Dilks and Dr Nish. Ten lectures, Lent Term.

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

290 Political History

Dr Bourne and others. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *Political History*, I 2a; II 1b; III 2; IV 2b; V 1b; VI 8j; VIII 2; IX 3; XIII 3; XV 3; XVI 3a (second year).

Syllabus The general political relationships of the powers since the sixteenth century; the effect of the Renaissance, the Reformation and the Expansion of Europe upon political life; the rise of the nation states; the absolute monarchies of the sixteenth and seventeenth centuries; the Enlightenment of the eighteenth century; the American Revolution and the break-up of the old colonial Empires; the French Revolution and its Napoleonic aftermath; the reconstruction of Europe, 1813–1822; the subsequent progress of liberal, revolutionary and nationalist movements; the growth of the great modern states; the new imperialism, with special reference to Africa and the Far East; the United States and Japan in world affairs; the first world war and its aftermath.

Recommended reading Among a large number of alternatives C. J. H. Hayes,

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A Political and Cultural History of Europe (2 vols.), is probably the most satisfactory general survey. Recommended for advanced reading on particular periods is *A General History of Europe*, edited by Denys Hay and published by Longmans. So far the following volumes have appeared: Denys Hay, *Europe in the Fourteenth and Fifteenth Centuries*; H. G. Koenigsberger and G. L. Mosse, *Europe in the Sixteenth Century*; M. S. Anderson, *Europe in the Eighteenth Century, 1713–1783*; H. Hearder, *Europe in the Nineteenth Century, 1830–1880*; J. M. Roberts, *Europe, 1880–1945*. While this series remains incomplete the gaps may be filled by: F. H. H. Green, *Renaissance and Reformation*; David Ogg, *Europe in the Seventeenth Century*; and G. A. Craig, *Europe since 1815*. For the twentieth century D. C. Watt, Frank Spencer and Neville Brown, *A History of the World in the Twentieth Century*, and H. Stuart Hughes, *Contemporary Europe: a History*, are also recommended.

Further reading will be given at the beginning of the lecture course and class teachers will advise on specialization.

290(a) Classes

Fortnightly, Sessional. In connection with Course No. 290.

291 International History, 1494–1815

Professor Hatton and Dr Anderson. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *International History*, 1494–1815; XIV 4 (second year); B.A. History (first and second years); M.A. and M.Sc.: *International History*, 1688–1740, 1740–1789, 1789–1815.

Syllabus Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of diplomatic practice.

Recommended reading

DIPLOMACY AND DIPLOMATIC ORGANIZATION: G. Butler and S. Maccoby, *The Development of International Law*; D. P. Heatley, *Diplomacy and the Study of International Relations*; G. Mattingly, *Renaissance Diplomacy*; E. M. Satow,

A Guide to Diplomatic Practice.

DIPLOMATIC HISTORY: GENERAL: G. Zeller, *Les Temps Modernes*, Pts. i and ii (in the series *Histoire des Relations Internationales*, Ed. P. Renouvin); A. Fugier, *La Révolution Française et l'Empire Napoléonien* (in the same series); A. Sorel, *L'Europe et la Révolution Française*, Vol. I, *Les Moeurs et les Traditions*; *New Cambridge Modern History*, relevant chaps. of Vols. I, II, V and VII–IX; W. L. Langer (Ed.), *The Rise of Modern Europe*, relevant portions from the volumes covering this period; or from the relevant volumes in the series *Clio: Introduction aux Etudes Historiques*; V. P. Potemkin (Ed.), *Histoire de la Diplomatie*, Vol. I.

INDIVIDUAL COUNTRIES: P. Rain, *La Diplomatie Française d'Henri IV à Vergennes*; A. W. Ward and G. P. Gooch (Eds.), *The Cambridge History of British Foreign Policy*, Vol. 1; S. F. Bemis, *A Diplomatic History of the United States*; C. de Grunwald, *Trois Siècles de Diplomatie Russe*.

MILITARY AND STRATEGIC BACKGROUND: J. U. Nef, *War and Human Progress*; A. Vagts, *A History of Militarism*; E. M. Earle (Ed.) and others, *Makers of Modern Strategy*.

Further reading on particular aspects or periods will be recommended during the course.

292 International History, 1815–1914

Professor Joll. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International History*, 1815–1914, VI 8b (i); VIII 7 and 8e (i); XII 3a; XIV 5 (second year); B.A. History: optional subject *Diplomatic History*; 1814–1945 (second year), M.A. and M.Sc. *International History*, 1815–1870.

Syllabus The history of international relations with special reference to the policies of the Great Powers and to the factors affecting them.

Recommended reading Either D. Thomson, *Europe since Napoleon* or G. Craig, *Europe since 1815*; R. Albrecht-Carrié, *A Diplomatic History of Europe since the Congress of Vienna*; R. W. Seton-Watson, *Britain in Europe, 1789–1914*; J. Joll (Ed.),

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Britain and Europe from Pitt to Churchill; M. S. Anderson, *The Eastern Question*; F. H. Hinsley, *Power and the Pursuit of Peace*; A. J. P. Taylor, *The Struggle for Mastery in Europe*; H. Feis, *Europe, the World's Banker*; G. F. Hudson, *The Far East in World Politics*; P. N. S. Mansergh, *The Coming of the First World War*. See also W. N. Medlicott, *Modern European History, 1789–1945, A Select Bibliography*; and A. Bullock and A. J. P. Taylor, *Books on European History, 1819–1914*. Further books on particular aspects will be recommended during the course.

293 International History since 1914

Mr Grün and Mr Watt. Forty lectures, Michaelmas and Lent Terms for second-year students; twenty lectures, Michaelmas Term for third-year students.

Whole course: for B.Sc. (Econ.) Part II: *International History since 1914*, VI 8b (ii); VII 7 and 8e (ii); XII 4; XIV 6 (second year); B.A. History: optional subject *Diplomatic History, 1814–1845* (second year); M.Sc.: *International Politics*, X 1; *International Politics of an Approved Region*, X 2; M.A. and M.Sc.: *International History, 1914–1945*. **Lent Term only:** for B.Sc. (Econ.) Part II: *International History since 1815*, VI 8b; VII 7 and 8e; XII 4; *International History since 1914*, XIV 6; B.A. History: optional subject *Diplomatic History 1814–1945* (third year).

Syllabus The political and diplomatic history of the period, with due attention to both European and non-European developments.

Recommended reading G. M. Gathorne-Hardy, *A Short History of International Affairs, 1920–1939* (4th edn.); F. P. Walters, *A History of the League of Nations*; A. Wolfers, *Britain and France between Two Wars*; W. N. Medlicott, *The Coming of War in 1939* (Historical Association pamphlet, No. G52); G. M. Carter, *The British Commonwealth and International Security*; H. I. Nelson, *Land and Power*; A. L. C. Bullock, *Hitler: A Study in Tyranny*; E. Wiskemann, *The*

Rome-Berlin Axis; Europe of the Dictators, 1919–1945; M. Beloff, *The Foreign Policy of Soviet Russia, 1929–1941*; J. T. Pratt, *War and Politics in China*; H. Feis, *The Road to Pearl Harbor*; Churchill, *Roosevelt, Stalin; Between War and Peace; The Potsdam Conference*; Llewellyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; L. E. Kochan, *The Struggle for Germany, 1914–1945*; G. Hilger and A. Meyer, *The Incompatible Allies*; R. C. North, *Moscow and the Chinese Communists*; F. C. Jones, *Japan's New Order in Asia*; J. L. Snell, *Allied Wartime Diplomacy*; J. W. Spanier, *American Foreign Policy since World War II*; H. Seton-Watson, *Neither War Nor Peace*.

Further reading will be suggested in the course of the lectures.

294 The Mediterranean in International Politics, 1815–1914

Miss Lee. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: special subject International History (third year) and other students interested.

Syllabus A study of political, strategic and economic developments in the Mediterranean region as a factor in international relations, 1815–1914.

Recommended reading See bibliography for course 292 and particular study of the following: J. E. Swain, *Struggle for the Control of the Mediterranean prior to 1848*; F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston*; V. J. Puryear, *France and the Levant*; H. L. Hoskins, *British Routes to India*; C. W. Hallberg, *The Suez Canal*; W. L. Langer, "The European Powers and the French Occupation of Tunis" (*American History Review*, XXXI, 1925–26); W. N. Medlicott "The Mediterranean Agreements of 1887" (*Slavonic Review*, V, 1926–27); A. J. Marder, *The Anatomy of British Sea Power*; J. Tramond and A. Reussner, *Éléments d'Histoire Maritime et Coloniale*; R. Pinon, *L'Empire de la Méditerranée*; J. Marlowe, *Anglo-Egyptian Relations, 1800–1953*.

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295 The Maritime Policies of the Great Powers, 1918–1939

Mr Watt. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *International History since 1914*, XIV 6 (third year); M.A. and M.Sc.: *International History, 1914–1945*; M.A. (War Studies), and other students interested.

Syllabus A study of the origins, inspiration and consequences, and the diplomatic and strategic interactions of the naval policies of the leading sea-powers, i.e. Great Britain, France, Germany, Italy, Japan, the Soviet Union and the United States in the years 1918–1939; together with the origins, workings and break-down of the various provisions, proposals, conferences, agreements and treaties on disarmament, arms limitation and control at sea in the same period. Attention will be paid to the machinery of politico-military consultation and to the naval doctrines governing the formulation of those policies, and to the effects of technological developments. The subject will be dealt with in the general context of the development of international political relations in the inter-war years and for the light it may throw upon the more general issues of arms limitation and control by international agreement.

Recommended reading R. de Belot and A. Reussner, *La Puissance Navale dans l'Histoire*, Tome 3; F. H. Hinsley, *Command of the Sea*; H. H. and M. T. Sprout, *Toward a New Order of Sea Power*; J. Erickson, *The Soviet High Command*.

296 British-American-Russian Relations, 1815–1914

Dr Anderson, Dr Bourne and Dr Nish. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *British-American-Russian Relations, 1815–1914*, XIV 8c (third year), and other students interested.

Syllabus Diplomatic relations of the three powers during the period, with due attention to the geographical, economic and strategic factors which shaped their foreign policies in the areas of contact and tension.

Recommended reading H. C. Allen, *Great Britain and the United States*; T. A. Bailey, *A Diplomatic History of the American People* (7th edn., 1964); B. Perkins, *Castlereagh and Adams: England and the United States, 1812–1823*; W. D. Jones, *Lord Aberdeen and the Americas*; E. D. Adams, *Great Britain and the American Civil War*; F. Merk, *The Oregon Question*; W. A. Williams, *American-Russian Relations, 1781–1947*; D. Perkins, *Hands Off: A History of the Monroe Doctrine*; K. Bourne, *Britain and the Balance of Power in North America, 1815–1908*; W. C. Costin, *Great Britain and China, 1833–1860*; H.-P. Chang, *Commissioner Lin and the Opium War*; J. K. Fairbank, *Trade and Diplomacy on the China Coast*; M. Banno, *China and the West, 1858–1861*; W. Habberton, *Anglo-Russian Relations Concerning Afghanistan, 1837–1907*; W. G. Beasley, *Great Britain and the Opening of Japan*; A. Malozemoff, *Russian Far Eastern Policy, 1881–1904*; G. A. Lensen, *The Russian Push Towards Japan: Russo-Japanese Relations, 1697–1875*; A. J. Marder, *British Naval Policy, 1880–1905*; F. H. Michael and G. E. Taylor, *The Far East in the Modern World*; W. L. Langer, *The Diplomacy of Imperialism*; A. W. Griswold, *The Far Eastern Policy of the United States*; E. H. Zabriskie, *American-Russian Rivalry in the Far East, 1895–1914*; L. M. Gelber, *The Rise of Anglo-American Friendship, 1898–1906*; A. E. Campbell, *Great Britain and the United States, 1895–1903*; C. S. Campbell, *Anglo-American Understanding, 1899–1903*; G. W. Monger, *The End of Isolation: British Foreign Policy, 1900–1907*; G. T. Alder, *British India's Northern Frontier, 1865–1895*; J. A. S. Grenville, *Lord Salisbury and Foreign Policy*; I. C. Y. Hsü, *The Ili Crisis*; I. H. Nish, *Anglo-Japanese Alliance, 1894–1907*; J. A. White, *Diplomacy of the Russo-Japanese War*; R. A. Esthus, *Theodore Roosevelt and Japan*.

297 The Baltic in International Politics since 1815

Professor Hatton. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II: *The Baltic in*

International History

International Politics since 1815, XIV 8d (for 1970 examination) and other students interested.

Syllabus The changes of 1814–1815 within the Northern balance; the Scandinavian Union movement 1830–1860; the Crimean War; the Sleswig-Holstein crisis 1860–1864; the nationalist era 1870–1918 and the independence movements in Norway, Finland, the east Baltic states and Iceland; Scandinavia and the League of Nations; Scandinavia and World War II; Scandinavia and the post-war period.

Recommended reading The national histories by J. H. Birch, L. Krabbe, K. Larsen, I. Andersson, S. P. Oakley, and E. Jutikkala; L. D. Steefel, *The Schleswig-Holstein Question*; R. M. Hatton, 'Palmerston and Scandinavian Union' in K. Bourne and D. C. Watt (Eds.) *Studies in International History*; E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War*; W. F. Reddaway, *Problems of the Baltic*; S. S. Jones, *The Scandinavian States and the League of Nations*; H. Tingsten, *The Debate on the Foreign Policy of Sweden, 1918–1939*; F. D. Scott, *The United States and Scandinavia*; R. E. Lindgren, *Norway-Sweden, Union, Disunion and Scandinavian Integration*; F. Lindberg, *Scandinavia in Great Power Politics, 1905–1908*; N. Ørvik, *The Decline of Neutrality, 1914–1941*; O. A. Rustow, *The Politics of Compromise*; F. de la Ruche, *La neutralité de la Suède*; H. Friis (Ed.), *Scandinavia between East and West*.

298 International Socialism and the Problem of War, 1870–1914

Professor Joll. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II: *International Socialism and the Problem of War, 1870–1914*, XIV 8f.

Syllabus A study of the development of socialist thought about war, national defence, nationalism and colonialism, and of the attempts at international socialist action to prevent war, including the discussions in the Second International and in the major socialist parties of Europe.

Recommended reading G. D. H. Cole, *A History of Socialist Thought*, Vol. III; J. Braunthal, *History of the International, 1864–1914*; J. Joll, *The Second International*, M. M. Drachkovitch, *Les socialistes français et allemands et le problème de la guerre*; H. R. Weinstein, *Jean Jaurès: A Study of Patriotism in the French Socialist Movement*; J. P. Nettl, *Rosa Luxemburg*; V. I. Lenin, *Socialism and War*; V. I. Lenin *Imperialism: the Highest Stage of Capitalism*.

299 Africa in International Politics, 1870–1914

Mr Dilks. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Africa in International Politics, 1870–1914*, XIV 8d (third year) (for 1969 examination); M.Sc.: *International Politics of an approved Region*, X 7 and other students interested.

Syllabus An examination of some aspects of the diplomacy of the European powers in relation to Africa south of the Sahara.

Recommended reading C. P. Lucas, *The Partition and Colonisation of Africa*; H. M. Stanley, *The Congo and the Founding of its Free State*; K. O. Diké, *Trade and Politics in the Niger Delta, 1830–1885*; L. S. Woolf, *Empire and Commerce in Africa*; M. F. Perham and J. Simmons (Eds.), *African Discovery, an Anthology of Exploration*; H. R. Rudin, *Germany in the Cameroons, 1884–1914*; R. E. Robinson and others, *Africa and the Victorians*.

Further reading will be recommended during the course.

300 William III and Louis XIV, 1698–1702

Professor Hatton. Ten classes, Summer Term. This course will continue in the session 1969–70.

For B.Sc. (Econ.) Part II: *William III and Louis XIV, 1698–1702*, XIV 7a (for 1970 examination).

Syllabus A study in detail of the attempt, through cooperation by William III and Louis XIV, to solve the problem of the Spanish succession issue.

International History

The courses will be based on selected documents from the following authorities: P. Grimblot (Ed.), *Letters of William III, Louis XIV and of their ministers 1697–1700*, I and II; P. Vaucher (Ed.), *Recueil des Instructions données aux Ambassadeurs et Ministres de France*, (XIV 2), Angleterre, Vol. 3, 1689–1791; L. G. Wickham Legg, *British Diplomatic Instructions (II, France, 1689–1721)*; F. G. Davenport (Ed.), *European Treaties bearing on the History of the United States and its Dependencies*, (III) 1689–1715; A. Legrelle (Ed.), *La diplomatie française et la succession d'Espagne*, appendices.

301 The Great Powers and Egypt, 1882–1888

Miss Lee. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *The Great Powers and Egypt, 1882–1888*, XIV 7b (third year).

Syllabus The international development of the Egyptian question, with special reference to the Suez Canal, based on the following authorities: *British and Foreign State Papers*, 1882–1883 (Vol. lxxiv); 1887–1888 (Vol. lxxix); C. de Freycinet, *La Question d'Égypte* (1905); Lord Cromer, *Modern Egypt* (1908).

302 The Balkans in International Politics, 1908–1919

Professor Joll and Dr Bridge. Twenty classes. This course will not be given in the session 1968–69.

For B.Sc. (Econ.) Part II: *The Balkans in International Politics, 1908–1919*, XIV 7c (for 1970 examination).

Syllabus The Bosnian crisis and its aftermath. Albania, the Italo-Turkish and the Balkan Wars 1910–1913. The Balkans in 1914—the July crisis. Intervention diplomacy. Turkey and the Balkan States. Military operations and their effects in the Balkans: Serbia, Bulgaria, Gallipoli. Italy and the South Slavs. Greek aims. The Balkans and the Peace Settlement. The course will be based upon selected documents from the following authorities: G. P. Gooch and H. W. V.

Temperley (Eds.), *British Documents on the Origins of the War*, Vols. V, IX, X; I. Geiss (Ed.), *July, 1914*; B. von Siebert, *Entente Diplomacy and the World War*; Dardanelles Commission, First Report (Cmd. 8490, 1917).

303 Great Britain and the Paris Peace Conference of 1919

Mr Grün. Ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Great Britain and the Paris Peace Conference of 1919*, XIV 7c (third year) (for 1969 examination).

Syllabus A detailed study of British policy in relation to the organization of the peace conference and of the negotiations which led to the signing of the Treaty of Versailles, based on the following authorities: *Papers Relating to the Foreign Relations of the United States, 1919*; *The Paris Peace Conference*, Vols. III–VI; P. Mantoux, *Paris Peace Conference, 1919*; *Proceedings of Council of Four* (Geneva, 1964); D. Lloyd George, *The Truth about the Peace Treaties* (1938).

304 The Manchurian Crisis, 1931–1933

Dr Nish. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *The Manchurian Crisis, 1931–1933*, XII 8f; XIV 7d (third year) (for 1969 examination).

Syllabus A detailed survey, based on the study of available original sources, of the international implications of the Sino-Japanese conflict from the time of the Mukden incident (September, 1931) to the conclusion of the Tangku truce (May, 1933). The policies of the Great Powers as well as the role played by the League of Nations will be examined, and the significance of the crisis will be placed in the context of the development of international relations in the inter-war years, based on the following authorities: *Papers Relating to the Foreign Relations of the United States, Japan: 1931–1941*, Vol. I, pp. 1–87; *League of Nations: Official Journal*, Special Supplements Nos. 101–102 and 111–113; *League of Nations: Appeal by the Chinese Government, Report*

International History

of the Commission of Inquiry; Documents on British Foreign Policy, 2nd Series, Vols. VIII and IX.

305 Anglo-German Naval Diplomacy, 1933-1939

Mr Watt. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Anglo-German Naval Diplomacy*, 1933-1939, XII 8f; XIV 7e (third year) (for 1969 examination).

Syllabus A study in detail of the interaction of strategic and diplomatic factors in Anglo-German relations, 1933-1939, in the naval sphere. The course will be based on selected documents from the following authorities: *Documents on German Foreign Policy*, Series C, Vols. II-VI, Series D, Vols. IV and VI; *Trial of the Major War Criminals*; *Documents on British Foreign Policy*, 2nd Series, 3rd Series, Vols. III-IV; *Foreign Relations of the United States, 1934-1938*; "Führer Conferences on Naval Affairs" in *Brassey's Naval Annual, 1948*; N. H. Baynes (Ed.), *Hitler's Speeches, 1922-1939*, Vol. II; selected extracts from the *German Admiralty Archives* (from originals on microfilm in P.R.O. and the U.S. Department of the Navy).

306 International History, 1494-1815 (Class)

Professor Hatton, Dr Anderson and Dr Bridge. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: special subject International History.

307 International History since 1815 (Class)

Miss Lee, Dr Nish, Mr Watt and Mr Grün. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: special subject International History.

308 International History since 1815 (Class)

Mr Watt, Dr Bridge, Mr Grün, Mr Dilks and Mr Bullen. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II students other than International History specialists.

FOR GRADUATE STUDENTS

312 International History in the Eighteenth Century (Seminar)

Professor Hatton. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Hatton.

313 International History, 1815-1939 (Introductory Course)

Dr Anderson. Michaelmas Term. At the Institute of Historical Research.

For beginners in research on the sources and methods of research in modern diplomatic history.

314 International History, 1814-1919 (Seminar)

Professor Joll. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Joll.

315 International History since 1919 (Seminar)

Professor Joll, Mr Grün and Mr Watt. Fortnightly, Sessional. Admission by permission of Professor Joll.

316 Scandinavian History (Seminar)

Professor Hatton. Fortnightly, Sessional.

Admission by permission of Professor Hatton.

317 Diplomatic Theory and Practice, 1500-1815

Professor Hatton. Sessional. For M.A. and M.Sc. only.

International History

318 Diplomatic Theory and Practice, 1815-1919

Dr Anderson. Sessional.

For M.A. and M.Sc. only.

319 Diplomatic Theory and Practice, 1919-1946

Mr Watt. Sessional.

For M.A. and M.Sc. only.

320 International History, 1914-1933 (Class)

Mr Grün. Michaelmas Term.

For M.A. and M.Sc. only.

Further classes for M.A. and M.Sc. students will be arranged as required.

General and Special Courses for B.A. Honours in History

325 English History before 1461

Mr Gillingham. Forty-five lectures in two sessions.

For B.A. History (first and second years).

Recommended reading will be given during the course.

326 Mediaeval English History (Classes)

Mr Gillingham and Dr Waley. Sessional.

For B.A. History.

327 English History, 1461–1784

Mrs Carter. Forty lectures, Michaelmas and Lent Terms.

For B.A. History (first year); B.Sc. (Geog.).

Recommended reading will be given during the course.

328 English History from 1461 to 1784 (Classes)

Mrs Carter. Classes and tutorials, Sessional.

For B.A. History; B.Sc. (Geog.) C 7.

329 Later Modern British History

Dr Brown and Dr Waley. Thirty lectures, Sessional.

For B.A. History; B.Sc. (Geog.) C 8.

Recommended reading will be given during the course.

330 English History, 1760 to the present day (Classes)

Dr Brown. Classes and tutorials, Sessional.

For B.A. History; B.Sc. (Geog.) C8.

331 European History, 1200–1500

Dr Waley. This course will not be given in the session 1968–69.

For B.A. History (first and second years).

Recommended reading will be given during the course.

332 Mediaeval European History (Classes)

Mr Gillingham and Dr Waley. Sessional.

For B.A. History.

333 European History since 1800

Miss Lee. This course will not be given in the session 1968–69; it will be given in the session 1969–70.

334 European History 1500–1800 (Classes)

Dr Anderson, Professor Hatton and Mr McKay. Sessional.

For B.A. History.

335 The History of Ancient and Mediaeval Political Thought

Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.

For B.A. History (first year).

Recommended reading will be given during the course.

336 The History of Political Thought (Class)

Michaelmas and Lent Terms.

For B.A. History (first year) fortnightly, (third year) weekly.

337 English Constitutional History from c. 1530 to 1914 (Class)

Mrs Carter. Fortnightly, Sessional.

For B.A. History, optional subject English Constitutional History c. 1530–1914 (second and third years).

English Constitutional History from c. 1530 to the middle of the eighteenth century. The second part of the course will be given by Dr Brown in the session 1969–70.

General and Special Courses for B.A. Honours in History

338 English Economic History (Classes)

Dr Bridbury and others. Sessional.

For B.A. History, optional subject English Economic History.

339 Diplomatic History, 1814–1945 (Classes)

Mr Bullen.

For B.A. History, optional subject Diplomatic History, 1814–1945.

340 The Economy of England: 1350–1500 (Intercollegiate Classes)

Miss Coleman and Dr Bridbury, Michaelmas and Lent Terms, at L.S.E. Mr Hodgett, Summer Term, at King's College.

For B.A. History, special subject The Economy of England in the Fifteenth Century.

341 Florence during the Renaissance, 1464–1512 (Intercollegiate Classes)

Sessional. Till November at Westfield College.

Thereafter, Dr Waley at L.S.E.

For B.A. History, special subject Florence during the Renaissance, 1464–1512.

342 The Eastern Question, 1875–1881 (Intercollegiate Seminar)

Dr Bourne and Mr Parry.

For B.A. History, special subject The Eastern Question, 1875–1881.

Note: Intercollegiate lecture courses covering the field of Mediaeval European History from 400–1500 and Modern European History from 1500 to the present day are given at the Senate House on Monday mornings throughout the session.

Reference should also be made to the following courses:

No. 262: **Introduction to Modern English Economic History**

No. 291: **International History, 1494–1815**

No. 292: **International History, 1815–1914**

No. 293: **International History since 1914**

No. 562: **Three Key Mediaeval Political Thinkers**

No. 563: **Political Thought from Hobbes to Burke**

Industrial Relations

Industrial Relations

348 Industrial Relations

Professor Roberts and Mr Loveridge. Twenty lectures, Michaelmas and Lent Terms.

For graduate students; Trade Union Studies course; Dip. Personnel Management.

Syllabus Analysis of the structure of the British system of industrial relations. The growth, organization and ideology of the trade unions. Factors determining the pattern of industrial relations at the level of the enterprise. The dynamics of collective bargaining. The role of management and employers' associations. Relations at the national level between trade unions, employers and the Government. Functions of the Ministry of Labour and statutory bodies. Theories of Industrial Relations.

Recommended reading S. and B. Webb, *A History of Trade Unionism*; S. and B. Webb, *Industrial Democracy*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives*; H. A. Turner, *Trade Union Growth, Structure and Policy*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; Royal Commission on Trade Unions and Employers' Associations, written evidence of the Ministry of Labour; Royal Commission on Trade Unions, written evidence of the Confederation of British Industry; United Kingdom Ministry of Labour, *Industrial Relations Handbook*; G. D. H. Cole, *A Short History of the British Working-Class Movement*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; J. Lovell and B. C. Roberts, *A Short History of the T.U.C.*; Eric Wigham, *What's Wrong with the Unions?*; J. Dunlop, *Industrial Relations Systems*; W. Milne-Bailey, *Trade Unions and the State*; E. Schneider, *Industrial Sociology*; W. E. Moore, *Industrial Relations and the Social Order*; W. McCarthy, *The Closed Shop in Britain*; V. L. Allen, *Trade Unions and the Government*; R. E. Walton and R. B.

McKersie, *A Behavioral Theory of Labor Negotiations*; G. Cyriax and R. Oakeshott, *The Bargainers*; A. Flanders, "The Internal Social Responsibilities of Industry" (*British Journal of Industrial Relations*, Vol. IV, No. 1, March 1966); R. A. Lester, *As Unions Mature*; W. H. Scott et al., *Technical Change and Industrial Relations*; T. T. Patterson, *Glasgow Ltd.*; A. Sturmthal, *Contemporary Collective Bargaining*; M. Fogarty, *The Just Wage*; F. J. Bayliss, *British Wages Councils*.

348(a) Industrial Relations (Class) Sessional.

For the Trade Union Studies course.

348(b) Industrial Relations (Class) Professor Roberts. Sessional.

For M.Sc. students.

349 Trade Unions in Britain: a Political History

Professor Roberts. Ten lectures, Michaelmas Term.

For the Trade Union Studies course; Dip. Personnel Management; graduate students.

Syllabus The course will cover selected aspects of trade union developments from the foundation of the T.U.C. to the present day.

Recommended reading B. C. Roberts, *The Trades Union Congress, 1868-1921*; J. Lovell and B. C. Roberts, *A Short History of the T.U.C.*; W. J. Davis, *History and Recollections of the T.U.C.* (2 Vols.); S. and B. Webb, *A History of Trade Unionism*; H. A. Clegg, A. Fox and A. F. Thompson, *A History of British Trade Unions since 1889* (Vol. I, 1889-1910); R. Postgate, *The Builders' History*; G. D. H. Cole, *Short History of the Working Class*; *History of the Labour Party*; H. M. Pelling, *The Origins of the Labour Party, 1880-1900*; W. H. Crook, *The General Strike*; R. C. K. Ensor, *England, 1870-1914*; E. Halévy, *A History of the English People—Epilogue*, Vol. I, 1895-1905, Vol. II, 1905-1915; J. B. Jefferys, *The Story of the Engineers*; *Annual Reports of the Trades Union Congress*; F. Bealey and H. M. Pelling,

Industrial Relations

Labour and Politics, 1900-1906; Martin Harrison, *Trade Unions and the Labour Party since 1945*; V. L. Allen, *Trade Unions and the Government*; E. P. Thompson, *The Making of the English Working Class*; R. Harrison, *Before the Socialists: Studies in Labour and Politics, 1861-1881*; A. J. P. Taylor, *English History, 1914-1945*.

350 Comparative Industrial Relations

Professor Roberts. Ten lectures, Lent Term.

For graduate students; suitable for the Trade Union Studies course and Dip. Personnel Management.

Syllabus Some aspects of the development of industrial relations in the U.S.S.R., U.S.A., the British Commonwealth and Europe. The development of trade union organization, functions and methods of collective bargaining. The role of the state with reference to wage determination and the settlement of industrial conflicts. The pattern of industrial relations at the plant level.

Recommended reading I. Deutscher, *Soviet Trade Unions*; G. R. Barker, *Some Problems of Incentives and Labour Productivity in Soviet Industry*; F. R. Dulles, *Labor in America*; H. W. Davey, *Contemporary Collective Bargaining*; D. H. Wollett and B. Aaron, *Labor Relations and the Law*; A. E. C. Hare, *Report on Industrial Relations in New Zealand*; W. Galenson (Ed.), *Comparative Labor Movements*; International Labour Office, 1950, *Labour-Management Cooperation in France*; H. J. Spiro, *The Politics of German Co-determination*; K. F. Walker, *Industrial Relations in Australia*; B. C. Roberts, *National Wages Policy in War and Peace*; A. F. Sturmfthal, *Contemporary Collective Bargaining in Seven Countries*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Issues*; *British Journal of Industrial Relations* (Special Issue on Incomes Policy, Nov. 1964, Vol. II, No. 3; Special Issue on Japan, July 1965, Vol. III, No. 2); F. Harbison and C. Myers, *Management in the Industrial World*; A. F. Sturmfthal, *Workers' Councils*.

351 Labour Problems

Professor Roberts, Dr Primorac and Mr Thurley. Sessional.

An inter-disciplinary seminar on the problems of labour economics and industrial relations. Open to graduates taking labour economics, labour law, industrial sociology, industrial relations and related subjects.

352 Industrial Sociology

Mr Thurley. Twenty-five lectures, Sessional.

For graduate students with previous sociological training.

Syllabus Basic concepts used in the theory of work behaviour. Formal and informal work organization. Role, status and "political" systems. Authority systems and managerial ideologies. Theory of the primary work group. Control of output by workers and financial incentive schemes. Leadership and theories of supervision. Classical and "human relations" theories of management behaviour. Theory of bureaucracy and models of organizational conflict. Relationship between technology, role systems and work behaviour. Social and cultural factors affecting industrialization, innovation and the speed of technical change. Sociology of the labour market and of the occupational system.

Recommended reading J. C. Abegglen, *The Japanese Factory*; C. M. Arensberg et al., *Research in Industrial Human Relations*; R. Bendix, *Work and Authority in Industry*; P. Blau, *Dynamics of Bureaucracy*; E. F. L. Brech, *Organisation: The Framework of Management*; Wilfred Brown, *Exploration in Management*; T. Burns, *Sociology of Industry*; T. Burns and G. M. Stalker, *The Management of Innovation*; M. Crozier, *The Bureaucratic Phenomena*; R. Dubin, *The World of Work: Industrial Society and Human Relations*; Etzioni, *Complex Organizations*; European Productivity Agency, *Report of Rome Conference on Human Relations, 1956*; G. Friedman, *The Anatomy of Work*; A. Gouldner, *Patterns of Industrial Bureaucracy*; E. Jaques, *The Changing Culture of a*

Industrial Relations

Factory; C. Kerr et al., *Industrialisation and Industrial Man*; R. L. Kahn et al., *Organisational Stress*; James W. Kuhn, *Bargaining in Grievance Settlement*; S. B. Levine, *Industrial Relations in Post-War Japan*; R. Likert, *New Patterns of Management*; S. M. Lipset and R. Bendix, *Social Mobility in Industrial Society*; T. Lupton, *On the Shop Floor*; D. McGregor, *The Human Side of the Enterprise*; J. G. March, *Handbook of Organisation*; S. Pollard, *The Genesis of Modern Management*; L. R. Sayles, *Behaviour of Industrial Work Groups*; W. H. Scott et al., *Technical Change and Industrial Relations*; H. A. Simon, *Administrative Behaviour*; J. H. Smith, *The University Teaching of Social Sciences: Industrial Sociology*; E. L. Trist, G. W. Higgin, H. Murray and A. B. Pollock, *Organisational Choice*; K. E. Thurley and A. C. Hamblin, *The Supervisor and his Job*; C. R. Walker, R. H. Guest and A. N. Turner, *The Foreman on the Assembly Line*; J. Woodward, *Industrial Organisation*.

352(a) Industrial Sociology

Weekly tutorial groups for those taking Course No. 352.

352(b) Industrial Sociology

Mr Thurley. Twenty-four lectures, Sessional.

For Dip. Personnel Management.

Syllabus An introduction to industrial sociology and analysis of personnel management policy and practice (selection, promotion, training, payment, consultation, work organization) in terms of these concepts.

352(c) Industrial Sociology

Theories and Methods. Tutorial groups for those taking Course No. 352(b).

352(d) Industrial Sociology (Class)

For Trade Union Studies course.

353 Introduction to Industrial Sociology

Mr Thurley. Twenty lectures,

Michaelmas and Lent Terms. For graduate students in Industrial Relations.

Syllabus An introduction to the sociology of work behaviour. Administrative and industrial relations problems discussed with this perspective.

Recommended reading S. R. Parker, R. K. Brown, J. Child and M. A. Smith, *The Sociology of Industry*; R. Dubin, *The World of Work*; E. V. Schneider, *Industrial Sociology*; T. Caplow, *The Sociology of Work*.

354 Theories in Industrial Relations

Mr Loveridge. Six lectures, Summer Term.

For the Trade Union Studies course; Dip. Personnel Management; graduate students.

Syllabus The course will cover the theories of the Webbs, Hoxie, Perlman, Tannenbaum, Dunlop, Kerr, Lester, Flanders etc.

Recommended reading J. T. Dunlop, *Industrial Relations Systems*; S. and B. Webb, *Industrial Democracy*; R. F. Hoxie, *Trade Unionism in the United States*; S. Perlman, *Theory of the Labor Movement*; F. Tannenbaum, *A Philosophy of Labor*; C. Kerr et al., *Industrialism and Industrial Man*; R. A. Lester, *As Unions Mature*; A. Flanders, *Industrial Relations: What is Wrong with the System?*; A. Flanders, "Collective Bargaining: A Theoretical Analysis" (*British Journal of Industrial Relations*, Vol. VI, No. 1, March 1968); H. Behrend, "The Field of Industrial Relations" (*British Journal of Industrial Relations*, Vol. I, No. 3, October 1963); R. E. Walton and R. B. McKersie, *A Behavioral Theory of Labor Negotiations*.

355 Trade Union Problems (Seminar)

Mr Loveridge and guest speakers. Lent and Summer Terms.

Admission is strictly limited to the Trade Union Studies course.

Industrial Relations

356 Industrial Relations (Seminar)
Professor Roberts, Miss Seear and
Mr Thurley. Lent Term.

For Dip. Personnel Management; Trade
Union Studies course; graduate students.

357 Labour Statistics

Eight lectures, Lent Term.

For Dip. Personnel Management; M.Sc.:
Industrial Relations; Trade Union Studies
course.

Syllabus Statistics of employment and
unemployment, wages, earnings and cost

Course in Trade Union Studies

Lectures and Classes will be provided in the following subjects: Economics; Contemporary Trade Unionism and Industrial Relations; British Economic and Social History with special reference to the growth of labour movements; Law, with special reference to trade unionism; Political Organization in Great Britain; Industrial Sociology and Psychology; Elementary Statistics and Business Finance.

of living. Special problems such as
absenteeism, labour turnover, short-time
and overtime working, manpower
forecasting.

Students are also referred to the
following courses:

**No. 39: Labour: Organization and
Relations**

No. 73: Labour Economics

No. 447: Elements of Labour Law

No. 761: Industrial Psychology

International Studies

Many of the subjects in which instruction is given at the School are relevant to the student of international affairs, who will find amongst the courses of study listed under the heads, for example, of Anthropology, Geography and Government several that will be of interest to him. There should, however, be singled out for special mention the courses of instruction listed under the heads of:

International Economics: Courses 49, 68-71

International History: Courses 288-320

International Law: Course 435
and, particularly,

International Relations: Courses 510-553

International Studies

Department of International Studies
University of Toronto
127 St. George Street
Toronto, Ontario M5S 1A5

Phone: (416) 978-2800

Fax: (416) 978-2801

Website: www.internationalstudies.utoronto.ca

127 St. George Street

Toronto, Ontario M5S 1A5

Language Studies

Department of Language Studies
University of Toronto
127 St. George Street
Toronto, Ontario M5S 1A5

Phone: (416) 978-2800

Fax: (416) 978-2801

Website: www.languagestudies.utoronto.ca

127 St. George Street

Toronto, Ontario M5S 1A5

- 381 Linguistics (General)
- 382 French
- 383 Spanish
- 383 German
- 384 Italian
- 385 Russian
- 385 English

N.B. Language Laboratory: Language tapes at various levels (including beginners) are available for self-instruction and for use in connection with regular classes. Enquiries to the Language Laboratory Assistant, 5-6 Clement's Inn, 5th floor.

Language Studies

(English, French, German, Italian, Russian, Spanish, General Linguistics and Phonetics)

All new students wishing to study a language must register with the Secretary of the Department in the first week of the Session. Students who, having already taken a language in Part I of the B.Sc. (Econ.), wish to continue with it in Part II, should consult their supervisor in the language concerned.

GENERAL

360 Introduction to General Linguistics

Miss Aitchison. Twenty-five lectures, Sessional.

For all B.A. degrees in Language Studies (first year). Michaelmas Term only: for B.Sc. (Soc. Anth.) Part III, 2b(i).

Syllabus Scope of General Linguistics, descriptive, comparative and historical. Language as structured symbolic activity; the emic/etic distinction, langue v. parole, code v. message; levels of analysis; form and meaning; phonology, morphology, syntax; change and stability in linguistic systems, convergence and divergence; genetic relationship and affinity; language and dialect; important language families; written and spoken forms of language, notions of purism and correctness, social judgments.

Recommended reading E. Sapir, *Language*; A. Martinet, *Éléments de linguistique générale*; H. A. Gleason, *An Introduction to Descriptive Linguistics* (2nd edn.); R. H. Robins, *General Linguistics: An Introductory Survey*; F. de Saussure, *Cours de Linguistique générale* (4th edn.); L. Bloomfield, *Language*.

360(a) Introduction to General Linguistics (Class)

Miss Aitchison. Fortnightly, Sessional.

For B.A. French/Ling.; Ger./Ling. (first year). Michaelmas Term only: for B.Sc. (Soc. Anth.) Part III, 2b(i).

361 Introduction to General Phonetics

Dr Denison and others. Twenty lectures, Michaelmas and Lent Terms.

For all B.A. degrees in Language Studies (first year).

Syllabus Elementary articulatory and acoustic phonetics.

Recommended reading K. L. Pike, *Phonetics*; D. Jones, *The Phoneme*; L. E. Armstrong, *The Phonetics of French*; L. E. Armstrong and I. C. Ward, *A Handbook of English Intonation*; I. C. Ward, *The Phonetics of English*; B. Malmberg, *La Phonétique* (No. 637 in 'Que sais-je' series); D. Jones, *An Outline of English Phonetics* (9th edn.); P. Ladefoged, *Elements of Acoustic Phonetics*; D. A. Abercrombie, *Elements of General Phonetics*.

361(a) Introduction to General Phonetics (Class)

Dr Denison. Fortnightly, Sessional. For B.A. French/Ling.; Ger./Ling. (first year).

362 Grammatical Theory

Mr Durkin. Sessional.

For B.A. French/Ling.; Ger./Ling. (second year).

Syllabus and reading list to be announced.

363 Historical Linguistics

Miss Aitchison. Michaelmas Term.

For B.A. French/Ling. 4 and 5a; Ger./Ling. 6 (second year).

Syllabus and reading list to be announced.

364 Sociolinguistics

Dr Denison. Lent Term.

For B.A. French/Ling. 4 and 5c;
Ger./Ling. 8 (second year).

Syllabus and reading list to be announced.

365 Language and Society (Seminar)

Dr Denison, Mr Hotopf and
Professor Freedman. Summer Term.

For graduate students.

FRENCH

366 (i) The History of the French Language, I

Dr George. Twenty-five lectures,
Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (first year).

Recommended reading A. Ewert, *The French Language*; W. von Wartburg, *Evolution et structure de la langue française* (6th edn.); C. Bruneau, *Petite histoire de la langue française*, Vol. I, *Des origines à la Révolution* (3rd edn.).

366 (ii) The History of the French Language, II

Dr George. Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (second year).

367 Nineteenth and Twentieth Century French Literature, I

Mrs Scott-James. Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (first year).

368 Nineteenth and Twentieth Century French Literature, II

Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (second year).

369 France since 1944 (Seminar)

Dr Tint. Lent and Summer Terms.

For M.Sc.; B.A. French/Ling.; French/
Spanish; French/Ger. (first year); and
other students by permission of Dr Tint.

370 French Translation I (Class)

Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (first year); B.Sc. (Econ.)
Part I: alternative subject 11, *An Approved Modern Foreign Language: French*.

371 French Contemporary Texts and Discussion (Class)

Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (first year); B.Sc. (Econ.)
Part I: alternative subject 11, *An Approved Modern Foreign Language: French*.

372 French Political and Social Texts from 1815 (Class)

Dr Tint. Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: French*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

373 French Translation II (Class)

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: French*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second year).

374 French Essay (Class)

Fortnightly, Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (first year); B.Sc. (Econ.)
Part II: *An Approved Modern Foreign Language: French*, I 3c; III 3d; VI 8d;
VII 7 and 8i; VIII 3f; XII 8g; XIV 3d
(second year).

375 French Translation III (Class)

Fortnightly, Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (second year); B.Sc. (Econ.)

Part II: *An Approved Modern Foreign Language: French*, I 3c; III 3d; VI 8d;
VII 7 and 8i; VIII 3f; XII 8g; XIV 3d
(third year).

376 French Essay II (Class)

Fortnightly, Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (second year); B.Sc. (Econ.)
Part II: *An Approved Modern Foreign Language: French*, I 3c; III 3d; VI 8d;
VII 7 and 8i; VIII 3f; XII 8g; XIV 3d
(third year).

377 French Special Subjects

Weekly, Sessional.

For B.A. French/Ling.; French/Spanish;
French/Ger. (second year).

378 Beginners' French

Beginners' French language classes will be arranged for undergraduates, graduates and staff on an extracurricular basis, but requiring regular attendance. Early registration with the Secretary of the Department is essential.

SPANISH

379 The History of the Spanish Language, I

Mr Gooch. Sessional.

For B.A. French/Spanish; Ger./Spanish
(first year).

Syllabus A linguistic study of selected early texts (to be specified).

380 Spanish Translation I (Class)

Mr Gooch. Sessional.

For B.A. French/Spanish; Ger./Spanish
(first year); B.Sc. (Econ.) Part I:
alternative subject 11, *An Approved Modern Foreign Language: Spanish*.

381 Spanish Contemporary Texts and Discussion (Class)

Mr Gooch. Sessional.

For B.A. French/Spanish; Ger./Spanish
(first year); B.Sc. (Econ.) Part I: alternative

subject 11, *An Approved Modern Foreign Language: Spanish*.

Recommended reading There are no prescribed texts, but students will find the following books helpful: L. C. Harmer and F. J. Norton, *A Manual of Modern Spanish*; R. K. Spaulding, *Syntax of the Spanish Verb*; R. K. Spaulding, *How Spanish Grew*; W. C. Atkinson, *A History of Spain and Portugal*; J. García López, *Historia de la literatura Española*; F. Eguíagaray, *Historia contemporánea de España*.

382 Spanish Essay (Class)

Mr Gooch. Fortnightly, Sessional.

For B.A. French/Spanish; Ger./Spanish
(first year); B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Spanish*, I 3c; III 3d; VI 8d; VII 7 and 8i;
VIII 3f; XII 8g; XIV 3d (second and third years).

383 Spanish Translation II (Class)

Mr Gooch. Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Spanish*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

384 Selected Nineteenth and Twentieth Century Spanish Authors

Mr Gooch. Sessional.

For B.A. French/Spanish; Ger./Spanish
(first year); B.Sc. (Econ.) Part II: *An Approved Modern Foreign Language: Spanish*, I 3c; III 3d; VI 8d; VII 7 and 8i;
VIII 3f; XII 8g; XIV 3d (second and third years).

Students who wish to study Spanish outside the framework of courses for examination should consult Mr Gooch as early as possible in the session.

GERMAN

385 The History of the German Language, I

Dr Denison and Mr Durkin.
Sessional.

For B.A. Ger./Ling.; French/Ger.;
Ger./Spanish (first year).

Syllabus and reading list to be specified.

Language Studies

386 German Translation I (Class)
Weekly, Sessional.

For B.A. Ger./Ling.; French/Ger.;
Ger./Spanish (first year); B.Sc. (Econ.)
Part I: alternative subject 11, *An Approved
Modern Foreign Language: German.*

**387 German Contemporary Texts
and Discussion (Class)**
Weekly, Sessional.

For B.A. Ger./Ling.; French/Ger.;
Ger./Spanish (first year); B.Sc. (Econ.)
Part I: alternative subject 11, *An Approved
Modern Foreign Language: German.*

388 German Translation II (Class)
Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: German*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

389 German Essay (Class)
Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: German*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

**390 Selected Nineteenth and
Twentieth Century German Authors**
Weekly, Sessional.

For B.A. Ger./Ling.; French/Ger.;
Ger./Spanish (first year); B.Sc. (Econ.)
Part II: *An Approved Modern Foreign
Language: German*, I 3c; III 3d; VI 8d;
VII 7 and 8i; VIII 3f; XII 8g; XIV 3d
(second and third years).

Students who wish to study German at any
level (including beginners), outside the
framework of courses for examination,
should consult the Secretary of the
Department as early as possible in the
session.

ITALIAN

391 Italian Translation I (Class)
Weekly, Sessional.

For B.Sc. (Econ.) Part I: alternative
subject 11, *An Approved Modern Foreign
Language: Italian.*

**392 Italian Contemporary Texts and
Discussion (Class)**
Weekly, Sessional.

For B.Sc. (Econ.) Part I: alternative
subject 11, *An Approved Modern Foreign
Language: Italian.*

Recommended reading There are no
prescribed texts, but students will find the
following books helpful: D. Mack Smith,
Italy, a Modern History; M. Grindrod,
The Rebuilding of Italy; D. S. Walker, *A
Geography of Italy.*

393 Italian Translation II (Class)
Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: Italian*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

394 Italian Essay (Class)
Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: Italian*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

**395 Selected Nineteenth and
Twentieth Century Italian Authors**
Weekly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: Italian*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

Students who wish to study Italian at any
level (including beginners), outside the
framework of courses for examination,
should consult the Secretary of the
Department as early as possible in the
session.

Language Studies

RUSSIAN

396 Russian Translation I (Class)
Weekly, Sessional.

For B.Sc. (Econ.) Part I: alternative
subject 11, *An Approved Modern Foreign
Language: Russian.*

**397 Russian Contemporary Texts
and Discussion (Class)**
Weekly, Sessional.

For B.Sc. (Econ.) Part I: alternative
subject 11, *An Approved Modern Foreign
Language: Russian.*

Suggested reading There are no prescribed
texts, but students will find the following
books helpful: I. M. Pulkina, *A Short
Russian Reference Grammar*; D. Ward,
Russian Pronunciation; V. Klepko, *Stress
in Russian*; P. Henry, *Russian Prose
Composition*; R. Charques, *A Short
History of Russia*; M. Slonim, *An Outline
of Russian Literature*, Vols. I and II;
Soviet Short Stories (Penguin); D. Ward,
Russian Today.

398 Russian Translation II (Class)
Weekly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: Russian*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

399 Russian Essay (Class)
Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: Russian*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

**400 Selected Nineteenth and
Twentieth Century Russian Authors**
Weekly, Sessional.

For B.Sc. (Econ.) Part II: *An Approved
Modern Foreign Language: Russian*, I 3c;
III 3d; VI 8d; VII 7 and 8i; VIII 3f;
XII 8g; XIV 3d (second and third years).

Students who wish to study Russian at any
level (including beginners), outside the

framework of courses for examination,
should consult the Secretary of the
Department as early as possible in the
session.

ENGLISH

401 English as a Foreign Language
Mr Chapman. Twenty-four lectures,
Sessional.

For students whose native language is not
English.

Syllabus The sentence. Nouns; articles
and other modifiers of nouns. Pronouns.
The verb; questions and negative state-
ments; use of the tenses; auxiliaries;
subject and object. Direct and reported
speech. Position of adverbs. Prepositions.
Clauses of purpose, result and condition.
Number. Word-order. Punctuation.
Figures of speech. Changes of meaning.
Methods of word-formation.

Recommended reading V. H. Collins, *A
Book of English Idioms, with Explanations*;
O. Jespersen, *Essentials of English
Grammar*; C. L. Wrenn, *The English
Language*; S. Potter, *Our Language*;
H. Bradley, *The Making of English*; H. W.
Fowler, *Modern English Usage*; *The
Concise Oxford Dictionary*; G. H. Vallins,
The Pattern of English.

**401(a) English as a Foreign
Language (Class)**

Mr Chapman. In connection with
Course No. 401.

For the discussion of written work and
problems of contemporary usage.
Admission will be by permission of
Mr Chapman.

402 English Speech

Mr Chapman. Five lectures,
Michaelmas Term.

For students whose native language is not
English, though this course may be of
value to other students.

Language Studies

Syllabus Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.

Recommended reading J. R. Firth, *Speech*; D. Jones, *An English Pronouncing Dictionary*; N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*; A. C. Gimson, *An Introduction to the Pronunciation of English*.

403 Written English

Mr Chapman. Eight lectures, Lent Term.

Open to all students. Recommended for candidates for Civil Service and similar public examinations.

Syllabus The basic structure of English. Choice of words. Meaning and association.

Sentence-formation. Levels of communication. Punctuation. Preparation and presentation of material.

Recommended reading R. Chapman, *A Short Way to Better English*; Ernest Gowers, *Plain Words*; H. W. Fowler, *The King's English*; A. Quiller-Couch, *The Art of Writing*; R. Quirk, *The Use of English*; G. H. Vallins, *Good English*.

404 History of English Style

Mr Chapman. Sessional.

For students of English as a Foreign Language.

Syllabus Comparative study of prose style from the seventeenth century, with particular attention to modern writing, including scientific, technical and political texts. Students will be expected to buy a copy of *English Essays*, edited by W. E. Williams (Penguin Books).

Law

Law

COURSES INTENDED PRIMARILY FOR LL.B. STUDENTS

420 English Legal System

Mr Zander and Professor Milsom.
Thirty-eight lectures, Sessional.

For LL.B. Intermediate.

Syllabus I. *Learning the law* (five lectures in the first week):

The nature of the legal process; case and statute law and the courts; law reports and the library.

Recommended reading G. L. Williams, *Learning the Law*.

Syllabus II.

(a) *Making the law*: sources of law; custom; precedent; statutes and statutory interpretation.

(b) *Changing the law*: the machinery of law reform; codification.

(c) *Historical development of the English legal system*: origins of common law; general outline of the forms of action; development of equity; the law merchant; nineteenth-century reforms.

(d) *The Courts*: their structure, organization, jurisdiction.

(e) *Pre-trial*:

(1) Civil: interlocutory proceedings, pleadings.

(2) Criminal: investigation of crime by the police; the Judges' Rules; police powers of search, phone tapping; arrest; bail.

(f) *The Trial*:

(1) Proceedings before the magistrates, including preliminary hearings; procedure in civil and criminal trials; rules of evidence. The jury.

(2) Remedies; enforcement of judgments; sentencing. The appeal process. The costs of litigation; legal aid; right to counsel.

(g) *Alternative methods of settling disputes*: arbitration; administrative tribunals; control of the administration by the courts.

(h) *The legal profession*: judges, barristers and solicitors.

PRESCRIBED TEXTBOOK: R. M. Jackson, *The Machinery of Justice in England*.

Recommended reading G. R. Y. Radcliffe and G. Cross, *The English Legal System*; O. Hood Phillips, *A First Book of English Law*; G. L. Williams, *Proof of Guilt*; P. A. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; P. Archer, *The Queen's Courts*; S. Bedford, *Faces of Justice; The Best We Can Do*; C. K. Allen, *Law in the Making*; R. E. Megarry, *The Lawyer and Litigant in England*.

Students should consult the latest editions of these books.

Note Students are also required to attend course No. 24. Topics in Applied Economics.

421 Public Law I: Elements of Government

Professor Griffith and Mr Thornberry. Twenty-four lectures, Sessional.

For LL.B. Intermediate; B.Sc. (Soc.) Branch III, 2 (first year). Optional for Dip. Soc. Admin. (first year and one-year).

Syllabus (1) *The special characteristics of public law in England*.

(2) *The institutions of government*:

(a) The Prime Minister, the Cabinet, the central government departments. The civil service. Political parties.

(b) Local authorities: their staff.

(c) Public corporations: their staff.

(d) Parliament: its composition, functions and privileges. Ministerial responsibility. Elections.

(e) The Judiciary: its constitutional position.

(3) *The processes of government*:

The administrative process: its characteristics. The working of government. The functional relations between the institutions of government. The royal prerogative.

The legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills.

The judicial process: its characteristics.

The impact of the courts on the processes of government. Administrative tribunals.

Recommended reading O. Hood Phillips, *Constitutional and Administrative Law* or

E. C. S. Wade and G. G. Phillips, *Constitutional Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law*; W. I. Jennings, *The Law and the Constitution*; R. F. V. Heuston, *Essays in Constitutional Law*.

FURTHER READING AND REFERENCE: D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* or O. Hood Phillips, *Leading Cases in Constitutional Law*; J. A. G. Griffith and H. Street, *A Casebook of Administrative Law*; A. V. Dicey, *Introduction to the Study of the Law of Constitution*; W. I. Jennings, *Principles of Local Government Law*; *Parliament*; *Cabinet Government*; J. P. Mackintosh, *The British Cabinet*; G. C. Moodie, *The Government of Great Britain*; G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; L. S. Amery, *Thoughts on the Constitution*; A. H. Birch, *Representative and Responsible Government*; W. J. M. Mackenzie and J. W. Grove, *Central Administration in Britain*; R. T. McKenzie, *British Political Parties*; Eric Taylor, *The House of Commons at Work*; W. E. Jackson, *Local Government in England and Wales*; W. A. Robson, *Nationalised Industry and Public Ownership*. Students should consult the latest editions of these books.

422 Law of Contract I

Professor Grunfeld. Twenty-eight lectures, Sessional.

For LL.B. Intermediate.

Syllabus Functions of contract. Background and modern problems of the English Law.

Formation of valid contracts; intention to create legal relations; offer and acceptance; certainty; consideration; capacity; form. Content: terms of the contract; interpretation of terms; express and implied terms; legal basis of standard contracts; judicial and legislative control of contract; oral, written and collateral contracts. Misrepresentation; mistake; duress and undue influence.

Privity of contract and its problems. (Note: assignment and agency are as such excluded.)

Performance: agreed variation and abrogation; discharge by breach and frustration.

Remedies for breach (in outline). Quasi-contractual remedies (in outline).

Recommended reading TEXTBOOKS: G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*; J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; R. Sutton and N. P. Shannon, *On Contract* (Ed. K. W. Wedderburn); G. H. Treitel, *The Law of Contract*; W. R. Anson, *Principles of the English Law of Contract* (Ed. A. G. Guest).

FURTHER READING: P. S. Atiyah, *An Introduction to the Law of Contract*; J. Chitty, *On Contracts* (Vol. I, Ed. J. Morris); J. W. Salmond and J. Williams, *Principles of the Law of Contract*; P. S. Atiyah, *The Sale of Goods*; J. F. Wilson, *Principles of the Law of Contract*; F. Pollock, *Principles of Contract* (Ed. P. H. Winfield); W. G. Friedmann, *Law in a Changing Society* (chap. 4); C. H. S. Fifoot, *History and Sources of Common Law*; L. C. B. Gower, *Law of Business in Law and Opinion in England in the 20th Century* (Ed. Ginsberg); A. Diamond and G. Borrie, *The Consumer, Society and the Law*.

Students should consult the latest editions of these books.

423 Law of Tort I

Mr Dean and Mr D. M. E. Evans. Twenty-nine lectures, Michaelmas and Lent Terms.

For LL.B. Intermediate.

Syllabus Part I: Introduction.

General Observations: a brief examination of the various interests protected by the law of tort and the mental element involved in tort generally.

Part II: Intentional torts to person and property.

(a) Trespass to the person. This should cover assault, battery and false imprisonment and *Wilkinson v. Downton*. In addition, however, it is appropriate here to consider and compare malicious prosecution.

(b) Chattels. This covers trespass to chattels, conversion and detinue.

(c) Trespass to land.

(d) General defences to intentional torts to persons and property.

Part III: Negligent invasions of interests in person and property.

(a) Negligence generally (including *res ipsa loquitur*) and a brief indication of causation and remoteness. (A full discussion of causation and remoteness is deferred until Part II of the course.)

(b) Particular examples of duty to take care:

(i) Chattel liability.

(ii) Negligence in relation to premises.

(iii) Employer's duty of care to workmen (briefly: a fuller study is deferred until the second-year course).

(iv) Animals.

(v) Statement (briefly: a fuller examination is deferred until Part II).

Part IV: Invasion of interests in person and property where intentional or negligent conduct need not always be proved.

(a) Nuisance.

(b) *Rylands v. Fletcher*.

Part V: Residual interests receiving protection in the law of tort.

(a) Interference with family relations.

(b) Liability between spouses.

(c) Miscellaneous interests.

Recommended reading TEXTBOOKS: J. W. Salmond, *The Law of Torts*; H. Street, *The Law of Torts*; P. H. Winfield, *Textbook on the Law of Tort*; J. G. Fleming, *Introduction to the Law of Torts*.

FURTHER READING: C. A. Wright, *Cases on the Law of Torts*; J. F. Clerk and W. H. B. Lindsell, *The Law of Torts*; S. Chapman, *Statutes on the Law of Torts*; J. G. Fleming, *The Law of Torts*; W. L. Prosser, *Handbook of the Law of Torts*. Students should consult the latest editions of these books.

424 Law of Real and Personal Property I

Professor Milsom and Mr D. M. E. Evans. Twenty-four lectures of one-and-a-half hours, Sessional.

For LL.B. Intermediate.

Syllabus General introduction: purposes of property law; types of property and of property right; nature and historical origin of equitable interests.

Chattels: basis of title; finding; bailment; gift; sale.

Land: tenure; estates; uses and trusts; outline of future interests before 1925; easements etc.; effects in outline of 1925 legislation; conveyance and estate contract. Choses in action: types; assignment of debts; negotiable instruments (in outline); transfer of shares; assignment of equitable interests.

Devolution on death, including family provision (in outline).

Property as security: pledge; hire purchase etc. (in outline); mortgage.

Recommended reading TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property*; R. E. Megarry, *Manual of Real Property*; J. Crossley Vaines, *Personal Property*. FURTHER REFERENCE: F. H. Lawson, *The Law of Property*; A. D. Hargreaves, *Introduction to the Principles of Land Law*; G. W. Paton, *Bailment in Common Law*; O. R. Marshall, *Assignment of Choses in Action*.

Students should consult the latest editions of these books.

425 Criminal Law

Mr Hall Williams, Mr D. A. Thomas, Dr Leigh and Mr Downey. Forty-six lectures, Sessional.

For LL.B. Part I.

Syllabus A. General Principles of Responsibility.

The need for a principle of responsibility and the growth of strict responsibility. Objective and subjective tests of liability. The meaning of *Actus Reus* and *Mens Rea*. Acts and omissions. Voluntary and involuntary conduct. Causation. Intention, recklessness and negligence. Principles of construction of penal legislation. Attempts, conspiracy and degrees of participation. General defences.

Specific Problems of Responsibility.

Mental disorder: insanity, diminished responsibility and the treatment of the mentally ill. Infancy. Corporations and group responsibility. Vicarious liability. B. *Specific Crimes: Legal Definition and Social Pathology.*

The more important criminal offences against person and property will be considered against the context of

behavioural patterns in society and the use of the criminal law as a means of social control.

C. Introduction to Criminology.

Causal factors in crime. Crime prevention. Theory and purposes of punishment. The sentencing process and the function of the Courts; principles of sentencing policy. Treatment of offenders.

Recommended reading BASIC TEXTBOOKS: J. C. Smith and B. Hogan, *Criminal Law*; G. L. Williams, *Criminal Law: The General Part*; R. Cross and P. A. Jones, *Introduction to Criminal Law*; C. S. Kenny, *Outlines of Criminal Law*; J. W. C. Turner and A. L. Armitage, *Cases on Criminal Law*; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*. FURTHER READING: W. O. Russell, *Crime* (Ed. J. W. C. Turner); N. R. Morris and C. Howard, *Studies in Criminal Law*; J. Ll. J. Edwards, *Mens Rea in Statutory Offences*; C. Howard, *Strict Responsibility*; A. Goldstein, *The Insanity Defense*; B. Wootton, *Crime and the Criminal Law*; N. Walker, *Crime and Punishment in Britain*; Report of the Royal Commission on Capital Punishment, 1953 (Cmd. 8932); Report of the Interdepartmental Committee on the Business of the Criminal Courts (Streatfeild Committee) (Cmd. 1289); Criminal Law Revision Committee, Eighth Report, *Theft and Related Offences*, 1966 (Cmd. 2977).

Students should consult the latest editions of these books.

Note The lecturer will give guidance at the commencement of the course on the books to be selected for basic reading. Students are accordingly advised to defer final selection until they have consulted the lecturer or their tutors.

426 Sentencing and the Treatment of Offenders

Mr Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Part I; B.A./B.Sc. (Soc.) Branch I, 9 and 10d (second year); B.Sc. (Econ.) Part II: *Criminology*, IX 8c (second year); LL.M.

Syllabus The aims of punishment for crime. The sentencing process. A brief

account of current trends in the treatment of offenders.

Recommended reading N. Walker, *Crime and Punishment in Britain*; R. Hood, *Sentencing in Magistrates' Courts*; B. Wootton, *Crime and the Criminal Law*; H. L. A. Hart, *The Morality of the Criminal Law*; Report of the Interdepartmental Committee on the Business of the Criminal Courts (Streatfeild Committee) (Cmd. 1289); H.M.S.O., *The Sentence of the Court*, April 1964.

427 Law of Contract and Tort

Professor Wedderburn, Professor Grunfeld, Mr Dean and Mrs Reid. Twenty-five lectures, Sessional.

For LL.B. Part I.

Syllabus *Contract*.

I. Illegality: public policy and contracts void or illegal by statute; judicial and statutory control of "freedom of contract". II. Remedies in the modern law; problems of certain types of contract (e.g. penalties and hire purchase). See *Tort* III. III. Agency (in outline); the problems of "the third party" reconsidered. See *Tort* II (e).

IV. Misrepresentation, collateral contracts and tort liability; the innocent statement in modern English law and society. See *Tort* IV (a).

V. Contractual and other obligations; the future of "free contract" in types of commercial and industrial relations; "status" and "contract"; the relationship with "quasi-contract" or "restitution"; the impact of insurance. See *Tort* IV (d).

Syllabus *Tort*.

I. Defamation and injurious falsehood.

II. Economic Tort etc.: (a) Employer's duty of care to workmen; (b) Servants and independent contractors etc.; (c) Breach of statutory duty; (d) Legal position of Trade Unions; (e) Conspiracy, interference with contract and intimidation; (f) Examination of Trade Disputes Act (in outline).

III. Remedies in Tort: particular attention will be paid to: (a) Damages; (b) Effect of death; (c) Limitation.

IV. A closer study of certain contract-tort relationships (this, in particular, will be

closely linked with aspects of the Contract course).

(a) Effect of statements in contract and tort. Negligent misstatements, collateral contracts, deceit etc. See *Contract* IV.

(b) Business interests in contract and tort. (c) Remoteness of damage in contract and tort. See *Contract* II.

(d) A study of the nature of civil liability in modern society. Negligence; strict liability; insurance; state schemes; any foreign schemes worthy of analysis for comparative purposes.

(e) Gaps and defects in the field of contract and tort.

Recommended reading As in 422 and 423 above.

Note Although the teaching of Contract and Tort is combined for Part I, there will be a separate examination paper in each subject.

428 Law of Real and Personal Property II

Dr Valentine, Mr Cornish and Mr J. M. Evans. Fifty lectures, Sessional.

For LL.B. Part I.

Syllabus Freedom of disposition of property; entails and future interests; private trusts; settlements and trusts for sale of land; concurrent interests; perpetuities and accumulations. Modern functions of the trust; the impact of taxation; charitable trusts. Freedom of use of property: rights and duties of proprietors; easements, covenants and public rights over property; governmental control; planning; compulsory purchase.

Letting property; hiring personalty; leaseholds; rent control, security of tenure and other limits. Land titles; private conveyancing; registration of encumbrances; registration of title; the systems compared. Remedies; actions protecting interests in chattels, land; breach of trust.

Recommended reading TEXTBOOKS: G. C. Cheshire, *Modern Law of Real Property*; R. E. Megarry, *Manual of Real Property*; J. Crossley Vaines, *Personal Property*; J. A. Nathan, *Equity through the Cases*.

FURTHER REFERENCE: R. E. Megarry and H. W. R. Wade, *Law of Real Property*; J. H. C. Morris and W. B. Leach, *The Rule against Perpetuities*; F. H. Lawson, *The Law of Property*; K. De Schweinitz, *England's Road to Social Security*; W. H. Beveridge, *Voluntary Action*; P. H. Pettit, *Equity and the Law of Trusts*; D. B. Parker and A. R. Mellows, *The Modern Law of Trusts*; A. E. Telling, *Planning Law and Procedure*; G. W. Keeton, *Social Change in the Law of Trusts*; D. W. M. Waters, *The Constructive Trust*; G. H. Curtiss and T. B. F. Ruoff, *Registered Conveyancing*.

Students should consult the latest editions of these books.

429 Public Law II

Professor de Smith, Dr Leigh and Mr Thornberry. Thirty-five lectures, Sessional.

For LL.B. Part I.

Syllabus Jurisprudential problems of public law. The concepts of parliamentary sovereignty and the rule of law. The nature of conventions. The categories of power: legislative, judicial, administrative. Judicial review of administrative action. Legal liability of the Crown and other public authorities. Civil liberties. Constitutional position of police. Extradition, deportation and the status of aliens and Commonwealth citizens. Emergency powers. Legal and conventional aspects of Commonwealth relations.

Recommended reading As for Public Law I, with the addition of the following for FURTHER READING AND REFERENCE: J. D. B. Mitchell, *Constitutional Law*; H. Street, *Freedom, the Individual and the Law*; D. Williams, *Not in the Public Interest*; S. A. de Smith, *Judicial Review of Administrative Action*; *The New Commonwealth and its Constitution* (chap. I); H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; D. C. N. Yardley, *A Source Book of English Administrative Law*; I. Zamir, *The Declaratory Judgment*; A. Rubinstein, *Jurisdiction and Illegality*; K. C. Wheare, *Constitutional Structure of the Common-*

wealth; G. Marshall, *Police and Government*.

Students should consult the latest editions of these books.

430 Law and Social Policy

Various lecturers. Twenty lectures, Sessional. Arranged by Professor Griffith.

For LL.B. Part I. Optional for B.Sc.(Soc.) Branch III (second year); Dip. Soc. Admin. (second year).

Syllabus I. The characteristics of contemporary English society: its urban and industrial nature; its political and economic assumptions; its social stratification and employment structure; its moral and religious foundations. The effects of these characteristics and of international influences on the shaping of English Law.

II. Social policy and private rights and interests: property rights and housing legislation; contractual rights in relation to standard clauses, restrictive trade practices, hire purchase agreements and contracts of employment; prostitution and homosexuality; race relations; freedom of expression and the law of defamation; the rules governing contempt of court and censorship; the use of the highway; a comparison of the purposes and effects of (a) civil liability and compensation for road accidents, and insurance; (b) the law relating to driving and traffic offences; (c) the Buchanan report on Traffic in Towns.

Note The content of the course may be changed from time to time.

431 Jurisprudence

Mr Jacobs, Mr J. W. Harris and Mr Irvine. Fifty lectures, Sessional.

For LL.B. Part II.

Syllabus 1. The nature and function of law: law, sovereignty and the state. Law and other forms of social control: law and morality; law and custom. Characteristics and structure of a legal system. 2. The legal process: principles of legislation, codification and law reform; comparison of common law and civil law

systems and methods. Legal reasoning and social policy in the judicial process.

Realist and sociological theories of the judicial function.

3. Law and social change: interaction of social and economic forces and legal change. Marxist theory and theories of interests. The function of the main branches of the law and their basic concepts.

Special topics for 1968-69 are law and morals; rights and duties; the general principles of liability in relation to the social functions of tort and criminal law.

Recommended reading will be given during the course.

432 Law of Evidence

Mr Dean. Fifty lectures, Sessional.

For LL.B. Part II.

Syllabus 1. Form of trial at Common Law: influence of relationship of judge and jury and adversary system on rules of evidence; decline of jury.

2. What may be proved: (i) facts in issue; (ii) facts probative of facts in issue; (iii) facts relevant to reliability and credibility; (iv) facts conditioning admissibility.

3. Rational basis of proof: direct and inferential proof; validity and limitations of circumstantial proof; non-permissible inferences; prejudice; evidence of character of parties and similar facts; *res gestae*.

4. Incidence of proof: burdens; presumptions and standard of proof.

5. Form of evidence: (i) oral testimony: validity and sources of error; attendance of witnesses; competence and compellability; examination in court; techniques developed to test reliability and credibility, especially cross-examination; self-serving and inconsistent statements; character and credit of witnesses; position of accused under the Criminal Evidence Act, 1898; corroboration. (ii) documentary evidence: public, judicial and private documents; discovery; proof of contents and execution, extrinsic evidence. (iii) real evidence. (iv) new scientific and technical forms of proof: tape recorders, lie detectors, medical tests and photographs etc. Importance of the expert witness.

6. Exclusion of unreliable evidence: (i) best evidence rule; (ii) opinion;

(iii) hearsay and its exceptions, including further consideration of *res gestae*.

7. Exclusion of evidence on grounds other than reliability: (i) privilege; (ii) state interest; (iii) judicial control of police investigation; confessions and the Judge's Rules; illegally obtained evidence; (iv) identification evidence.

8. Facts which need not be proved: (i) judicial notice; (ii) formal admissions.

9. Facts which cannot be proved: estoppels, by record, deed and in pais.

Recommended reading TEXTBOOKS: R. Cross, *Evidence*; G. D. Nokes, *An Introduction to Evidence*, may be used in order to become acquainted with the subject; E. Cockle, *Cases and Statutes on Evidence*.

FURTHER READING: J. Bentham, "The Rationale of Judicial Evidence" (*The Works of Jeremy Bentham*, Ed. J. Bowring); Z. Cowen and P. B. Carter, *Essays on the Law of Evidence*; E. M. Morgan, *Some Problems of Proof under the Anglo-American System of Litigation*; J. F. Stephen, *A Digest of the Law of Evidence*; J. B. Thayer, *A Preliminary Treatise on Evidence at the Common Law*; J. H. Wigmore, *Science of Judicial Proof*; G. L. Williams, *The Proof of Guilt*.

FOR REFERENCE: J. F. Archbold, *Pleading Evidence and Practice in Criminal Cases*; S. L. Phipson, *The Law of Evidence*; J. P. Taylor, *A Treatise on the Law of Evidence*; J. H. Wigmore, *A Treatise of the Anglo-American System of Evidence*.

Students should consult the latest editions of these books.

433 Administrative Law with special reference to Local Government

Professor Griffith. Twenty lectures, Michaelmas Term.

For LL.B. Part II.

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*.

Recommended reading BASIC TEXTBOOKS: W. O. Hart, *Introduction to the Law of Local Government and Administration* (7th edn.); W. I. Jennings, *Principles of Local Government Law* (4th edn.).

ADDITIONAL READING: R. M. Jackson, *The Machinery of Local Government* (7th edn.); C. A. Cross, *Principles of Local Government Law* (2nd edn.); J. A. G. Griffith, *Central Departments and Local Authorities*; W. A. Robson, *Local Government in Crisis*; J. A. G. Griffith and H. Street, *Principles of Administrative Law* (4th edn.); H. W. R. Wade, *Administrative Law*.

GOVERNMENT PUBLICATIONS: Report of Committee on the Management of Local Government (1967); Report of Committee on the Staffing of Local Government (1967); Report of Royal Commission on Local Government in England (?1968); Report of Committee on Administrative Tribunals and Enquiries (Cmnd. 218, 1957).

434 History of English Law

Professor Milsom and Mr Baker. Twenty-two lectures, Sessional.

For LL.B. Part II.

Syllabus The history of the following matters from the Conquest to the Judicature Acts; legal institutions and procedures; the profession and legal literature; property, contract, tort and crime.

Recommended reading T. F. T. Plucknett, *Concise History of the Common Law*; G. R. Y. Radcliffe and G. Cross, *The English Legal System*; C. H. S. Fifoot, *History and Sources of the Common Law (Contract and Tort)*; A. W. B. Simpson, *Introduction to the History of the Land Law*.

FOR REFERENCE: F. Pollock and F. W. Maitland, *History of English Law*; W. S. Holdsworth, *History of English Law*;

T. F. T. Plucknett, *Early English Legal Literature*.

Students should consult the latest editions of these books.

435 Public International Law

Dr Valentine and Mr Thornberry. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus *International Law in Perspective*: Definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies; the expansion of international society; the expanding scope of international law.

Foundations of International Law:

Formation of International Law; law-creating processes and law-determining agencies; sources and evidences; principles, rules and standards; international law and municipal law.

International Personality: Subjects of International Law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.

State Jurisdiction: Territorial jurisdiction; personal jurisdiction; other bases of jurisdiction; limitations of state jurisdiction.

Objects of International Law: Territory; land frontiers; maritime frontiers; the high seas; air space; outer space; individuals and the movement towards a wider recognition of human rights; business enterprises; ships; aircraft; spacecraft.

International Transactions: Treaties and other international agreements; unilateral acts; international responsibility.

International Order and Organization:

Pacific settlement of international disputes; legal and illegal uses of force; regulation of armed conflicts; war and neutrality; legal organization of international society; patterns for the development of international law.

Recommended reading PRELIMINARY READING: J. L. Brierly, *The Law of Nations* (6th edn. by H. Waldock); G. Schwarzenberger, *A Manual of*

International Law (5th edn.).

TEXTBOOKS: I. Brownlie, *Principles of International Law*; D. P. O'Connell, *International Law*, 2 Vols.; L. F. L. Oppenheim, *International Law*, Vol. I (8th edn.), Vol. II (7th edn. (Ed.)), H. Lauterpacht; G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals*.

CASEBOOKS AND MATERIALS: H. W. Briggs, *The Law of Nations* (2nd edn.); L. C. Green, *International Law through the Cases* (2nd edn.); L. B. Orfield and E. D. Re, *International Law Cases and Materials* (revised edn.); I. Brownlie, *Basic Documents in International Law*.

FURTHER READING: W. Friedmann, *The Changing Structure of International Law*; H. Lauterpacht, *The Development of International Law by the International Court*; C. Parry, *The Sources and Evidences of International Law*;

G. Schwarzenberger, *The Frontiers of International Law*; D. H. N. Johnson, *Rights in Air Space*; F. Vallat, *International Law and the Practitioner*.

Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *Recueil des Cours, Académie de Droit International de la Haye*; *The Year Book of World Affairs*.

436 Conflict of Laws

Mr Lazar and Dr Mann.

Thirty-five lectures, Sessional.

For LL.B. Part II.

Syllabus Part I: Fundamental conceptions.

The nature and theories of the conflict of laws. Classification and *renvoi*. Public policy. English statutes and conflict of laws. Domicile. Status of individuals.

Part II: Choice of Law.

Family Law: (a) Husband and wife; validity of marriage; nullity and divorce (including matrimonial jurisdiction of English courts and recognition of foreign decrees); mutual rights of husband and wife.

(b) Parent and child; legitimacy;

legitimation; adoption; guardianship; lunacy.

Corporations.

Contracts: The proper law doctrine; formal and essential validity; interpretation; effects and discharge of contracts.

Torts.

Property: Movable and immovable, tangible and intangible; particular assignments of property; effect of marriage on property.

Succession: Validity and construction of wills; distribution of estates on intestacy and under wills; administration of deceaseds' estates; exercise by will of powers of appointment.

Part III: Choice of Jurisdiction.

Jurisdiction of English courts; recognition and enforcement of foreign judgments.

Part IV: Procedure and Proof of Foreign Law.

The study of Conflict of Laws is conducted with regard to the social, economic and political implications of the English law. Reference is also made to general concepts in those of the civil law and other common law systems which are relevant to a proper understanding and evaluation of the principles of the English conflict of laws.

Recommended reading G. C. Cheshire, *Private International Law*; R. H. Graveson, *Conflict of Laws*; J. H. C. Morris, *Cases on Private International Law*; P. R. H. Webb and D. J. L. Brown, *A Casebook on the Conflict of Laws*.

PRELIMINARY READING: J. A. C. Thomas, *Private International Law*.

REFERENCE: A. V. Dicey and J. H. C. Morris, *Conflict of Laws*; J. D. Falconbridge, *Essays on the Conflict of Laws*; M. Wolff, *Private International Law*.

Students should consult the latest editions of these books.

PERIODICALS: Articles on this subject in *The British Year Book of International Law*; *The Law Quarterly Review*; *The International and Comparative Law Quarterly*; *The Modern Law Review*.

437 The Administration of Estates and Trusts

Dr Stone and Mr Park. Thirty-five lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus The nature and purpose of the office of personal representative and his powers and duties: the administration of assets of solvent and insolvent estates. The nature and purpose of the office of trustee and his powers and duties; the administration of the assets of a trust and methods of variation of the terms of a trust.

The capacity, appointment, retirement, renewal, remuneration and reimbursement of personal representatives and trustees and the control of the court over them.

The remedies of a beneficiary for breach of duty by a personal representative or trustee.

An outline of the law of estate duty, income tax and capital gains tax affecting estates and trusts.

Recommended reading D. Hughes Parry, *The Law of Succession* (from chap. 4); P. H. Pettit, *Equity and the Law of Trusts* (chaps. 8–12) or D. B. Parker and A. L. Mellows, *The Modern Law of Trusts* (chaps. 9–19); Nathan and Marshall, *A Casebook on Trusts*; *Snell's Principles of Equity* (Part II. chaps. 6–9, Part III); B. Pinson, *Revenue Law* (Introduction, chaps. 9, 10, 19–32 and extracts from other chaps.) or C. N. Beattie, *The Elements of Estate Duty* and C. N. Beattie, *Elements of the Law of Income Tax and Capital Gains Taxation* (Introduction, chap. 8 and extracts from other chaps.).

FURTHER READING: *Williams on Executors and Administrators*; D. C. Potter and J. Monroe, *Tax Planning with Precedents*, (chaps. 3, 4 and 11); J. Philip Lawton, *Tax Planning for the Family Solicitor* (chaps. 3, 4 and 10).

Students should consult the latest editions of all books.

438 Mercantile Law: Agency and Sales and Other Dispositions of Goods

Mr Downey, Mr Pickering and Mr Dean. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus Agency. The nature of the principal-agent relationship and the rights and duties of the parties *inter se* and *vis-à-vis* third parties. The scope of the agent's authority. The effect of the Factors Act, 1889, and the termination of agency.

Sales and other dispositions of goods. The nature and special rules relating to sale of goods and hire purchase contracts. C.i.f., f.o.b., and other special forms of international sales. Bills of sale, pledges, bailments, gifts *inter vivos* and *donationes mortis causa*. The effects of bankruptcy and liquidation.

Recommended reading Preliminary: chapters on agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*; chapters on sale of goods, hire purchase, bailments and bankruptcy in T. M. Stevens, *Elements of Mercantile Law* and J. Charlesworth, *Principles of Mercantile Law*; G. Borrie and A. L. Diamond, *The Consumer, Society and the Law*.
TEXTBOOKS: P. S. Atiyah, *The Sale of Goods*; A. L. Diamond, *Introduction to Hire Purchase Law*; G. H. L. Fridman, *Sale of Goods*; E. R. H. Ivamy, *Casebook on the Sale of Goods*; *Casebook on Mercantile Law*; C. M. Schmitthoff, *The Sale of Goods*; *Legal Aspects of Export Sales* (Institute of Export publication); J. C. Vaines, *Personal Property*; R. Powell, *The Law of Agency*; G. H. L. Fridman, *Law of Agency*; S. J. Stoljar, *The Law of Agency*.

REFERENCE: W. Bowstead, *The Law of Agency*; M. D. E. S. Chalmers, *Sale of Goods Act, 1893*; *Final Report of the Committee on Consumer Protection, 1962*, parts I and IV (Cmnd. 1781); R. M. Goode, *Hire-purchase Law and Practice*; A. G. Guest, *The Law of Hire Purchase*; G. W. Paton, *Bailment in the Common Law*; C. M. Schmitthoff, *The Export Trade*.

Students should consult the latest editions of these books.

Copies of the Sale of Goods Act, 1893, the Factors Act, 1889, the Bills of Sale Acts, 1878 and 1882, and the Hire Purchase Acts, 1964 and 1965, will be provided in the examination room.

439 Labour Law

Professor Grunfeld, Professor Wedderburn, Mrs Aikin and Mrs Reid. Twenty-eight lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus The scope and sources of Labour Law (Industrial Law). The "servant" at common law; employees and "workmen" under statutes. The contract of employment: formation; effect; obligations of employer and employee, express and implied. Termination of the contract and remedies for breach. Public policy and restraint of trade.

Statutes affecting employment: for example in regard to written particulars of terms; payment of wages; minimum remuneration and holidays; notice to terminate; hours of work; special groups of workers such as children, young persons and women; redundancy payments. Outline of the law relating to social security: sickness, unemployment and industrial injuries and disablement benefit.

Collective agreements and their legal framework: their relationship with the contract of employment. Legislation connected with collective bargaining, including statutes on prices and incomes policy. Fair wages clauses.

The master's responsibility for the safety of his servant. Negligence and breach of statutory duty. Health, safety and welfare and other conditions of work in factories, shops, mines and transport. The central and local authorities responsible for enforcement. Methods of inspection. Compensation for injured employees. Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.

The legal aspects of trade disputes; strikes and lock-outs. Criminal and civil liability for acts done in connection with industrial conflict. The effect of statute. The impact on trade disputes of social security law.

Conciliation, arbitration, committees and courts of inquiry. Voluntary and statutory machinery. The place of the Ministry of Labour. The influence of

the International Labour Office on the development of British Labour Law.

Recommended reading K. W. Wedderburn, *The Worker and the Law*; C. Grunfeld, *Modern Trade Union Law*; W. Mansfield Cooper and J. Wood, *Outlines of Industrial Law*; Report of Royal Commission on Trade Unions and Employers' Associations; K. W. Wedderburn, *Cases and Materials on Labour Law*; U.K. Ministry of Labour, *Evidence to Royal Commission on Trade Unions, 1965*; U.K. Ministry of Labour, *Industrial Relations Handbook, 1961*; A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; J. H. Munkman, *Employers' Liability at Common Law*; A. Redgrave, *Factories, Truck and Shop Acts*; N. Citrine, *Trade Union Law*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; F. R. Batt, *The Law of Master and Servant*; D. C. L. Potter and D. H. Stansfield, *National Insurance*; *The National Insurance (Industrial Injuries) Act, 1946*; H. Vester and H. A. Cartwright, *Industrial Injuries, Vols. I and II*; E. Jenkins (Ed.), *Digest of Decisions of the Commissioner under the National Insurance Acts*; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain*; G. W. Guillebaud, *The Wages Councils System in Great Britain*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; C. Jenkins and J. Mortimer, *British Trade Unions Today*; G. Fridman, *Modern Law of Employment*. Students should consult the latest editions of these books.

440 Law of Domestic Relations

Dr Stone and Mrs Aikin. Forty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus (a) MARRIAGE. Requirements of a valid marriage. Form of marriage (in outline only). Grounds for nullity. The distinction between void and voidable marriages. Capacity and consent of parties and third persons; consanguinity and affinity. Polygamous marriages.

(b) THE EFFECT OF MARRIAGE ON PROPERTY RIGHTS. Common law, equity and statute. Title to and possessory rights in property. Liability in contract and tort. The powers of the High Court in respect of alimony, maintenance, periodical payments and variation of settlements. Matrimonial proceedings in the magistrates' courts. Maintenance and consortium. Rights and liabilities of spouses in relation to third parties.

(c) PARENT AND CHILD. The relation of parent and child, including legitimacy, legitimation and adoption. Custody and guardianship; the rights and obligations of parents at common law, in equity and by statute. Rights and obligations in respect of illegitimate children. The intervention of courts and of local authorities under the Children and Young Persons Acts and the Children Acts.

(d) SEPARATION. (i) by agreement; (ii) by order of the court.

(e) DIVORCE. Grounds for divorce: defences; absolute and discretionary bars. Candidates will not be required to display any knowledge of the details of court procedure.

Recommended reading The latest editions of all books should be used.

PRELIMINARY READING: F. Pollock and F. W. Maitland, *History of English Law before the Time of Edward I*, Vol. II, chaps. 6 and 7; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in England during the Nineteenth Century*, chap. 11; *Report of the Royal Commission on Marriage and Divorce* (Morton Commission) (Cmd. 9678, 1956); Law Commission, *Reform of the Grounds of Divorce* (Cmnd. 3123); Law Commission, *Proof of Paternity in Civil Proceedings* and other reports.

TEXTBOOKS: P. M. Bromley, *Family Law*; J. Jackson, *The Law Relating to the Formation and Annulment of Marriage*; L. Rosen, *Matrimonial Offences with Particular Reference to the Magistrates' Court*; W. Clarke Hall and A. C. L. Morrison, *Law Relating to Children and Young Persons*; D. Tolstoy, *The Law and Practice of Divorce*.

Students should also read articles on recent statutes and court decisions in *The Modern Law Review*, *The Law Quarterly Review* and *The Conveyancer*.

REFERENCE BOOKS: W. Rayden, *Practice and Law in the Divorce Division of the High Court and on Appeal Therefrom*; J. Biggs, *The Concept of Matrimonial Cruelty*; *Report of the Committee on the Care of Children* (Curtis Committee) (Cmd. 6922); C. Foote, R. J. Levy and F. E. A. Sander, *Cases and Materials on Family Law*.

441 The Law of Business

Associations

Professor Wedderburn, Dr Leigh and Mr Pickering. Thirty lectures, Michaelmas and Lent Terms.

For LL.B. Part II.

Syllabus Historical development of the trading association: social and legal reasons for the rise of the modern registered company with limited liability. Partnerships: the dominant features of partnership law.

Statutory demands for incorporation, and other modern unincorporated commercial groups: the unit trust.

The modern registered company:

(a) Constitution; administration; corporate personality; types of company and their function; capacity and *ultra vires*. (b) Flotation; shares and debentures (in outline); protection of investors, creditors and depositors.

(c) Shareholders as members; protection of the minority. (d) Directors and management: as agents and "*alter ego*"; fiduciary and statutory duties; the auditor. (e) Maintenance of capital; reconstructions, mergers and problems of take-overs.

Other topics of company law will be touched on only lightly, e.g. details on transfer of securities and priorities; accounts; winding-up.

Other business associations (in outline), e.g. industrial and provident societies; friendly societies; public corporations. Functions of different kinds of commercial associations and comparison of their problems, e.g. control of management; relations with employees; impact of the "public interest", state shareholding etc.

Note: Company Law will never account for more than two-thirds of this course. Copies of the Companies Acts, 1948 and

1967 will be provided in the examination room.

Recommended reading L. C. B. Gower, *Modern Company Law*; M. A. Weinberg, *Take-Overs and Amalgamations*; H. A. J. Ford, *Unincorporated Non-Profit Associations*; N. B. Lindley, *Law of Partnership*; or P. F. P. Higgins, *Law of Partnership*; Halsbury, *Laws of England* (on associations not otherwise covered).

Further reading will be recommended during the course.

Students should consult the latest editions of these books.

COURSES INTENDED PRIMARILY FOR B.Sc. (ECON.) STUDENTS

442 English Legal Institutions

Mr Zander and Mr Thornberry. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 5, *English Legal Institutions*.

Syllabus The nature and origins of law. Historical outline of English Law and the development of Common Law and Equity, including mortgages, trusts and equitable remedies. Sources of law: case law and the theory of binding precedent; legislation and statutory interpretation; custom. The organization of the courts: their jurisdiction and the types of cases with which they deal. Administrative Tribunals. Arbitration. The personnel of the law, including judges, magistrates, juries, barristers and solicitors. An outline of procedure and evidence. Legal aid and advice. Codification. Law reform.

Recommended reading PRELIMINARY

READING: G. L. Williams, *Learning the Law*; P. Archer, *The Queen's Courts*;

W. M. Geldart, *Elements of English Law*. TEXTBOOKS: R. M. Jackson, *The Machinery of Justice in England*; O. Hood Phillips, *A First Book of English Law*; P. S. James, *An Introduction to English Law*.

FURTHER READING: A. T. Denning, *Freedom under the Law*; *The Changing Law*; *The Road to Justice*; P. A. Devlin, *The Criminal Prosecution in England*; *Trial by Jury*; *Samples of Lawmaking*;

The Enforcement of Morals; G. L. Williams, *The Proof of Guilt*; F. T. Giles, *The Criminal Law*; *The Magistrates' Courts*; *Children and the Law*; R. E. Megarry, *Lawyer and Litigant in England*; B. F. Wootton, *Crime and the Criminal Law*.

Students should consult the latest editions of these books.

443 Elements of Commercial Law

A: Contract

Mr J. W. Harris. Ten lectures, Michaelmas Term (day). Mr Irvine. Ten lectures, Michaelmas Term (evening).

For B.Sc. (Econ.) Part II: *Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; V 5; *Labour, including Elements of Labour Law*, IV 6, 7 and 8e (second year).

Syllabus

1 Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, misrepresentation, mistake, duress, undue influence, illegality (restraint of trade).

2 Content: implied term, control of exemption clauses.

3 Privity: rights, obligations; assignment.

4 Performance: due performance, calling off the contract, varied performance, failure in performance: (a) frustration, (b) breach of contract.

5 Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action.

Note Candidates will be supplied in the examination room with copies of the Misrepresentation Act, 1967.

Recommended reading Relevant chapters in J. Charlesworth, *The Principles of Mercantile Law*; or T. M. Stevens, *Elements of Mercantile Law*; P. S. Atiyah, *Introduction to the Law of Contract*.

FOR REFERENCE: J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; G. C. Cheshire and C. H. Fifoot, *Law of Contract*.

Students should always use the latest editions of the above books.

444 Elements of Commercial Law

B: Partnership and Company

Professor Wedderburn and

Mr Downey. Ten lectures (day).

Mr Downey. Ten lectures (evening), Lent Term.

For B.Sc. (Econ.) Part II: *Commercial Law*, I 3f; III 3f; IV 6, 7 and 8f; V 5 (second year).

Syllabus The nature and advantages of corporate personality and the distinction between companies incorporated under the Companies Act, and partnerships, and limited partnerships. The law as codified in the Partnership Act, 1890. Proceedings against partners and proof of partnership and separate debts in bankruptcy.

Companies registered under the Companies Act, 1948. Formation and flotation. *Ultra vires*. Raising and maintenance of capital and dividends.

Agents and organs of the company and the rule in *Royal British Bank v. Turquand*. Shares and debentures. Charges on the company's property. Publicity; annual returns, accounts, and audit. Meetings and resolutions. The duties of directors and problems of enforcement. Protection of the minority and their remedies. Reconstructions, amalgamations and winding-up (in outline only).

Note: Candidates will be supplied in the examination room with copies of the Partnership Act, 1890 and the Companies Acts, 1948 and 1967.

Recommended reading A. Underhill, *Principles of the Law of Partnership*; F. Pollock, *A Digest of the Law of Partnership*; J. A. Hornby, *An Introduction to Company Law*; L. C. B. Gower, *The Principles of Modern Company Law*; J. Charlesworth, *Company Law*.

FOR REFERENCE: R. R. Pennington, *The Principles of Company Law*.

Students should consult the latest editions of these books.

445 Elements of Commercial Law

C: Consumer Protection

Mr Pickering. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Commercial*

Law, IV 6, 7 and 8f; optional for I 3f; III 3f (third year). (Students specializing in Economics, Analytical and Descriptive or in Monetary Economics should take either this course or Course No. 446.)

Syllabus The nature of contracts for the sale of goods and hire-purchase and special rules relating to such contracts. The exclusion of terms implied by legislation. The remedies of parties involved in sale and hire-purchase transactions, and restrictions upon their exercise. An outline of the law relating to weights and measures, merchandise marks, manufacturers' liabilities, advertising and sales practices.

Note Candidates will be supplied in the examination room with copies of the Sale of Goods Act, 1893 and the Hire-Purchase Acts of 1964 and 1965.

Recommended reading G. J. Borrie and A. L. Diamond, *The Consumer, Society and the Law*; P. S. Atiyah, *The Sale of Goods*; A. L. Diamond, *Introduction to Hire-Purchase Law*; T. M. Stevens, *Elements of Mercantile Law*; J. Charlesworth, *Principles of Mercantile Law*; G. J. Borrie, *A Sourcebook of Commercial Law*.

FOR REFERENCE: Final Report of the Committee on Consumer Protection 1962 (Cmd. 1781); E. R. H. Ivamy, *Casebook on the Sale of Goods*; *Casebook on Mercantile Law*; C. M. Schmitthoff, *The Sale of Goods*; G. H. L. Fridman, *Sale of Goods*.

Students should consult the latest editions of these books.

446 Elements of Commercial Law D: Income and Capital Taxation of Individuals and Corporations

Mr Whiteman. Eight lectures, Summer Term (second year). Four lectures, Michaelmas Term (third year).

For B.Sc. (Econ.) Part II: *Commercial Law*, V 6 (third year); V 5 (second year); optional for I 3f; III 3f. Students specializing in Economics, Analytical and Descriptive or in Monetary Economics should take either this course or Course No. 445.

Syllabus General outline of Income Tax and Surtax, Corporation Tax and Capital Gains Tax; the basis of taxation of individuals and of companies; the Schedules and their effect with particular reference to Cases I, II and VII of Schedule D and Schedules E and F.

Recommended reading A. R. Prest, *Public Finance*, H. A. R. J. Wilson and K. S. Carmichael, *Income Tax Principles* or C. N. Beattie, *The Elements of Income Tax* or B. Pinson, *Revenue Law*.

FOR REFERENCE: E. E. Spicer and E. C. Pegler, *Income Tax and Profits Tax*; G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax*; *British Tax Encyclopedia*; Butterworth's *Income Tax Handbook*; current articles in *Taxation* and the *British Tax Review*.

Students should consult the latest editions of these books.

447 Elements of Labour Law

Professor Grunfeld. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Labour, including Elements of Labour Law*, IV 6, 7 and 8e (third year); Dip. Personnel Management.

Syllabus 1. *Collective labour relations:*

a Trade unions: legal structure; government and administration (including expulsion); inter-union relations; political activities.

b Collective bargaining: strikes and other forms of industrial action; traditional role of Government (conciliation, arbitration, fact-finding); legal effect and enforcement of collective agreements; extension of representative collective agreements (Fair Wages Resolution, fair wages legislation, Terms and Conditions of Employment Act, 1959); substitute machinery for collective bargaining (minimum wages legislation).

c Collective bargaining and the national prices and incomes policy: voluntary and compulsory early warning and control systems; the National Prices and Incomes Board.

2. *Individual labour relations:*

a Nature of the contract of employment:

structure; employment, a voluntary relationship; servant and independent contractor, employed and self-employed persons.

b Wages: Factories Act "Particulars"; checkweighing; non-disciplinary deductions.

c Hours and holidays with pay: women and young persons, children and adult male workers.

d Sickness: common law rights; sickness benefits.

e Disciplinary powers of management: common law duties of employees; employers' sanctions.

f Termination of employment: the new law of redundancy; unemployment benefit.

g Safety and health:

- (i) common law duties; common law action for damages;
- (ii) principal statutory duties; criminal and administrative sanctions; common law action for damages;
- (iii) industrial injury and disablement benefit.

Recommended reading W. Mansfield Cooper, *Outlines of Industrial Law*; C. Grunfeld, *Modern Trade Union Law*; K. W. Wedderburn, *The Worker and the Law*; *Cases and Materials on Labour Law*; Report of Royal Commission on Trade Unions and Employers' Associations; O. Kahn-Freund, "Legal Framework" in A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; U.K. Ministry of Labour, *Industrial Relations Handbook* and *Written and Oral Evidence to the Royal Commission on Trade Unions and Employers' Associations*; D. C. L. Potter and D. H. Stansfield, *National Insurance (Introduction) and National Insurance (Industrial Injuries) Act (Introduction)*.

FOR REFERENCE: N. Citrine, *Trade Union Law*; H. Samuels, *Trade Union Law*; F. R. Batt, *The Law of Master and Servant*; A. Redgrave, *Factories, Truck and Shops Acts*; J. H. Munkman, *Employers' Liability at Common Law*; O. Kahn-Freund

(Ed.), *Labour Relations and the Law*; E. Jenkins (Ed.), *Digest of Decisions of the Commissioner under the National Insurance Acts*; *Written and Oral Evidence to the Royal Commission of C.B.I. and T.U.C.* Students should consult the latest editions of these books.

448 Constitutional and Administrative Law

Professor de Smith. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *Constitutional and Administrative Law*, III 3e; VIII 3b (second year).

Syllabus The nature of constitutional law. Sources and characteristics of British constitutional law. Parliamentary sovereignty. Constitutional conventions. The rule of law. Parliament: its position, functions and powers. Parliamentary privilege and procedure. Control over national finance. The monarchy. The royal prerogative. The Privy Council and the Cabinet. Ministerial responsibility. The civil service.

The constitutional position of the judges. The nature of administrative law. The legislative, executive and judicial powers of the Administration. Delegated legislation. Administrative adjudication. Judicial and other controls over the powers of the Administration. The principles of Crown liability. The structure and financing of local government. The liability of local authorities.

The nature and constitution of public corporations. Relations with Ministers and Parliament. Powers, duties, liabilities and privileges. Consumer bodies. The liberties of the subject. Emergency powers. Military and martial law. The Commonwealth. Status of colonies, protectorates, trust territories and independent members of the Commonwealth. Relations of Commonwealth countries with the Crown and the United Kingdom. Allegiance and citizenship in the Commonwealth. The Judicial Committee of the Privy Council.

Recommended reading TEXTBOOKS: O. Hood Phillips, *Constitutional and*

Administrative Law, or E. C. S. Wade and G. G. Phillips, *Constitutional Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law*; W. I. Jennings, *The Law and the Constitution*; W. I. Jennings, *Principles of Local Government Law*; D. L. Keir and F. H. Lawson, *Cases in Constitutional Law*; O. Hood Phillips, *Leading Cases in Constitutional Law*; G. Wilson, *Cases and Materials on Constitutional and Administrative Law*.
 FURTHER READING AND REFERENCE: R. F. V. Heuston, *Essays in Constitutional Law*; A. V. Dicey, *Introduction to the Study of the Law of the Constitution*; W. I. Jennings, *Cabinet Government*; H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; D. C. M. Yardley, *A Source Book of English Administrative Law*; W. I. Jennings, *Parliament*; W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. I (chaps. 1-3); W. A. Robson, *Justice and Administrative Law*; S. A. de Smith, *Judicial Review of Administrative Action*; S. A. de Smith, *The New Commonwealth and its Constitutions*; C. K. Allen, *Law and Orders*; C. K. Allen, *Administrative Jurisdiction*; C. T. Carr, *Concerning English Administrative Law*; G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; G. L. Williams, *Crown Proceedings*; H. Street, *Governmental Liability*; W. O. Hart, *Introduction to the Law of Local Government and Administration*; C. A. Cross, *Principles of Local Government Law*; C. J. Hamson, *Executive Discretion and Judicial Control*; I. Zamir, *The Declaratory Judgment*; A. Rubinstein, *Jurisdiction and Illegality*; D. G. T. Williams, *Keeping the Peace*; H. Street, *Freedom, the Individual and the Law*; J. D. B. Mitchell, *Constitutional Law*; J. A. G. Griffith and H. Street, *A Casebook of Administrative Law*; Report of the Committee on Ministers' Powers (Cmd. 4060, 1932); Report of the Committee on Administrative Tribunals and Enquiries (Cmnd. 218, 1957).

Students should consult the latest editions of these books.

PERIODICALS: Articles relevant to this subject appear regularly in *Public Law* and from time to time in *The Modern Law Review* and other legal periodicals.

449 International Law

Professor D. H. N. Johnson.
 Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 14, *International Law*; B.Sc. (Econ.) Part II: *International Law*, XII 3b and 8e; XIV 3c (third year); M.Sc.: *International Politics*, X 1.

Syllabus *International Law in Perspective*: definition and distinctions; historical, sociological and ethical perspectives; doctrinal controversies; the expansion of international society; the expanding scope of international law.

Foundations of International Law: formation of international law; law-creating processes and law-determining agencies; sources and evidences; principles, rules and standards; international law and municipal law.

International Personality: subjects of international law; sovereignty and state equality; recognition; international representation; heads of state; foreign offices; diplomatic relations; consular relations; continuity and discontinuity of international personality.

State Jurisdiction: territorial jurisdiction; personal jurisdiction; other bases of jurisdiction; limitations of state jurisdiction. *Objects of International Law*: territory; land frontiers; maritime frontiers; the high seas; airspace; outer space; individuals and the movement towards a wider recognition of human rights; business enterprises; ships; aircraft; spacecraft.

International Transactions: treaties and other international agreements; unilateral acts; international responsibility. *International Order and Organization*: pacific settlement of international disputes; legal and illegal uses of force; regulation of armed conflicts; war and neutrality; legal organization of international society; patterns for the development of international law.

Recommended reading TEXTBOOKS: J. L. Brierly, *The Law of Nations* (6th edn.); G. Schwarzenberger, *A Manual of International Law* (4th edn.).

CASEBOOKS: L. C. Green, *International Law through the Cases* (2nd edn.); L. B. Orfield and E. D. Re, *International*

Law Cases and Materials (revised edn.).
 FURTHER READING: W. Friedmann, *The Changing Structure of International Law*; D. P. O'Connell, *International Law* (2 vols.); L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn.); C. Parry, *The Sources and Evidences of International Law*; G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals* (3rd edn.); *The Frontiers of International Law*; B. Sen, *A Diplomat's Handbook of International Law and Practice*.
 PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *The Year Book of World Affairs*.

450 Soviet Law

Dr Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign or Commonwealth Country*, VIII 8c (third year); graduate students of Law and others interested.

Syllabus Soviet interpretations of the Marxist doctrine of state and law. Unity of the legal system and the position of public international law. Fundamental notions of civil law. Family law. Inheritance. Criminal law. "Socialist" legality. Organs of the judiciary. Criminal procedure. Civil procedure.

Recommended reading TEXTBOOKS: H. J. Berman, *Soviet Criminal Law and Procedure*; V. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe*, Parts II-V; K. Grzybovski, *Soviet Legal Institutions*; J. N. Hazard, *Settling Disputes in Soviet Society*; H. Kelsen, *The Communist Theory of Law*; A. Kiralfy, *The Russian Civil Code*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; P. S. Romashkin, *Fundamentals of Soviet Law*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1, 3 and 9.

CASE BOOKS: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet*

Law; H. J. Berman (Ed.), *Soviet Statutes and Decisions*.

Students should consult the latest editions of these books.

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

451 Introduction to Comparative Law

Mr Lazar. Ten lectures, Lent Term.

For LL.B. Part II: and for graduate law students. Others will be admitted only by permission of Mr Lazar.

Syllabus A discussion of some of the problems arising from the comparison of "common law" and of "civil law" systems. Although there will be occasional references to other legal systems the course will be mainly concerned with English, American, French and German law. It will include the following topics: the purpose and method of studying "comparative law". Sources of international misunderstandings between lawyers. Meaning of the antithesis of "common" and "civil" law. Significance of Roman law. Codified law *versus* case law. Systematic *versus* casuistic thinking. University-made law *versus* "guild law". The contrast of public and private law and its fundamental importance. "Separation of powers" and "*séparation des pouvoirs*". The role of the courts in law-making. Statutory interpretation. Principle of precedent. Constitutional review. "General clauses" and Equity. "Freedom of contract" *versus* protection of workers and consumers. Influence of technical development on delictual liability. Publicity of property transactions. The meaning of "commercial law".

Recommended reading H. C. Gutteridge, *Comparative Law* (2nd edn.); R. B. Schlesinger, *Comparative Law, Cases and Materials* (2nd edn.); R. C. K. Ensor, *Courts and Judges in France, Germany and England*; R. David, *Traité Élémentaire de Droit Civil Comparé*; R. David and H. P. de Vries, *The French Legal System*; *Manual of German Law* edited by British Foreign Office (2 Vols.); C. J. Hamson and T. F. T. Plucknett, *The English Trial and Comparative Law*; C. J. Hamson, *Executive Discretion and Judicial Control: an Aspect of the French*

Conseil d'Etat; F. H. Lawson, *A Common Lawyer looks at the Civil Law*; F. W. Maitland, "Trust and Corporation" and "The Corporation Sole" in *Selected Essays*; A. T. Von Mehren, *The Civil Law System, Cases and Materials*.

FOR REFERENCE: P. Arminjon, B. Nolde and M. Wolff, *Traité de Droit Comparé* (3 Vols.); W. W. Buckland and A. D. McNair, *Roman Law and Common Law* (2nd edn.); S. Galeotti, *The Judicial Control of Public Authorities in England and in Italy*; F. H. Lawson, *Negligence in the Civil Law*; D. Lloyd, *Public Policy*;

M. Rheinstein (Ed.), *Max Weber on Law in Economy and Society*; J. D. B. Mitchell, *The Contracts of Public Authorities*; K. Renner, *The Institutions of Private Law and their Social Functions*; B. Schwartz (Ed.), *The Code Napoléon and the Common-law World*; M. A. Sieghart, *Government by Decree*; H. Street, *Government Liability, A Comparative Study*; C. Szladits, *Guide to Foreign Legal Materials (French, German, Swiss)*.

Students should consult *The International and Comparative Law Quarterly* and *The American Journal of Comparative Law*.

The following classes will be held for LL.B. and B.Sc. (Econ.) students of the School only.

Subject	Degrees for which classes are intended
420(A) English Legal System	LL.B. Intermediate
421(A) Public Law I	LL.B. Intermediate
422(A) Law of Contract I	LL.B. Intermediate
423(A) Law of Tort I	LL.B. Intermediate
424(A) Law of Real and Personal Property I	LL.B. Intermediate
425(A) Criminal Law	LL.B. Part I
427 Law of Contract and Tort	LL.B. Part I
428(A) Law of Real and Personal Property II	LL.B. Part I
429(A) Public Law II	LL.B. Part I
431(A) Jurisprudence	LL.B. Part II
432(A) Law of Evidence	LL.B. Part I or II
433(A) Administrative Law with special reference to Local Government	LL.B. Part II
434(A) History of English Law	LL.B. Part II
435(A) Public International Law	LL.B. Part II
436(A) Conflict of Laws	LL.B. Part II
437(A) The Administration of Estates and Trusts	LL.B. Part II
438(A) Mercantile Law	LL.B. Part II
439(A) Labour Law	LL.B. Part II
440(A) Law of Domestic Relations	LL.B. Part II
441(A) The Law of Business Associations	LL.B. Part II
442(A) English Legal Institutions	B.Sc. (Econ.) Part I
443(A) Elements of Commercial Law: Contract	B.Sc. (Econ.) Part II
444(A) Elements of Commercial Law: Partnership and Company	B.Sc. (Econ.) Part II
445(A) Elements of Commercial Law: Consumer Protection	B.Sc. (Econ.) Part II
446(A) Elements of Commercial Law: Taxation	B.Sc. (Econ.) Part II

Subject

- 447(A) Elements of Labour Law
 448(A) Constitutional and Administrative Law
 449(A) International Law
- 452 African Law

Degrees for which classes are intended
 B.Sc. (Econ.) Part II
 B.Sc. (Econ.) Part II
 B.Sc. (Econ.) Parts I and II
 LL.B. Part II

SEMINARS FOR THE LL.M. DEGREE, GIVEN WHOLLY OR PARTLY BY TEACHERS OF THE SCHOOL

453 Legal History

Professor Milsom and Mr Birks (U.C.).

Syllabus English legal history generally (as in the LL.B. examination) with special reference to its bearing upon the following topics in the prescribed period. The period prescribed until further notice is 1216-1327.

The main movements of legal thought. Characteristics of mediaeval law. Influence of civil, canon and mercantile law. Legislation. Case law, local customs. Principal sources of legal history (records, year books, treatises). The courts of law (including parliament). Local courts. The judiciary and the legal profession.

The forms of action and the outline of procedure and pleading. Battle. Wager of law. The jury. Real property. Common law estates. Conveyances and their effects. Feudalism. Seisin. Inheritance. Personal property. Ownership and possession.

Contract at common law and in law merchant. Ecclesiastical competition. Tort. Trespass. Defamation and its relation to ecclesiastical jurisdiction. Criminal law (treason, felonies, misdemeanours). Appeals, indictments, pardons, forfeiture and escheat. Law merchant (its sources, nature and the institutions administering it).

Recommended reading T. F. T. Plucknett, *Concise History of the Common Law* is a general introduction, but it is not sufficiently detailed for the special period. F. Pollock and F. W. Maitland, *History*

of English Law should be used as a textbook supplemented by W. S. Holdsworth, *History of English Law* where relevant.

Reference may also be made to the following works on special topics: J. B. Ames, *Lectures on Legal History*; J. B. Thayer, *A Preliminary Treatise on Evidence at Common Law*; F. Pollock and R. S. Wright, *An Essay on Possession in the Common Law*; E. G. M. Fletcher, *The Carrier's Liability*; F. Jouon des Longrais, *La Conception Anglaise de la Saisine*;

J. Lambert, *Les Year Books*; P. H. Winfield, *The Chief Sources of English Legal History*; H. U. Kantorowicz, *Bractonian Problems*; T. F. T. Plucknett, *Legislation of Edward I*; *Early English Legal Literature*.

Students should consult the latest editions of these books.

The publications of the Selden Society and the Ames Foundation and the "Rolls Series" of year books frequently contain introductions of great value and those falling within the special period should be studied. Articles and reviews in *The Law Quarterly Review* and *The English Historical Review* should be consulted.

454 Constitutional Laws of the Commonwealth, I

(Canada, Australia and either India or Pakistan).

Professor de Smith, Dr Leigh, Mr Chesterman (K.C.) and Mr Irani (S.O.A.S.).

Syllabus CANADA AND AUSTRALIA: The development of responsible government in Canada and Australia (in outline). The growth of constitutional conventions. Restrictions upon competence at common law and the effect of the Statute of Westminster, 1931.

The present constitutional status of Canada and Australia as Members of the Commonwealth.

Problems of federalism illustrated by reference to Canada and Australia. Procedure for amending the constitution. The distribution of and the restrictions upon legislative power. The second chamber and provisions for conflicts between the Houses. The structure of the executive. Constitutional position of the Queen, the Governor-General and the Lieutenant-Governor or Governor. The treaty-making power and the power to implement treaties. The judicial system and appeals to the Privy Council. Co-operation and financial relations between the federal and provincial or state governments.

Questions will not be set on the electoral system, parliamentary procedure and privilege, the party system, delegated legislation and administrative tribunals (except in so far as these raise questions of constitutionality), public corporations, the civil service, government liability, local government or the details of citizenship legislation.

Candidates should specify at the time of entry to the examination whether they are offering the Constitutional Law of India or of Pakistan.

INDIA: The development (in outline) of the executive, legislative and judicial authorities in India since 1772; centralization and decentralization; relations between the United Kingdom Government, the Central Government, the Governments of the Provinces and the Governments of Protected States. Communal problems. Problems of Federation with special reference to India. The constitutional status of India as a Member of the Commonwealth. The different types of States and territories in India. Distribution of Powers. Restrictions on legislative power. Fundamental Rights. Parliament. Provisions for conflict between the Houses of Parliament and the houses of bicameral State legislatures. The structure, powers and responsibility of the Executives. The constitutional positions and legislative powers of the President, the Governors, and Rajpramukhs. The judicial system: appeals, superintendence, and consti-

tutional writs. Co-operation and financial relations between the Centre and the States. Emergency provisions. Provisions for amending the Constitution.

Questions will not be set on the electoral system, parliamentary procedure and privilege, the party system, delegated legislation and administrative tribunals (except in so far as these raise questions of constitutionality), public corporations, the civil service, government liability, local government or the details of citizenship legislation.

PAKISTAN: The development in outline of the executive, legislative and judicial authorities in India from 1772 to 1947 and in Pakistan from 1947; centralization and decentralization; relations between the United Kingdom Government, the Central Government, the Governments of the Provinces and the Governments of Protected States. Communal problems. Federal problems. Cabinet government and presidential government. The status of Pakistan as a Member of the Commonwealth.

Distribution of Powers. Principles of Law-Making and Policy. Islamic provisions and the Advisory Council. Other constitutional limitations on legislative and executive powers. The position and powers of the President, Provincial Governors and the Councils of Ministers. Emergency powers. The Central and Provincial Legislatures. Relations between the Centre and the Provinces. Jurisdiction and powers of the Supreme Court and High Courts.

Questions will not be set on the electoral system, parliamentary privilege and procedure, the party system, delegated legislation and administrative tribunals (except in so far as they raise questions of constitutionality), public corporations, the civil service, government liability, local government or the details of citizenship legislation.

Recommended reading GENERAL: K. C. Wheare, *Federal Government; The Constitutional Structure of the Commonwealth; Modern Constitutions*; W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. I (relevant portions); S. A. de Smith, *The Vocabulary of Commonwealth Relations*; G. Sawer

(Ed.), *Federalism*; W. S. Livingston, *Federalism and Constitutional Change* (relevant portions).

FOR REFERENCE: K. C. Wheare, *The Statute of Westminster and Dominion Status*; R. McG. Dawson, *The Development of Dominion Status, 1900-1936*; R. B. Stewart, *Treaty Relations of the British Commonwealth of Nations*; J. E. S. Fawcett, *The Inter Se Doctrine of Commonwealth Relations*; Halsbury, *Laws of England* (3rd edn.), Vol. 5, *Commonwealth and Dependencies*; A. B. Keith, *Responsible Government in the Dominions*.

Canada: B. Laskin, *Canadian Constitutional Law*; R. McG. Dawson, *The Government of Canada*; W. P. M. Kennedy, *Essays in Constitutional Law*; F. R. Scott, *Civil Liberties and Canadian Federalism*; W. R. Lederman, *The Courts and the Canadian Constitution*.

FOR REFERENCE: W. P. M. Kennedy, *The Constitution of Canada*; P. Gerin-Lajoie, *Constitutional Amendment in Canada*; The O'Connor Report to the Senate of Canada (1939); Alexander Smith, *The Commerce Power in Canada and the United States*; G. V. La Fourt, *The Allocation of Taxing Power under the Canadian Constitution*; D. Schreiser, *Civil Liberties in Canada*.

Australia: P. H. Lane, *Some Principles and Sources of Australian Constitutional Law*; W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*; G. Sawyer, *Cases on the Constitution of the Commonwealth of Australia*; *Australian Government Today*; J. D. B. Miller, *Australian Government and Politics*; R. Else-Mitchell (Ed.), *Essays on the Australian Constitution*; G. Sawyer and others, *Federalism in Australia*.

Students will also need to refer to articles on Canadian and Australian constitutional law which have been published in legal periodicals, particularly in *The Canadian Bar Review* and *The Australian Law Journal*.

India: C. H. Alexandrowicz, *Constitutional Developments in India*; A. Gledhill, *The Republic of India, the Development of its Laws and Constitution*, chaps. 1-11; A. Gledhill, *Fundamental Rights in India*;

W. I. Jennings, *Some Characteristics of the Indian Constitution*; D. D. Basu, *Commentary on the Constitution of India*; D. D. Basu, *Cases on the Constitution of India* (1950-1951); D. D. Basu, *Cases on the Constitution of India* (1952-1954); M. P. Jain, *Indian Constitutional Law*. FURTHER READING: Halsbury, *Laws of England*, Vol. 5, paras. 1021-1026; W. I. Jennings, *The Commonwealth in Asia*; V. V. Chitaley and S. Appu Rao, *The Constitution of India*; A. S. Chaudhri, *Constitutional Rights and Limitations*. Students should also refer to articles on Indian constitutional law in *The International and Comparative Law Quarterly*, *The Indian Law Review*, *The Indian Year Book of International Affairs* and *All India Reporter*.

Pakistan: *The Montague-Chelmsford Report*; The Government of India Act, 1935, as amended up to date in its application to Pakistan; H. Cowell, *History and Constitution of the Courts and Legislative Authorities in India*; A. C. Banerjee, *Indian Constitutional Documents*, Vols. I-III; Indian Independence Act; G. B. Joshe, *The New Constitution of India*; K. Venkoba Rao, *The Indian Constitution*; C. M. Shafiq, *Pakistan Constitution*; L. C. Green, "The Status of Pakistan" (*The Indian Law Review*, Vol. VI, p. 65); H. Feldman, *A Constitution for Pakistan*; W. I. Jennings, *Constitutional Problems in Pakistan*; A. Gledhill, *Pakistan: The Development of its Laws and Constitution*. Students should consult the latest editions of these books.

455 Constitutional Laws of the Commonwealth, II (other than Australia, India and Pakistan)

Professor de Smith.

Syllabus Special attention will be paid to the constitutions of countries which have become independent or internally self-governing since the end of 1956. Candidates will not be required to display knowledge of constitutional changes that have occurred within the six months preceding the date of the examination.

I. STATUS AND POWERS:

(a) Dependent territories: Acquisition and classification of dependent territories in the Commonwealth. The United Kingdom Parliament and dependent territories. Constituent powers vested in the Crown; status and powers of Governors; the constitutional competence of colonial legislatures; the attainment of internal self-government.

(b) Full members of the Commonwealth: Acquisition and relinquishment of full membership; legislative autonomy of full members; the Crown and full members; status of Governors-General; conventions and usages relating to consultation and co-operation within the Commonwealth; surviving legal links.

II. COMPARATIVE CONSTITUTIONAL STRUCTURE OF INDIVIDUAL COUNTRIES: Federal and unitary constitutions. Distribution of powers and relations between the centre and the units in federations. Devolution within unitary systems. Diarchy.

The executive branch of government. Adaptations of the Westminster model of responsible Cabinet government. Presidential regimes.

The legislatures. Representation of minority groups. Role of second chambers. Status of the Opposition. Procedure for constitutional amendment. Safeguards against the abuse of majority power: constitutional guarantees and prohibitions.

Bills of rights. Special institutional safeguards against unfair discrimination. Protection of the independence of the judiciary, the public service and the police. Safeguards for the electoral system, the process of prosecution and the auditing of public accounts. The place of traditional elements in modern constitutions. The courts and judicial review of the constitutionality of legislation.

Recommended reading S. A. de Smith, *The New Commonwealth and its Constitutions*; K. C. Wheare, *Constitutional Structure of the Commonwealth*; K. C. Wheare, *Federal Government*; D. V. Cowen, *The Foundations of Freedom*.

FURTHER READING: J. D. B. Miller, *The Commonwealth in the World*; P. C. Gordon Walker, *The Commonwealth*; S. A. de Smith, *The Vocabulary of Commonwealth Relations*; G. Marshall,

Parliamentary Sovereignty and the Commonwealth; J. E. S. Fawcett, *The British Commonwealth in International Law*; M. Wight, *British Colonial Constitutions, 1947* (Introduction); K. Roberts-Wray in *Changing Law in Developing Countries* (Ed. J. N. D. Anderson); W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. 1, chaps. 1-3; W. I. Jennings, *The Approach to Self-Government*; H. V. Wiseman, *The Cabinet in the Commonwealth*; F. G. Carnell in U. K. Hicks and others, *Federalism and Economic Growth in Underdeveloped Countries*; D. P. Currie (Ed.), *Federalism and the New Nations of Africa*; F. Bennion, *Constitutional Law of Ghana*; O. I. Odumosu, *The Nigerian Constitution*; B. O. Nwabueze, *Constitutional Law of the Nigerian Republic*; H. E. Groves, *The Constitution of Malaysia*.

Students should consult the latest editions of these books.

Reference should also be made to the appropriate volumes in the series *The British Commonwealth: the Development of its Laws and Constitutions* (General Ed. G. W. Keeton) and to articles appearing in *Public Law*, *Current Legal Problems*, *The International and Comparative Law Quarterly*, *Political Studies* and the *Journal of Commonwealth Political Studies*.

456 Company Law

Professor Wedderburn, Dr Leigh and Mr Irvine.

Syllabus Meaning of Corporate Personality and distinction between incorporated and unincorporated associations. The nature, types and functions of companies. Historical development of the modern business company. The consequences of incorporation and its practical advantages and disadvantages. The corporate entity principle and exceptions to it. The *ultra vires* doctrine and the concept of capital. The company's organs and agents and the liability of the company for their acts. Formation and flotation of companies. The nature and classification of company securities. Shares and debentures. Publicity. Meetings and resolutions. Powers of the general meeting. Minority protection. The duties of

directors and of the controlling majority and the enforcement of these duties. Reconstructions and amalgamations. Liquidation (in outline only).

Recommended reading J. A. Hornby, *An Introduction to Company Law*; L. C. B. Gower, *The Principles of Modern Company Law*; *Report of the Company Law Committee* (Jenkins Report) (Cmd. 1749); J. Charlesworth, *Company Law*.

FURTHER READING AND REFERENCE:

R. R. Formoy, *The Historical Foundations of Modern Company Law*; M. A. Weinberg, *Takeovers and Amalgamations*; C. A. Cooke, *Corporation Trust and Company*; R. R. Pennington, *The Principles of Company Law*; F. B. Palmer, *Company Law*; D. B. Buckley, *On the Companies Acts*; Earl of Halsbury, *Laws of England* (Simonds Ed.) Vol. 6; A. A. Berle and G. C. Means, *The Modern Corporation and Private Property*; L. Loss, *Securities Regulation*; Minutes of Evidence taken before the Company Law Committee (1961, H.M.S.O.) Vols. 1-20; *Report of the Committee on Company Law Amendment* (Cohen Report) (Cmd. 6659); K. W. Wedderburn, *Company Law Reform*; M. Fogarty, *Company and Corporation: One Law?*; H. A. J. Ford, *Unincorporated Non-Profit Associations*; K. W. Wedderburn, *Rule in Foss v. Harbottle and Shareholders' Rights* (1957) C.L.J. 194, and (1958) C.L.J. 93 and (1965) 28 M.L.R. 347; L. Loss, *Protection of Investors* (1963) 80 S.A.L.J. 53 and 219; A. L. Diamond, *Protection of Depositors Act 1963* (1963) 26 M.L.R. 680; H. A. J. Ford, *Unit Trusts* (1960) 23 M.L.R. 129; R. R. Pennington, *Genesis of the Floating Charge* (1960) 23 M.L.R. 630; R. Instone, *Archaeology of the Companies Acts* (1962) 25 M.L.R. 406; K. W. Wedderburn, *Oppression of Minority* (1966) 29 M.L.R. 321; J. D. Campbell, *Contracts with Companies* (1959) 75 L.Q.R. 469; M. Pickering, *Shareholders' Rights and Company Control* (1965) 81 L.Q.R. 248; B. H. McPherson, *Winding Up on the "Just and Equitable" Ground* (1964) 27 M.L.R. 282; A. Boyle, *Minority Shareholders in the Nineteenth Century* (1965) 28 M.L.R. 317; K. W. Wedderburn, *Corporate Personality and Social Policy: the Quasi-Corporation* (1965) 28 M.L.R.

62; *The Death of Ultra Vires* (1966) 29 M.L.R. 673; *Shareholders' Control of Directors' Powers* (1967) 30 M.L.R. 77. Students should consult the latest editions of these books.

Note The subject demands some previous knowledge of English Law, especially Contract, Agency and Trusts. Candidates will be supplied in the examination room with Queen's Printer copies of the Companies Act, 1948.

457 The Law of Personal Taxation

Mr Lazar and Professor Wheatcroft.

Syllabus The general structure and administration of Income Tax, Surtax and Capital Gains Tax and the rules as to residence and ordinary residence of individuals and trustees for tax purposes. The definition, ascertainment and computation of income for tax purposes (excluding Cases I and II of Schedule D and Case V in relation to business profits) and the deductions and allowances (excluding capital allowances and loss relief) which may be set against income. The rules for applying Income Tax and Surtax to individuals, the reliefs accorded to individuals (double tax relief in outline only) and the tax treatment of married women. The rules for applying Income Tax and Surtax to income from trusts and estates.

The provisions relating to Income Tax and Surtax in respect of pensions and pension contributions (S.379 and S.388 schemes in outline only).

The definition, ascertainment and computation of chargeable gains and losses for Capital Gains Tax and the rules for applying Capital Gains Tax to individuals, estates and trusts.

Recommended reading TEXTBOOKS: G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* with latest supplement (excluding chaps. 4, 5, 6, 12 and 13). (Alternatively, students may use Vol. I of the *British Tax Encyclopedia* (loose leaf), which contains later revisions of the material.) G. S. A. Wheatcroft and A. E. W. Park, *Wheatcroft on Capital Gains Taxes*.

GENERAL READING: Latest *Report of Commissioners of Inland Revenue*; C. N. Beattie, *Elements of the Law of*

Income and Capital Gains Taxation; B. Pinson, *Revenue Law*.

FOR REFERENCE: Butterworth's *Income Tax Handbook*; *British Tax Encyclopedia*, Vols. 2-5.

Candidates will be supplied in the examination room with copies of Butterworth's *Income Tax Handbook* (edition current on 1 January of the year in which the examination is held).

458 The Law of Business Taxation Mr Park and Professor Wheatcroft.

Syllabus The general structure and administration of Income Tax, Surtax, Capital Gains Tax and Corporation Tax: the rules as to residence of companies and partnerships, for tax purposes. The definition, ascertainment and computation of income under Cases I and II of Schedule D and Case V in relation to business profits and the deductions and allowances (including capital allowances and loss relief) which may be set against such income. The definition, ascertainment and computation of other types of income (in outline only).

The definition, ascertainment and computation of capital gains (in outline) and the special provisions of capital gains tax relating to business assets. The rules for applying Income Tax, Surtax and Capital Gains Tax to partnerships and sole traders and for applying Corporation Tax to companies. The provisions of Schedule F in relation to companies.

Double tax relief in relation to business income and its relation to companies, partnerships and sole traders. The tax treatment of pensions and pension contributions in relation to trades and professions (including S.379 and S.388 schemes).

The tax treatment of close companies, groups of companies, reconstructions, amalgamations and the problems raised by legislation relating to dividend stripping and transactions in securities.

Recommended reading TEXTBOOKS: G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* with latest supplement (excluding chaps. 1-3, 7, 9, 10 and 11) and either P. M. B. Rowland and J. E. Talbot, *Corporation Tax* or

C. N. Beattie, *Corporation Tax*. Alternatively, students may use Vol. I of the *British Tax Encyclopedia* (loose leaf) which contains later revisions of "The Law of Income Tax, Surtax and Profits Tax" together with a section on Corporation Tax.

GENERAL READING: Latest *Report of Commissioners of Inland Revenue*; C. N. Beattie, *The Elements of the Law of Income and Capital Gains Taxation*.

FOR REFERENCE: Butterworth's *Income Tax Handbook*; *British Tax Encyclopedia*; Vols. 2-5.

Candidates will be supplied in the examination room with copies of Butterworth's *Income Tax Handbook* (edition current on 1 January of the year in which the examination is held).

459 Law of Estate Planning Professor Wheatcroft, Professor Crane (Q.M.C.), Professor Maudsley (K.C.) and Professor Scamell (U.C.)

Syllabus The problems of the distribution and disposition of property belonging to or under the control of an individual for the benefit of his dependants or other desired beneficiaries.

The purposes of estate planning including provision for dependants and other beneficiaries through the distribution of income and capital, the incidence of taxation and the importance of choice of method.

The legal methods available for the distribution and disposition of property including (i) settlements made *inter vivos* or by will and interests commonly employed therein including annuities, life interests, entailed interests, protective and discretionary trusts of income or capital; trusts for the accumulation of income; powers of appointment; conditions precedent and subsequent; future interests generally; the power of the courts to vary settlements and trusts (in outline only), (ii) deeds of covenant, (iii) policies of insurance, (iv) gifts, (v) family or controlled companies. The statutory requirements concerning provisions for dependants on death.

The law of taxation affecting the various dispositions above referred to including:

the income tax and surtax provisions relating to settlements and controlled companies, the taxation of capital on death by estate duty (including the exceptions and exemptions from duty, the methods of valuation, deductions for liabilities, rules for aggregation and rates of duty) and the taxation of transactions which attract *ad valorem* stamp duty.

Note Candidates will not be required to answer questions on charitable trusts or dispositions, or on the revenue law relating thereto.

Recommended reading C. N. Beattie, *The Elements of Estate Duty*; either T. Key and H. W. Elphinstone, *Precedents in Conveyancing*, relevant preliminary notes and precedents or F. Prideaux, *Precedents in Conveyancing*, relevant preliminary notes and precedents; R. E. Megarry and H. W. R. Wade, *The Law of Real Property*, relevant portions, or A. Gibson, *Conveyancing*, relevant portions; J. B. Morcom, *Morcom's Estate Duty Saving*.

FURTHER READING AND REFERENCE: D. C. Potter and H. H. Monroe, *Tax Planning and Precedents*; *Encyclopaedia of Forms and Precedents*, relevant preliminary notes and precedents; C. N. Beattie, *The Elements of Income Tax*; J. G. Monroe, *Stamp Duties*; B. Pinson, *Revenue Law*; G. S. A. Wheatcroft, *The Law of Income Tax, Surtax and Profits Tax* (also published as Vol. I of the *British Tax Encyclopedia*); G. S. A. Wheatcroft, *The Taxation of Gifts and Settlements*.

Students should consult the latest editions of these books.

The attention of students is drawn to the importance of articles etc., appearing in periodical literature, especially the *British Tax Review* and *The Conveyancer*.

460 The Law of Restitution Mr Goff and Mr Cornish.

Syllabus The general principles of the law of restitution, including: theoretical basis; personal and proprietary claims. Acquisition of benefit from plaintiff: mistake; compulsion; necessity; ineffective transactions. Acquisition of benefit from third party: attornment; subrogation and related rights; intervention without right;

improperly paid beneficiaries etc.; voidable preferences and dispositions in fraud of creditors; imperfect gifts. Acquisition of benefit through a wrongful act: waiver of tort; crime; breach of fiduciary relationship. Defences to restitutionary claims.

Recommended reading R. L. A. Goff and G. H. Jones, *The Law of Restitution*; S. J. Stoljar, *The Law of Quasi-Contracts*; American Law Institute, *Restatement of Restitution*; R. M. Jackson, *History of Quasi-Contract*; P. H. Winfield, *Province and Function of the Law of Tort*; P. H. Winfield, *Law of Quasi-Contract*; D. W. M. Waters, *The Constructive Trust*. Students should consult the latest editions of these books.

461 Monopoly, Competition and the Law

Professor Yamey, Mr Whiteman and others.

Syllabus The Common Law. The Restrictive Trade Practices Act, 1956, Part I: registration, enforcement and avoidance; the criteria of the public interest; the justiciability of the issues before the Restrictive Practices Court; analysis of the main decisions of the Court.

The Monopolies Commission: single-firm monopolies; control of mergers; the problem of non-collusive oligopoly; an analysis of selected reports of the Commission.

Resale price maintenance: the enforcement of resale price maintenance under the Act of 1956; the control of resale price maintenance under the Resale Prices Act, 1964.

Recommended reading J. Lever, *The Law of Restrictive Trade Practices and Resale Price Maintenance*; A. Hunter, *Competition and the Law*; R. B. Stevens and B. S. Yamey, *The Restrictive Practices Court*; *The Judicial Process and Economic Policy*; B. S. Yamey (Ed.), *Resale Price Maintenance*, especially chaps. 1 and 8. Further references will be given at the beginning of the course, including references to legal developments in the United States of America and the Common Market.

462 The Principles of Civil Litigation

Master Jacob and Mr Zander.

Syllabus The general principles and practice of civil litigation, including: the organization, 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 enforcement of judgments 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 assessments 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 general procedure).

The organization and function of Tribunals (in outline only) and the general procedures adopted by Tribunals and arbitrators; comparisons will be made between these 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 one or more selected foreign systems.

Recommended reading W. B. Odgers, *Pleading and Practice*; R. M. Jackson, *The Machinery of Justice in England*; B. Cardozo, *The Nature of the Judicial Process*; P. A. Devlin, *Trial by Jury*; C. P. Harvey, *The Advocate's Devil*; Final Report of Committee on Supreme Court Practice (Cmd. 8878).

FOR REFERENCE: The Annual Practice; The County Court Practice; Halsbury, *Laws of England*; Vol. 1, *Actions*, Vol. 9, *County Courts and Courts*, Vol. 11, *Crown Proceedings*, Vol. 12, *Discovery and Divorce*, Vol. 16, *Execution*, Vol. 22, *Judgments and Orders*, Vol. 23, *Juries*, Vol. 30, *Pleading and Practice and Procedure*; E. Bullen and S. M. Leake, *Precedents of Pleading*; J. Chitty, *Queen's Bench Forms*; *Encyclopedia of Court*

Forms; W. S. Holdsworth, *History of English Law*, Vol. I and Vol. IX, chap. 7; R. Sutton, *Personal Actions at Common Law*; H. C. Gutteridge, *Comparative Law*; R. David and H. P. de Vries, *French Legal System*; A. T. Von Mehren, *The Civil Law System*; *Legal Aid Handbook* (H.M.S.O.); *Civil Judicial Statistics* (H.M.S.O., annual); *Manual of German Law*, Vol. I (H.M.S.O.); Report of Royal Commission on Despatch of Business at Common Law (Cmd. 5065); 1st, 2nd and 3rd Reports of Committee on County Court Procedure (Cmd. 7468 and 7668); 1st, 2nd and 3rd Reports of Committees on Supreme Court Practice (Cmd. 7764, 8176 and 8617); Report of Committee on Administrative Tribunals and Enquiries (Cmd. 218); Report of Law Society on Operation of Legal Aid and Advice Act (1949, annual); Articles on Practice and Procedure in *The Law Quarterly Review*, *The Modern Law Review* and other periodicals.

463 Comparative Criminal Law and Procedure

Mr Hall Williams, Mr D. A. Thomas and Mr Davies (Q.M.C.).

Syllabus GENERAL PRINCIPLES: A consideration of the main principles of English Criminal Law in comparison with those of the following Penal Codes: The Canadian Code of 1954; The Indian Penal Code of 1860; The Codes of Nigeria, Nyasaland, Uganda; The Danish Criminal Code of 1930; together with the English Draft Criminal Code of 1879 and the American Law Institute, Draft Model Penal Code.

SELECTED ASPECTS: A comparative examination of such selected aspects of English Criminal Law and Procedure as may be prescribed from time to time.

Prescribed Aspects: Session 1968-1969:
1. *Specific crimes:* larceny and kindred offences; offences against public morality.
2. *Procedure:* decision to prosecute; position of accused as a witness; sentencing process.

Recommended reading will be given during the course.

464 Comparative Conflict of Laws

Professor Graveson (K.C.) and Mr Lazar.

Syllabus I. The history of the Conflict of Laws: classification; renvoi; public policy and the limits of application of foreign law; domicile.

II. For examinations to be held in 1968 and 1969: Contract, including negotiable instruments; tort; movable property (excluding succession to movable property); bankruptcy.

Recommended reading I. English Conflict of Laws. TEXTBOOKS: G. C. Cheshire, *Private International Law*; M. Wolff, *Private International Law*; R. H. Graveson, *Conflict of Laws*; R. H. Graveson, *Cases on the Conflict of Laws*. WORKS OF REFERENCE: A. V. Dicey, *Conflict of Laws*; J. D. Falconbridge, *Essays in the Conflict of Laws*.

II. Comparative Law. GENERAL: E. Rabel, *Conflict of Laws*; A. K. Kuhn, *Comparative Commentaries on the Conflict of Laws*; R. H. Graveson, "Comparative Aspects of the General Principles of Private International Law" (*Recueil des Cours de l'Académie de Droit International à la Haye*, 1963).

CANADA: J. D. Falconbridge, *Essays in the Conflict of Laws*; W. S. Johnson, *The Conflict of Laws with special reference to the Law of the Province of Quebec*.

UNITED STATES: American Law Institute, *Restatement of the Law of Conflict of Laws* and *ibid.*, *Second Draft*; R. H. Graveson, "The Comparative Evolution of Principles of the Conflict of Laws in England and the U.S.A." (*Recueil des Cours de l'Académie de Droit International à la Haye*, 1960); H. F. Goodrich, *Conflict of Laws*; G. W. Stumberg, *Conflict of Laws*; E. E. Cheatham and others, *Cases and Materials on Conflict of Laws*; W. W. Cook, *The Logical and Legal Bases of the Conflict of Laws*; A. A. Ehrenzweig, *Conflict of Laws*.

CONTINENTAL COUNTRIES: H. Batiffol, *Traité Élémentaire de Droit International Privé*; P. Arminjon, *Précis de Droit International Privé*; P. Lerebours-Pigéonnière, *Précis de Droit International Privé*; A. F. Schnitzer, *Handbuch des Internationalen Privatrechts*; W. Niederer, *Einfuehrung in die allgemeinen Lehren des*

Internationalen Privatrechts; M. Wolff, *Das Internationale Privatrecht Deutschlands*; L. Raape, *Internationale Privatrecht*.

Students should consult the latest editions of these books.

A reading list in respect of each of the special topics will be available on request.

Note Candidates are advised to read relevant articles in *The British Yearbook of International Law*, *The International and Comparative Law Quarterly*, the *Transactions of the Grotius Society*, and other leading English and American Law reviews, as well as in Clunet's *Journal de Droit International Privé* (published in French and English) and *Revue Critique de Droit International Privé*. For surveys of the leading Continental systems the *Recueil des Cours de l'Académie de Droit International à la Haye* should be consulted. Attention is further drawn to the Bilateral Studies in Private International Law (Oceana Publications, New York), and to the reports on the Hague Conference of Private International Law.

465 Soviet Law

Professor Kiralfy (K.C.), Mr E. L. Johnson (U.C.) and Dr Lapenna.

Note Candidates taking LL.M. subject 24 *Soviet Law* may not take Section (B)3 *Soviet Law* under LL.M. subject 23 *Comparative European Law*.

Candidates are required to offer A and one of B, C or D. It may not be possible to provide courses for each option every year.

A. Introduction

Main features of the Tsarist legal system. Fundamental Marxist notions of State and Law. The sources of Soviet Law, and its branches. The position of Public International Law. The concept of ownership in Marxist theory and Soviet legal practice. State property. Legal aspects of the economic system. Socialist legality. The organization of the courts. The procuracy, advocates and notaries. State and departmental arbitration. Comrades' courts and workers' collectivities. Soviet legal terminology.

B. Civil Law and Domestic Relations
The law of persons, property, contract, delict, unjust enrichment and succession on death. Marriage, divorce, nullity, parent and child, guardian and ward. Adoption. Civil procedure.

Note Candidates taking option B may not take LL.M. subject 25 *Comparative Family Law*.

C. Criminal Law

The General Part of the Criminal Law. Criminal liability. Punishments and compulsory measures of a medical and educational character. The principal political and economic offences. Criminology and penal policy. Criminal procedure.

D. Constitutional and Administrative Law
Sovereignty and federalism. Scheme of administrative authorities. The principle of double subordination. The planning organs. The role of the Communist Party of the Soviet Union. Administrative procedures for the redress of grievances.

Note No knowledge of Russian is required, but students taking the course will be required to familiarize themselves with Russian technical legal terms.

Recommended reading IN ENGLISH:

H. J. Berman, *Justice in the U.S.S.R.*; *Soviet Criminal Law and Procedure*; L. Boim, Glenn G. Morgan and A. Rudzinski, *Legal Controls in the Soviet Union*; A. Denisov and M. Kirichenko, *Soviet State Law*; F. J. Felbrugge, *Soviet Criminal Law (General Part)*; V. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe (re parts)*; V. Gsovski, *Soviet Civil Law*; K. Grzybovski, *Soviet Legal Institutions*; J. N. Hazard, *Law and Social Change in the U.S.S.R.*; *Settling Disputes in Soviet Society*; J. N. Hazard and J. Shapiro, *The Soviet Legal System*; H. Kelsen, *The Communist Theory of Law*; A. Kiralfy, *The Russian Civil Code*; W. R. LaFave, *Law in the Soviet Society*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; Glenn G. Morgan, *Soviet Administrative Legality*; P. S. Romashkin, *Fundamentals of Soviet Law*; Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1-3, 5, 10, 12.

CASE BOOKS: J. N. Hazard and M. L. Weisberg, *Cases and Readings in Soviet Law*; H. J. Berman (Ed.), *Soviet Statutes and Decisions*.

Works in Russian may be recommended to those possessing a sufficient knowledge of the language.

466 Comparative Family Law

Dr Stone and Professor Freedman. Sessional.

Note When the prescribed option in Comparative European Law is "Persons and Family Law"

candidates will not be permitted to offer both Comparative European Law and Comparative Family Law. Candidates taking option B "Civil Law and Domestic Relations" in LL.M. subject 24 *Soviet Law* may not take Comparative Family Law.

Admission by permission of the teachers in charge.

Syllabus A comparison between the judicial concepts and the substantive law regarding: (a) family property rights and maintenance obligations (including any law of succession to property on death) and (b) infants, minors or children; and their relation to other areas of family law, in representative common law and civil law or community property jurisdictions, and other specified legal systems. Until further notice:

- (i) The common law jurisdictions studied will be those of England and Wales, and the States of New York and Pennsylvania.
- (ii) The civil law and community property jurisdictions studied will be Western Germany and the North American States of California and Texas.
- (iii) The other specified legal systems studied will be the law of the Overseas Chinese communities in Singapore and Hong Kong.

Recommended reading Further reading lists will be issued at the beginning of the course.

1. Common law jurisdictions and general comparative works:

(a) BOOKS: P. Bromly, *Family Law*;

W. G. Friedmann, *Matrimonial Property Law* (1955); British Institute of International and Comparative Law, *Parental Custody and Matrimonial Maintenance* (1966); Foote, Levy and Sander, *Cases and Materials on Family Law*, esp. chaps. 1, 3, 4, 10 and 11; M. Hubbell, *Law Directory*, Vol. 4.

(b) JOURNALS AND ARTICLES: *Journal of Family Law* (University of Louisville, Kentucky).

(c) LEGISLATION: New York Decedent Estate Law as amended 1965; Domestic Relations Law as amended 1965, and Family Court Act.

(d) FURTHER READING: Foster and Freed, *Law and the Family*, esp. Vol. 2 (1966).

2. Civil law jurisdictions:

(a) BOOKS: A. N. Yiannopoulos (Ed.), *Civil Law in the Modern World*, esp. M. Rheinstein, "The Law of Family and Succession"; E. J. Cohn, *Manual of German Law* (2nd edn., 1967), esp. the chap. on Family Law; Charmatz and Daggett, *Community Property* or W. E. Burby, *Cases on Community Property* (4th edn. 1955).

(b) JOURNALS AND ARTICLES: Report of the Workshop on Family Law (J. of S.P.T.L., 1967).

(c) LEGISLATION: Relevant parts of the Civil, Financial, Probate and Welfare and Institutions Codes of California. Revised Civil Code of the State of Texas, 1967; German Civil Code, 4th book, arts. 1297-1921. (Translations in English or French of these provisions will be available.)

(d) FURTHER READING: California Continuing Education of the Bar: *The California Family Lawyer* (2 vols.).

3. The Overseas Chinese Communities:
(a) BOOKS: M. Freedman, *Chinese Family and Marriage in Singapore* (H.M.S.O. 1957).

(b) JOURNALS AND ARTICLES: M. Freedman, "Colonial Law and Chinese Society" (80 J. Royal Anthropological Institute, 1950); M. Freedman, "Chinese Family Law in Singapore" in J. N. D. Anderson (Ed.), *The Rout of Custom* (1968); D. C. Buxbaum, "Chinese Family Law in a Common Law Setting: A note on the Institutional Environment and the Substantive Family Law of the Chinese in Singapore and Malaysia" (J. Asian

Studies, Vol. XXXV, No. 4, August 1966); H. McAleavy, "Chinese Law in Hong Kong: the Choice of Sources" in J. N. D. Anderson (Ed.), *Changing Law in Developing Countries* (1963).

(c) LEGISLATION: The Women's Charter, 1961, Singapore.

467 Law of International Institutions

Professor D. H. N. Johnson.

Also for M.Sc.: *International Institutions*, X 3.

Syllabus (A) General Aspects of International Law: Definition; Development; Sources; Functions and Types of International Institutions; General Principles of International Institutional Law; Methods.

(B) *Non-Comprehensive International Institutions:*

1. Judicial International Institutions, with special reference to Permanent Court of Arbitration and the International Court of Justice: Functions; Organization; Jurisdiction; Procedure; Awards; Judgments; Advisory Opinions; Execution.

2. Administrative International Institutions: with special reference to pre-1914 international unions and international river organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

3. Quasi-Legislative International Institutions, with special reference to Conferences and the relevant aspects of the International Labour Organization: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

(C) *Comprehensive International Institutions*, with special reference to the League of Nations and United Nations: Functions; Membership; Organization; Scope of Jurisdiction; Procedure; Powers.

(D) *Hybrid International Institutions:*
1. Universalist Single-purpose Institutions, with special reference to the Inter-governmental Organizations related to the United Nations.

2. Regional Institutions. Multi-purpose Institutions, e.g. Organization of American States; Council of Europe. Single-purpose Institutions, e.g. the International Commission for the Northwest Atlantic Fisheries or the

Commission for Technical Co-operation in Africa (South of the Sahara); Supranational Institutions (the European Coal and Steel Community, the European Economic Community and Euratom).

3. Sectional International Institutions, with special reference to the North Atlantic Treaty and Warsaw Treaty Organizations: Functions; Membership; Organization; Scope of Jurisdiction; Powers.

(E) *Non-Governmental International Organizations*: Arrangements for Consultation with the United Nations under Article 71 of the Charter.

(F) *Legal Aspects of the Co-ordination of International Institutions*.

Note Candidates taking this subject will not be expected to have a detailed knowledge of specialized agencies or other international institutions operating in the field of economics, civil aviation or maritime matters.

(G) *Constitutional Conditions of World Order*.

Recommended reading TEXTBOOKS:

L. Oppenheim, *International Law*, Vol. I (with special reference to Part I, chap. IV: The Legal Organization of the International Community), and Vol. II (with special reference to Part I: Settlement of State Differences); G. Schwarzenberger, *International Law*, Vol. I; *International Law as Applied by International Courts and Tribunals* (with special reference to chaps. 23-30: Treaties and Unilateral Acts) and *Manual of International Law*, chaps. 9-12; D. W. Bowett, *The Law of International Institutions*.

FURTHER READING: M. M. Ball, *NATO and the European Union Movement*; L. M. Goodrich and E. Hambro, *The Charter of the United Nations*; S. S. Goodspeed, *The Nature and Function of International Organisation*; C. W. Jenks, *The Proper Law of International Organisations*; H. Kelsen, *The Law of the United Nations*; A. H. Robertson, *European Institutions*; S. Rosenne, *The Law and Practice of the International Court*; G. Schwarzenberger, *Power Politics: A Study of World Society* (with special reference to chaps. 15 and 25-30); J. L. Simpson and H. Fox, *International Arbitration*; L. B. Sohn, *Cases on United*

Nations Law and Basic Documents of the United Nations; B. Boutros-Ghali, *The Addis Ababa Charter*; D. W. Bowett, *United Nations Forces*; G. Modelski *et al.*, *SEATO*; R. Higgins, *The Development of International Law through the Political Organs of the U.N.*; Ann Van Wynen Thomas and A. J. Thomas, Jr., *The Organisation of American States*; United Nations, *Repertory of Practice of United Nations Organs and Supplements*; *Repertoire of Practice of The Security Council, 1946-1951*, and *Supplements*. Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; United Nations, *Monthly Chronicle*; *The International and Comparative Law Quarterly*; *International Organisation*; *Year Book of the International Court of Justice*; *Year Book of the United Nations*; *The Year Book of World Affairs*.

468 Law of European Institutions

Dr Valentine.

Also for M.Sc. *European Institutions*, X 4.

Syllabus The history of the movement towards the European communities; political and economic forces; the Zollverein; coal and steel monopolies; the European Defence Community; the European Political Community (all in outline only).

The European Communities: (i) Constitutional Structure: structure and functioning of: the Court of Justice; the European Parliament; the Councils of Ministers; the High Authority; the Consultative Committee; the Commissions; the European Investment Bank; the Social Fund; the Arbitration Committee.

(ii) Implementation of the Treaties: the creation of a common market; commercial and monetary policies; abolition of internal tariffs and quotas; the common external tariff; monopolies and restrictive trade practices; pricing and subsidy schemes; transport and labour policies. The relationship between community law and municipal law; incorporation; harmonization of legislation.

The Council of Europe: structure and functioning of: the Committee of Ministers;

the Consultative Assembly; the Joint Committee. Conventions adopted, with special reference to the European Convention on Human Rights; the Commission and Court of Human Rights; scope and interpretation of the Convention.

Comparison with other European Economic Organizations: (i) European Free Trade Association; Council of Association; arbitration procedures; aims and achievements. (ii) Comecon: the Council; the Assembly; the Executive Committee; the Secretariat; aims and achievements.

Recommended reading E. B. Haas, *The Unity of Europe*; R. Mayne, *The Community of Europe*; A. H. Robertson, *The Council of Europe* (2nd edn.); A. H. Robertson, *European Institutions*.

FURTHER READING: G. Bebr, *Judicial Control of the European Communities*; J. S. Deniau, *The Common Market*; I. Frank, *The European Common Market*; F. Honig and others, *Cartel Law of the European Economic Community*; G. W. Keeton and G. Schwarzenberger (Eds.), *English Law and the Common Market*; R. Pinto, *Les Organisations Européennes*; R. Pryce, *Political Future of the European Communities*; A. H. Robertson, *The Law of International Institutions in Europe*; E. Stein and T. L. Nicholson (Eds.), *American Enterprise in the European Common Market*; D. G. Valentine, *The Court of Justice of the European Communities* (2 Vols.).

Reference should also be made to: *The Year Book of the European Convention on Human Rights*; *Common Market Law Reports*; *International Law Reports*; *Journal of Common Market Studies*; *Common Market Law Review*; F. L. Peyor, "Forms of Economic Co-operation in the European Communist Block" (*Soviet Studies*, Oct. 1959); Institute of Advanced Legal Studies, *Index to Foreign Legal Periodicals*; articles in B.Y.I.L. and I.C.L.Q.

English translations of the three European Community Treaties, the Rules of Procedure of the Communities' Court, E.E.C. Regulations, the E.F.T.A. Treaty and the European Convention on Human Rights are obtainable from Her Majesty's Stationery Office.

469 International Law of the Sea

Professor D. H. N. Johnson.

Syllabus I. Introduction. History; sources.

II. *Delimitation of the Relevant Areas.* Internal waters; the territorial sea and the contiguous zone; bays; harbour works and roadsteads; islands and low-tide elevations; international straits and waterways; the high seas and the sea-bed; the continental shelf.

III. *The Principle of the Freedom of the Seas.* Ordinary and extraordinary rights of jurisdiction in time of peace, with special reference to piracy and the slave trade; coercive measures short of war; limitations and exceptions.

IV. *Users of the High Seas and the Sea-Bed.* Navigation; fisheries; exploitation of other natural resources; scientific research and experiments; disposal of radioactive waste; naval exercises; pipe lines; cables; mechanical installations; other users.

V. *Jurisdiction over Maritime Areas adjacent to the Coast.* The regime of ports and internal waters; the regime of the territorial sea and the contiguous zone; the regime of the continental shelf; the right of hot pursuit; ships in distress.

VI. *Access to the Sea for States without a Sea Coast.* Transit between the sea and a state without a sea coast; use of ports and the territorial sea of neighbouring states; right to sail ships on the high seas.

VII. *The Legal Regime of the Ship.* Nationality of ships; flags of convenience; warships and other government-owned ships on non-commercial service; government-owned merchant ships; privately-owned merchant ships; collision, wreck and salvage; stateless ships; pirate ships.

VIII. *The Legal Regime of Crew, Passengers and Cargo.* Jurisdiction; the master; master and crew; conditions of labour; consular jurisdiction over seamen abroad; functional protection of seamen.

IX. *Rules for Securing Safety at Sea.* Rules for the prevention of collisions at sea; assistance at sea; load line conventions; pollution.

X. *Maritime Law in Time of War.* Prize law and prize courts; rules of maritime warfare; the law of maritime neutrality.

XI. *International Maritime Institutions.*

Types; functions; organization; jurisdiction.

Recommended reading TEXTBOOKS: C. J. Colombos, *International Law of the Sea*; G. Gidel, *Le Droit International Public de la Mer*; M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; G. Schwarzenberger, *The Fundamental Principles of International Law*, chap. VIII; *Recueil*, Hague Academy, Vol. 87; G. Schwarzenberger, *International Law; International Law as Applied by International Courts and Tribunals*, Vol. I (with special reference to chaps. 13, 19 and 20); H. A. Smith, *The Law and Custom of the Sea*.

FURTHER READING: R. R. Baxter, *The Law of International Waterways*; B. A. Boczek, *Flags of Convenience*; British Institute of International and Comparative Law, *Developments in the Law of the Sea, 1958-1964* (Special Publication No. 6, 1965); Lord Chorley and O. C. Giles, *Shipping Law* (with special reference to Part I: The Ship); C. J. Colombos, *The Law of Prize*; T. W. Fulton, *The Sovereignty of the Sea*; Harvard Law School, Research in International Law, *The Law of Territorial Waters* (23 A.J.I.L., 1929, Special Supplement); *Piracy* (26 A.J.I.L., 1932, Special Supplement); International Law Commission of the United Nations, *Relevant Summary Records, Documents and Yearbooks*; W. R. Kennedy, *The Law of Civil Salvage*; R. G. Marsden, *Collisions at Sea*; M. W. Mouton, *The Continental Shelf* (*Recueil*, Hague Academy, Vol. 85); *Report of the First United Nations Conference on the Law of the Sea* (Cmnd. 584); N. Singh, *International Conventions of Merchant Shipping*; M. Sørensen, *Law of the Sea*; M. P. Strohl, *The International Law of Bays*; *Temperley's Merchant Shipping Acts*.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *The Year Book of World Affairs*.

470 Criminology

Mr Hall Williams and Professor James (K.C.).

Syllabus I. Introduction. The legal and the

criminological concept of crime. Relation between Criminology and Criminal Law. Adult Criminal Courts, Juvenile Courts and some specific problems of Criminal Procedure.

II. *Criminology*. Methods of Study. Physical, psychological and sociological factors in criminal behaviour. Legal principles relating to insanity, mental deficiency and other forms of mental abnormality. Juvenile and female delinquency. Prostitution.

III. *Penology*. Philosophical, psychological and historical aspects of punishment. The present penal system. Prison, Borstals. Institutions for young offenders. Probation. Problems of prevention.

Recommended reading TEXTBOOKS: H. Jones, *Crime and the Penal System*; E. H. Sutherland, *Principles of Criminology* (revised by D. R. Cressey); W. A. Elkin, *The English Penal System*; N. Walker, *Crime and Punishment in Britain*; H. Mannheim, *Comparative Criminology*. **FURTHER READING:** L. W. Fox, *The English Prison and Borstal Systems*; M. Grünhut, *Penal Reform*; H. Mannheim, *Group Problems in Crime and Punishment*; *The Dilemma of Penal Reform*; *Criminal Justice and Social Reconstruction*; S. and E. T. Glueck, *Unravelling Juvenile Delinquency*; *Physique and Delinquency*; K. Friedlander, *Psycho-analytical Approach to Juvenile Delinquency*; J. Bowlby, *Maternal Care and Mental Health*; B. Wootton, *Social Science and Social Pathology*; *Crime and the Criminal Law*; A. K. Cohen, *Delinquent Boys: The Culture of the Gang*; A. K. Cohen and others (Eds.), *The Sutherland Papers*; R. A. Cloward and L. E. Ohlin, *Delinquency and Opportunity*; T. P. Morris, *The Criminal Area*; J. B. Mays, *Growing up in the City*; *Crime and Social Structure*; M. A. Elliott and F. E. Merrill, *Social Disorganisation*; S. Glueck, *The Problem of Delinquency*; G. Rose, *The Struggle for Penal Reform*; T. E. James, *Child Law*; G. M. Sykes, *Society of Captives*; M. E. Wolfgang, L. Savitz, N. Johnston, *The Sociology of Crime and Delinquency*; *The Sociology of Punishment and Correction*; G. Trasler, *The Explanation of Criminality*; M. S. Guttmacher and H. Weihofen, *Psychiatry and the Law*; W. H. Hammond and E. Chayen,

Persistent Criminals; The Cambridge Studies in Criminology; The Library of Criminology, Delinquency and Deviant Social Behaviour.

Students should consult the latest editions of these books.

The following official sources should be consulted:

Annual Reports of the Prison Department and the Central Aftercare Association; Criminal Statistics (England and Wales) annually; Reports of the Home Office Children's Department (occasional). U.K. Home Office, *Prisons and Borstals*; *The Sentence of the Court*; Home Office Research Unit publications (occasional); Reports of the Home Office Advisory Council on the Treatment of Offenders (occasional); Reports of relevant Royal Commissions and Departmental Committees.

471 Industrial and Intellectual Property

Mr Cornish.

Patents History of patents for inventions. Present system: subject-matter; right to apply; employees' inventions; form of application; Patent Office objections and opposition proceedings; grounds of invalidity; infringement and threats actions; assignments, licences, Crown use; patents of addition; extensions. Comparison with other patent systems. Place of patent protection in the economy. Trade secrets and the protection of 'know-how'; scope of present law; relation to patent system.

Designs History of design protection. Present system: subject-matter; registration; invalidity; infringement. Relation to copyright. Other methods of design protection.

Trade Marks and Names Protection at common law: passing off, slander of title, slander of goods. Trade mark registration: its relation to common law protection; right to apply for registration; purpose of registration; distinctiveness; deception and confusion; division of the register, defensive registrations; certification trade marks; infringement; assignment, registered user, licensing; non-user and use by competitor. Merchandise Marks Acts.

Copyright History of copyright protection. Nature of copyright. Works in which copyright exists; periods of copyright; ownership, assignment, licensing; infringement in relation to the different classes of "works". Relation to breach of confidence and the protection of "know-how". Other systems of copyright.

Recommended reading T. A. Blanco White, *Industrial Property and Copyright*. **TEXTS:** T. A. Blanco White, *Patents for Inventions and Registered Designs*; G. Aldous, D. Falconer and W. Aldous, *Terrell on Patents*; A. Turner, *The Law of Trade Secrets*; A. D. Russell-Clarke, *Copyright in Industrial Designs*; T. A. Blanco White, *Kerly on Trade Marks*; F. E. and E. P. Skone James, *Copinger and Skone James on Copyright*; P. F. Carter-Ruck and E. P. Skone James, *Copyright, Modern Law and Practice*. Students should consult the latest editions of these books.

OTHER GRADUATE COURSES IN LAW GIVEN AT THE SCHOOL

472 Problems of Civil Litigation

Professor Wheatcroft, Master Jacob and Mr Zander. Fortnightly, Michaelmas and Lent Terms.

This seminar is mainly for students attending Course No. 462. Current problems in civil litigation will be discussed. Admission by permission.

473 Problems in Taxation (Seminar)

Professor Wheatcroft and Dr Breton. Fortnightly, Lent and Summer Terms.

For graduate students in the Law Department and M.Sc.: *Public Finance*, III 4 (xi). Admission by permission of Professor Wheatcroft.

Syllabus The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

Law

474 Advanced International Law
Professor D. H. N. Johnson and Mr Lazar.

For graduate students in the Law Department and for students taking international law subjects in M.Sc. International Relations. Admission by permission of Professor Johnson.

475 Legal Medicine and Psychiatry

Mr Hall Williams, Dr Stone and visiting speakers. Lectures followed by discussion, Michaelmas and Lent Terms.

SEMINARS FOR THE LL.M. DEGREE, GIVEN AT OTHER COLLEGES

Subject

Jurisprudence and Legal Theory

Administrative Law and Local Government Law

**Marine Insurance
Carriage of Goods by Sea
Law of Mortgages and Charities**

Law of Landlord and Tenant

Planning Law

**Law of Estate Planning
Comparative Law of Contract in Roman and English Law
Comparative European Law**

History of International Law

**Law of International Institutions
Law of European Institutions
Air and Space Law**

**International Law of the Sea
International Law of War and Neutrality**

For LL.M.: *Criminology; Comparative Family Law*; LL.B.: *Law of Domestic Relations*. Optional for Dip. Applied Soc. Studies. Other students may attend by permission.

475(A) Criminology Class

Mr Hall Williams. Michaelmas and Lent Terms.

For LL.M.: *Criminology*. Admission by permission of Mr Hall Williams.

476 Labour Law

Professor Wedderburn, Professor Grunfeld and Mrs Aikin. Sessional.

For M.Sc.: *Labour Law*, VII 2(iii) and others interested.

Lecturer

Professor Lord Lloyd and Professor Chloros
Professor Holland

Professor Ivamy
Professor Ivamy
Professor Keeton and Professor Ryder
Professor Crane and Professor Kiralfy
Mr Knight
Mr Knight
Professor Scamell
Professor Thomas and others
Professor Kiralfy and Professor Chloros
Mr Parkinson and Mr Sutton
Mr Kinley
Professor Cheng
Mr Brown and Dr Jacobi
Professor Cheng and Mr Austin
Mr Brown
Mr Austin
Mr Kinley

Law

Subject

International Economic Law

African Law

Hindu Law

Muhammadan Law

Lecturer

Professor Schwarzenberger and Mr Sutton
Professor Allott and others
Professor Derrett
Professor Anderson and Professor Coulson

OTHER GRADUATE SEMINARS IN LAW, GIVEN AT OTHER COLLEGES

Subject

**Methods and Sources of International Law
Sociology of International Law**

International Law

International Studies

Lecturer

Professor Cheng
Dr Jacobi
Mr Parkinson
Professor Schwarzenberger and others
Professor Schwarzenberger and others

Philosophy, Logic and Scientific Method

Philosophy, Logic and Scientific Method

485 Introduction to Scientific Method
Professor Sir Karl Popper. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 4, *Introduction to Scientific Method*; B.Sc. (Econ.) Part II: *Logic and Methodology*, XVI 5 (second year); B.A. Phil. and Econ. (first year). Recommended as a preparation for Course No. 486.

Syllabus On problems and understanding problems. The aims of science explanation and application. The evolution of standards of explanation. Logical analysis of explanation. Explanation and deduction. Logical analysis of tests. Historical and theoretical explanations. Criteria of scientific progress. Degrees of testability. Role of measurement. The empirical basis. Probability and its interpretations. *Ad hoc* hypotheses. The problem of induction and its history. Methods of the social sciences. Philosophy of history.

Recommended reading C. G. Hempel, *Philosophy of Natural Science*; K. R. Popper, *Conjectures and Refutations*, especially the introduction and chaps. 1, 2, 3, 5, 7, 8, 10, 11; *The Logic of Scientific Discovery*, especially chaps. 1-7, 10; *The Poverty of Historicism*.

485(a) Introduction to Scientific Method Class

Fortnightly, Michaelmas and Lent Terms, in conjunction with Course No. 485.

For B.Sc. (Econ.) Part I.

486 Scientific Method

Dr Lakatos. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Scientific Method*, I 3a; III 3a; VI 8e; VII 7 and 8j; VIII 3e; X 1 and 2d (third year); *Philosophy and History of Science*, XVI 3b and 8b; *Logic and Methodology*, XVI 5 (second or third year); B.A. Phil.

and Econ. (second or third year); M.Sc.: *Advanced Scientific Method*, XII 2. For M.Sc.: *Operational Research Methods*, XI 4 (i) (Michaelmas Term only). Students are expected to have attended Course No. 485 *Introduction to Scientific Method* in preparation for this course.

Syllabus The problem of method. The aims of science. Explanation and independent evidence. Falsifiability. Probabilistic hypotheses. Avoidance of the "paradoxes" of confirmation. Simplicity. The questions of physical, social and historical necessity. Determinism and indeterminism. The nature of scientific revolutions. Reductions in science. Metaphysics and science. Methods of the social sciences. Philosophy of history.

Recommended reading ESSENTIAL READING: See recommended reading for Course No. 485.

FURTHER READING: W. Whewell, *History of the Inductive Sciences*, Books 5, 6 and 7; *Philosophy of the Inductive Sciences*; H. Poincaré, *Science and Hypothesis*; P. Duhem, *The Aim and Structure of Physical Theory*; P. W. Bridgeman, *The Logic of Modern Physics*; H. Weyl, *The Philosophy of Mathematics and Natural Science*; E. Nagel, *The Structure of Science*; N. R. Campbell, *What is Science?*; K. R. Popper, "The Aim of Science" (*Ratio*, Vol. 1, 1958); J. W. N. Watkins, "Confirmable and Influential Metaphysics" (*Mind*, Vol. 67, 1958); P. K. Feyerabend, "Explanation, Reduction, and Empiricism" (*Minnesota Studies in the Philosophy of Science*, Vol. 3); J. Agassi, *Towards an Historiography of Science*; T. S. Kuhn, *The Structure of Scientific Revolutions*. Some useful anthologies are H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*; I. Lakatos and A. E. Musgrave (Eds.), *Problems in the Philosophy of Science*; M. Bunge (Ed.), *The Critical Approach*; A. J. Ayer (Ed.), *Logical Positivism*; P. A. Schilpp (Ed.), *The Philosophy of Rudolf Carnap*; I. Lakatos (Ed.), *The Problem of Inductive Logic*; M. H. Foster and M. L. Martin (Eds.), *Probability, Confirmation, and Simplicity*. Students should also see the recommended reading for Courses Nos. 489 and 491.

486(a) Scientific Method Class
Fortnightly, Michaelmas and Lent Terms, in conjunction with Course No. 486.

For B.Sc. (Econ.) Part II, special subject Philosophy (second year).

486(b) Scientific Method Class
Fortnightly, Michaelmas and Lent Terms, in conjunction with Course No. 486.

For B.Sc. (Econ.) Part II: *Scientific Method*, I 3a; III 3a; VI 8e; VII 7 and 8j; VIII 3e (third year).

487 Introduction to Logic
Mr Musgrave. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 3, *Introduction to Logic*; B.Sc. (Econ.) Part II: *Logic and Methodology*, XVI 5; *Mathematical Logic*, X 6 and 7h; XI 2b; XVI 4b (second year); B.A. Phil. and Econ. (first year); B.Sc. (Maths.) Part I, 5b; M.Sc.: *Elements of Mathematical Logic*, XII 1b.

Syllabus A brief survey of the history of logic and its relationships with mathematics. Infinite regresses of proofs and definitions. The axiomatic method: Euclidean geometry as a paradigm of perfect knowledge. Non-Euclidean geometries: the problems of consistency, completeness, independence. The idea of model; relative consistency proofs.

The main problem of logic: validity of inferences. Logical and descriptive words: the theory of valid inference, logical truth, logical falsehood.

Propositional logic. Connectives. Truth-tables as a decision procedure for validity of inferences in propositional logic. Rules of inference and derivations in propositional logic.

Predicate logic. Predicates and quantifiers. Aristotelian logic. Interpretations and validity of inferences in predicate logic.

The lack of a general decision procedure. Rules of inference and derivations in predicate logic. Gödel's completeness theorem.

Arithmetization of mathematics; Peano's

postulates for arithmetic. The Frege-Russell programme. Paradoxes of naive set theory. Russell's simple theory of types. Axiomatic set theory. The Liar paradox: object and metalanguage. Self-reference and meaning. Hilbert's programme and formalization. Example: axiomatized propositional calculus and proofs of its consistency, completeness, and independence. Gödel's incompleteness results.

Recommended reading LOGIC TEXTBOOKS: P. Suppes, *Introduction to Logic*, especially chaps. 1-4. Other books which cover basically the same ground are, in order of increasing difficulty: P. Suppes and A. Hill, *First Course in Mathematical Logic*; W. V. Quine, *Elementary Logic*; A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic*; A. Copi, *Introduction to Logic*; W. V. Quine, *Methods of Logic*; A. Copi, *Symbolic Logic*; B. Mates, *Elementary Logic*.

FURTHER READING: E. Nagel and J. R. Newman, *Gödel's Proof*; W. B. Rosser, "An Informal Exposition of Proofs of Gödel's Theorems and Church's Theorem" (*Journal of Symbolic Logic*, Vol. 4, 1939); I. Lakatos, "Infinite Regress and the Foundations of Mathematics" (*Arist. Soc. Supp. Vol.*, 1962); K. R. Popper, "Logic without Assumptions" (*Proc. Arist. Soc.*, 1946-7); *Conjectures and Refutations*, chap. 14; A. Tarski, *Logic, Semantics, Metamathematics*, chap. 16; M. Kline, *Mathematics: A Cultural Approach*; R. Blanché, *Axiomatics*; P. H. Nidditch, *The Development of Mathematical Logic*.

487(a) Logic Class
Mr Zahar. Michaelmas and Lent Terms, in conjunction with Course No. 487.

For B.Sc. (Econ.) Part I.

488 History of Modern Philosophy
Professor Watkins. Twenty-four lectures of two hours, Sessional.

For B.A. Phil. and Econ. (first year; optional for second year); B.Sc. (Econ.) Part II: *History of Modern Philosophy*, XVI 6 (second year; optional for third year); M.Sc.: *History of Epistemology*,

XII 3. Optional for B.Sc. (Econ.) Part I: alternative subject 4, *Introduction to Scientific Method*.

Syllabus The main problems, theories and arguments of Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley, Hume and Kant considered against the rise of modern science.

Recommended reading (Students are advised to concentrate their reading around three or four of the main philosophers.) TEXTS: F. Bacon, *Novum Organum* in J. Spedding, R. L. Ellis and D. D. Heath (Eds.), *The Works of Francis Bacon*; R. Descartes, *Philosophical Works* (trans. E. S. Haldane and G. R. T. Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding* (Ed. A. S. Pringle-Pattison); B. Spinoza, *Correspondence* (Ed. A. Wolf); *Ethic* (trans. W. H. White and A. H. Sterling, 4th edn.); G. W. Leibniz, *The Monadology and Other Philosophical Writings* (Ed. R. Latta); *Discourse on Metaphysics and Correspondence with Arnould; Selections* (Ed. P. P. Weiner); G. Berkeley, *Works* (Eds. A. A. Luce and T. E. Jessop, Vols. II, IV); D. Hume, *Enquiries* (Ed. L. A. Selby-Bigge), and *Treatise* (Ed. L. A. Selby-Bigge) especially Book I, Parts iii and iv, Book II, Part iii and Book III, Part i; I. Kant, *Prolegomena to any Future Metaphysics*. COLLECTIONS: R. H. Popkin (Ed.), *The Philosophy of the 16th and 17th Centuries*; L. W. Beck (Ed.), *18th-Century Philosophy*.

COMMENTARIES: J. H. Randall, Jr., *The Career of Philosophy*; R. H. Popkin, *The History of Scepticism from Erasmus to Descartes*; M. Mandelbaum, *Philosophy, Science and Sense-Perception*; R. E. Ellis and J. Spedding's Prefaces and Notes in Bacon's *Works*; J. W. N. Watkins, *Hobbes's System of Ideas*, chaps. 3, 7, 8; L. Roth, *Descartes' Discourse on Method*; A. Sesonske and N. Fleming (Eds.), *Meta-Meditations: Studies in Descartes*; J. Gibson, *Locke's Theory of Knowledge*; S. Hampshire, *Spinoza*; B. Russell, *The Philosophy of Leibniz*; editorial introductions in A. A. Luce and T. E. Jessop (Eds.), *The Works of George Berkeley*; N. Kemp Smith, *The Philosophy of David Hume*; S. Körner, *Kant*; H. J. Paton, *Kant's Metaphysics of Experience* (2 vols.).

489 Philosophy of the Social Sciences
Professor Sir Karl Popper and Mr Musgrave. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Philosophy of the Social Sciences*, XVI 8a; B.A. Phil. and Econ. (second and third years); M.Sc.: *Methodology of the Social Sciences*, XII 7.

Recommended reading (A) GENERAL: K. R. Popper, *The Poverty of Historicism; The Open Society and its Enemies*, especially chaps. 13-15, 23-25; R. Rudner, *Philosophy of Social Science*; G. C. Homans, *The Nature of Social Science*; R. Brown, *Explanation in Social Science*; F. A. Hayek, *The Counter-revolution of Science*; P. Winch, *The Idea of a Social Science*; I. Lakatos and A. Musgrave (Eds.), *Problems in the Philosophy of Science*, pp. 305-432; H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*, Part VII; E. Nagel, *The Structure of Science*, chaps. 13-15; J. S. Mill, *System of Logic*, Part IV; A. Rapoport, *Two-Person Game Theory: the Essential Ideas*; J. M. Buchanan and G. Tullock, *The Calculus of Consent*. (B) METHODOLOGY OF ECONOMICS: F. H. Knight, *On the History and Method of Economics*; W. Eucken, *The Foundations of Economics*; F. A. Hayek, *Individualism and Economic Order*; S. Schoeffler, *The Failures of Economics*; K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, February 1959); A. Papandreou, *Economics as a Science*; S. R. Krupp (Ed.), *The Structure of Economic Science*; L. von Mises, *Human Action*; M. Friedman, *Essays in Positive Economics*, chap. 1; T. W. Hutchison, *The Significance and Basic Postulates of Economic Theory*; F. Machlup, *Essays in Economic Semantics*; G. Myrdal, *Value in Social Theory; The Political Element in the Development of Economic Theory*; A. Little, *A Critique of Welfare Economics*.

(C) PHILOSOPHY OF HISTORY: W. Dray (Ed.), *Philosophical Analysis and History*; P. Gardiner (Ed.), *Theories of History*; R. G. Collingwood, *The Idea of History*; A. C. Danto, *Analytic Philosophy of History*; W. Dray, *Laws and Explanations*

Philosophy, Logic and Scientific Method

in History; W. B. Gallie, *Philosophy and the Historical Understanding*; W. Dray, *Philosophy of History*; P. Gardiner, *The Nature of Historical Explanation*; P. Geyl, *Debates with Historians*; M. Mandelbaum, *The Problem of Historical Knowledge*.

490 Incompleteness and Undecidability

Mr Howson. Eight lectures and eight classes, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Mathematical Logic*, XVI 4b; optional for X 6 and 7h; XI 2b (third year); M.Sc.: *Elements of Mathematical Logic*, XII 1b; *Mathematical Logic*, XII 1a.

Syllabus (First three lectures and classes: brief historical account of elementary logic, Aristotle, Boole and the propositional calculus.) A sketch of the general ideas behind Gödel's incompleteness theorem, followed by a detailed proof of the theorem. The equivalence of recursiveness and computability, with some consideration of Turing machines.

491 Selected Topics in the History of Science

Mr Zahar. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Philosophy and History of Science*, XVI 3b and 8b; B.A. (Phil. and Econ.) (second and third years); M.Sc.: *Selected Topics in the History of Science*, XII 6.

Syllabus The structure of scientific revolutions, with special reference to: the seventeenth century revolution; the main philosophies of science which have accompanied the growth of modern science.

Recommended reading ESSENTIAL READING: G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*. FURTHER READING: I. B. Cohen, *The Birth of a New Physics*; Franklin and Newton; T. S. Kuhn, *The Copernican Revolution*; D. Brewster, *Memoirs of Sir Isaac Newton*; A. I. Sabra, *Theories of Light from Descartes to Newton*; A. Koyré, *Newtonian Studies*; From the Closed World to the Infinite Universe; E. Mach, *The Science of*

Mechanics; E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science*; A. Einstein and L. Infeld, *The Evolution of Physics*; H. Butterfield, *The Origins of Modern Science*; M. Caspar, *Kepler*; A. R. Hall, *The Scientific Revolution*; A. R. Hall and M. Boas, *A Brief History of Science*; A. Koestler, *The Sleepwalkers*; S. Toulmin and J. Goodfield, *The Fabric of the Heavens*; *The Architecture of Matter*; *The Discovery of Time*; G. Santillana, *The Crime of Galileo*; C. Boyer, *The Concepts of the Calculus*; O. Toeplitz, *The Calculus: a Genetic Approach*; S. Drake (Ed.), *Discoveries and Opinions of Galileo*; Galileo, *Dialogue Concerning the Two Chief World Systems*; E. Meyerson, *Identity and Reality*.

492 Completeness and Categoricity

Mr Bell. Five two-hour lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Mathematical Logic*, X 6 and 7h; XI 2b; XVI 4b (third year); M.Sc.: *Mathematical Logic*, XII 1a; *Elements of Mathematical Logic*, XII 1b.

Syllabus Hilbert's programme. The Gödel-Henkin completeness theorem for first order theories. The Löwenheim-Skolem theorem. Non-standard arithmetic.

Recommended reading R. Stoll, *Set Theory and Logic*, chap. 9.

BACKGROUND READING: E. Nagel and J. R. Newman, *Gödel's Proof*; R. Stoll, *Set Theory and Logic*, chaps. 1-5; I. Lakatos, "Infinite Regress and the Foundation of Mathematics" (*Arist. Soc. Supp. Vol.*, 1962).

493 Introduction to Model Theory

Mr Bell. Five two-hour lectures, Lent Term.

For M.Sc.: *Mathematical Logic*, XII 1a.

Syllabus Elementary equivalence. Compactness. Ultraproducts.

494 Moral and Political Philosophy

Professor Watkins. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Moral and Political Philosophy*, XVI 4a; *Political Philosophy*, VIII 8a; B.A. (Phil. and Econ.) (second year).

Philosophy, Logic and Scientific Method

Syllabus Moral autonomy and the problem of ethical objectivism. Consent and authority. Freedom and responsibility. Utilitarianism. Tradition. Rational political reform. Democracy.

Recommended reading In addition to some of the classic works of Plato, Hobbes, Locke, Kant and J. S. Mill, the following modern works are recommended: M. Cranston, *Freedom: A New Analysis*; R. M. Hare, *Freedom and Reason*; F. A. Hayek, *The Constitution of Liberty*; M. J. Oakeshott, *Rationalism in Politics*; K. R. Popper, *The Open Society and its Enemies*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*; J. W. N. Watkins, *Hobbes's System of Ideas*.

SEMINARS

495 Philosophy and Scientific Method

Professor Sir Karl Popper and other members of the department. Sessional.

For M.Sc. and other graduate students.

496 Scientific Method and Epistemology

Professor Watkins and Mr Musgrave. Michaelmas and Lent Terms.

For M.Sc. in Logic and Scientific Method.

497 Philosophy of Mathematics

Dr Lakatos. Michaelmas and Lent Terms.

For M.Sc. in Logic and Scientific Method.

498 Philosophical Problems

Professor Watkins and Mr Musgrave. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject Philosophy; B.A. (Phil. and Econ.) (third year).

499 Philosophy of the Social Sciences

Mr Klappholz, Professor Watkins and Mr Musgrave. Fifteen seminars, Michaelmas and Lent Terms.

For B.A. (Phil. and Econ.); B.Sc. (Econ.) Part II: *Philosophy of the Social Sciences*, XVI 8a (second and third years); *Scientific Method*, I 3a (third year); M.Sc.: *Methodology of the Social Sciences*, XII 7.

500 Moral and Political Philosophy

Professor Watkins. Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Moral and Political Philosophy*, XVI 4a; B.A. (Phil. and Econ.) (third year).

CLASSES

501 Philosophical Issues

Professor Watkins. Fifteen meetings, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Epistemology and Metaphysics*, XVI 7; B.A. (Phil. and Econ.) (second year).

502 Philosophy

Sessional.

For B.A. (Phil. and Econ.) (first year).

503 Logic and Scientific Method

Sessional.

For B.A. (Phil. and Econ.) (second year).

504 Mathematical Logic

Mr Howson and Dr Lakatos. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Mathematical Logic*, X 6 and 7h; XI 2b; XVI 4b (second and third years).

505 Philosophy and History of Science

Mr Zahar. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Philosophy and History of Science*, XVI 3b or 8b.

Students are also referred to Course No. 585 Political Thought (Texts).

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Political Studies

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435 International Relations
447 Politics and Public Administration

International Relations

510 Structure of International Society

Professor Goodwin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 7, *Structure of International Society*.

Syllabus The purpose of this course is to promote a deeper understanding of international relations. It will examine the context within which sovereign States are able to engage in continuous and complex relations with one another, discuss the character of those relations, analyse the ingredients of foreign policy and the means by which it is executed, enquire into the circumstances which engender harmony and discord between States, and consider some proposals which have been made for the better ordering of the international society.

Recommended reading J. L. Brierly, *The Law of Nations* (6th edn.); H. Butterfield, *Christianity, Diplomacy and War* (3rd edn.); E. H. Carr, *International Relations Between Two World Wars*; E. H. Carr, *The Twenty Years' Crisis*; I. L. Claude, *Swords into Plowshares* (3rd edn.); G. Connell-Smith, *Pattern of the Post-War World*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; J. Frankel, *International Relations*; L. J. Halle, *The Nature of Power*; F. H. Hartmann, *The Relations of Nations*; J. H. Herz, *International Politics in the Atomic Age*; K. J. Holsti, *International Politics*; R. C. Macridis (Ed.), *Foreign Policy in World Politics* (2nd edn.); C. A. W. Manning, *The Nature of International Society*; H. J. Morgenthau, *Politics Among Nations* (3rd edn.); K. N. Waltz, *Man, The State, and War*; G. Barraclough, *An Introduction to Contemporary History*.

510(a) Structure of International Society (Class)

Members of the Department.
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative

subject 7, *Structure of International Society*.

511 The International Political System

Professor Northedge. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International Politics*, XII 5; XIV 3b (second year); M.Sc.: *International Politics*, X 1; *The Foreign Policies of the Powers*, X 2; *International Politics of an Approved Region*, X 7 and other graduate students.

Syllabus The emergence and organization of the modern system of sovereign States. The political processes in the international community and contemporary thought on its character and functioning. The external needs of States and goals of State activity. The means of pressure and the forms of political relationship between States. The dynamic aspect: revolutionary movements, the external projection of political values and the changing distribution of power and leadership. War as a contingency of international life. Mechanisms for securing stability and agencies for directed change.

Recommended reading S. Hoffmann (Ed.), *Contemporary Theory in International Relations*; H. and M. Sprout, *Foundations of International Politics*; M. A. Kaplan (Ed.), *The Revolution in World Politics*; F. H. Hinsley, *Power and the Pursuit of Peace*; R. Niebuhr, *The Structure of Nations and Empires*; E. M. Winslow, *The Pattern of Imperialism*; H. Seton-Watson, *The New Imperialism*; R. Emerson, *From Empire to Nation*; A. Cobban, *National Self-Determination*; C. J. H. Hayes, *The Historical Evolution of Modern Nationalism*; I. Claude, *Power and International Relations*; A. B. Bozeman, *Politics and Culture in International History*; L. J. Halle, *The Nature of Power*; E. V. Gulick, *Europe's Classical Balance of Power*; B. Moore, *Soviet Politics: the Dilemma of Power*; G. A. Lipsky (Ed.), *Law and Politics in the World Community*; N. Ørvik, *The Decline of Neutrality*; A. Wolfers, *Discord and Collaboration*; R. Aron, *On War*; K. J. Holsti, *International Politics*.

511(a) International Politics (Class)
Professor Northedge, Mr James,
Dr Lyon, Mr Mayall and Mr G. H.
Stern. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject
International Relations; *International
Politics*, XIV 3b (second year).

512 Foreign Policy Analysis

Mr Donelan. Ten lectures, Lent
and Summer Terms.

For B.Sc. (Econ.) Part II: *Foreign Policy
Analysis*, XII 6 (second year); M.Sc.:
International Politics, X 1; *The Foreign
Policies of the Powers*, X 2 and other
graduate students.

Syllabus The aim of this course is to
provide a theoretical framework for the
general study of foreign policy, together
with some account of recent studies in this
field. Such relevant aspects of the subject
as the following will be considered: the
various external and internal pressures
affecting the making and implementation
of foreign policy, the nature of choice in
the conduct of external affairs, the limits
within which policy-makers act and the
problem of rationality in decision making.

Recommended reading J. Frankel, *The
Making of Foreign Policy*; G. Modelski,
The Theory of Foreign Policy; R. C.
Snyder, H. W. Bruck and B. Sapin (Eds.),
Foreign Policy Decision-making; F. Gross,
Foreign Policy Analysis; M. Beloff,
Foreign Policy and the Democratic Process;
K. London, *The Making of Foreign Policy
East and West*; P. Buck and M. Travis,
*The Control of Foreign Relations in Modern
Nations*; C. B. Marshall, *The Nature and
Limits of Foreign Policy*; H. Morgenthau,
In Defence of the National Interest; J. N.
Rosenau, *Domestic Sources of Foreign
Policy*.

**513 The Foreign Policies of the
Powers**

Members of the Department and
Mrs Pickles. Thirty lectures, Lent
and Summer Terms.

For B.Sc. (Econ.) Part II: *Foreign Policy*

Analysis, XII 6 (second year); M.Sc.:
*International Politics of an Approved
Region*, X 7; *The Foreign Policies of the
Powers*, X 2 and other graduate students.

Syllabus An analysis of the foreign policies
of a selected group of major States, with
due regard to their respective national
interests, external commitments, traditional
values and other relevant factors. The
role of internal group interests and
electoral considerations. Constitutional
machinery for the formulation of foreign
policy. Diplomatic services and techniques.
Illustrative material will be drawn mainly
from the post-1945 period. The United
States, the United Kingdom, the Soviet
Union, France, China, India and the
German Federal Republic will be con-
sidered in the session 1968-69.

Recommended reading

(a) THE UNITED STATES: J. W. Spanier,
*American Foreign Policy since World
War II*; G. A. Almond, *The American
People and Foreign Policy*; D. S. Cheever
and H. F. Haviland, *American Foreign
Policy and the Separation of Powers*;
C. V. Crabb, *American Foreign Policy in
the Nuclear Age*; M. D. Donelan, *The
Ideas of American Foreign Policy*; D. Cater,
Power in Washington; C. Bell, *Negotiation
from Strength*; B. Sapin, *The Making of
United States Foreign Policy*; A. M.
Schlesinger, Jr., *The Bitter Heritage*;
A. M. Scott and R. H. Dawson, *Readings
in the Making of American Foreign Policy*.
(b) THE UNITED KINGDOM: Lord Strang,
Britain in World Affairs; Lord Strang,
The Foreign Office; F. S. Northedge, *British
Foreign Policy, 1945-1961*; D. G. Bishop,
*The Administration of British Foreign
Relations*; F. S. Northedge, *The Troubled
Giant*.

(c) THE SOVIET UNION: G. Kennan,
*Russia and the West under Lenin and
Stalin*; I. Lederer (Ed.), *Soviet Foreign
Policy*; R. Pethybridge, *A Key to Soviet
Politics*.

(d) FRANCE: E. M. Carroll, *French Public
Opinion and Foreign Affairs, 1870-1914*; C.
de Gaulle, *Mémoires de Guerre*, three vols.,
L'Appel, L'Unité, Le Salut (also available
in English translation); J. Furniss, *France,
Troubled Ally*; W. W. Kulski, *De Gaulle
and the World*; A. Grosser, *Foreign Policy
Under de Gaulle*.

(e) CHINA: J. Chen, *Mao and the Chinese
Revolution*; S. R. Schramm, *Political
Thought of Mao Tse-Tung*; D. Barnett,
Communist China and Asia; D. Zagoria,
The Sino-Soviet Conflict; A. M. Halpern,
Policies Towards China; C. P. Fitzgerald,
*The Chinese View of their Place in the
World*.

(f) INDIA: A. Appadorai, "The Foreign
Policy of India" in J. E. Black and K. W.
Thompson (Eds.), *Foreign Policies in a
World of Change*; A. Appadorai, "Indian
Diplomacy" in S. D. Kertesz and M. A.
Fitzsimons (Eds.), *Diplomacy in a
Changing World*; J. S. Bains, *India's
International Disputes*; J. V. Bondurant,
*Conquest of Violence: The Gandhian
Philosophy of Conflict*; R. N. Berkes and
M. S. Bedi, *Diplomacy of India*; M.
Brecher, *Nehru, a Political Biography*;
C. A. Fisher, *South-East Asia: A Social,
Economic and Political Geography*;
A. Lamb, *The China-India Border*; K.
Satchidananda Murty, *Indian Foreign
Policy*; J. Nehru, *An Autobiography*;
J. Nehru, *The Discovery of India*;
J. Nehru, *Speeches* (various edns., but
especially the single-volume collection,
1947-1961); Lok Sabha Secretariat,
*Foreign Policy of India Texts of Docu-
ments, 1947-1959*; T. G. P. Spear, *India:
A Modern History*.

(g) WEST GERMANY: H. Speier (Ed.),
*West German Leadership and Foreign
Policy*; R. Hiscocks, *Democracy in
Western Germany*; A. Grosser, *Western
Germany*; K. Deutsch and L. Edinger,
Germany Rejoins the Powers; G. Freund,
Germany between Two Worlds; H. Plessner,
Die verspätete Nation.

**513(a) Foreign Policy Analysis
(Class)**

Mr Donelan, Dr Bell and Mr G. H.
Stern. Lent and Summer Terms,
beginning in the sixth week of the
Lent Term.

514 New States in World Politics

Dr Lyon. Five lectures, Michaelmas
Term.

For B.Sc. (Econ.) Part II: *International
Politics*, XII 5; XIV 3b (second year);

M.Sc.: *International Politics*, X 1; *The
Foreign Policies of the Powers*, X 2;
*International Politics of an Approved
Region*, X 7 and other graduate students.

Syllabus The central theme of the course
will be the part played by new states in
international order. Modern international
history presents three main waves of new
state making and these have each been
consequent upon the collapse of imperial
orders: (1) in Latin America in the early
nineteenth century; (2) in Eastern Europe
at the end of the First World War and in
its aftermath; (3) in Asia and Africa, and
elsewhere, since 1945. This course will
mostly be concerned with the third of
these phases, but it will begin by looking
briefly at the two earlier phases to provide
a historical perspective and some bases
for comparison.

Recommended reading C. E. Black, *The
Dynamics of Modernization, A Study in
Comparative History*; P. Calvocoressi,
New States and World Order; K. W.
Deutsch and W. S. Foltz (Eds.), *Nation-
Building*; S. E. Finer, *The Man on
Horseback*; S. Huntington, "Political
Development and Political Decay"
(*World Politics*, April 1965); P. H. Lyon,
Neutralism; F. R. von der Merden,
Politics of Developing Nations; J. D. B.
Miller, *The Politics of the Third World*;
W. C. McWilliams, *Garrisons and
Government, Politics and the Military in
New States*; D. Rustow, *A World of
Nations*; D. Apter, *The Politics of
Modernization*; G. H. Jansen, *Afro-Asia
and Non-Alignment*; E. Kedourie,
Nationalism.

**515 The International Relations of
Southern Asia**

Dr Lyon. Ten lectures, Michaelmas
Term.

For M.Sc.: *International Politics of
Southern Asia*, X 7; *The Foreign Policies
of the Powers*, X 2 and other graduate
students.

Syllabus South and South-East Asia as a
region or regions. The transition from
colonial to independent status. The inter-
play of domestic and international politics.
Communism, colonialism and com-
munistism, nationalism, irredentism. Civil-

military relations. Problems of development and warfare. The influence of outside powers. The role of international organizations such as SEATO, ECAFE, the Colombo Plan. Selected political, economic and legal problems.

Recommended reading R. H. Fifield, *The Diplomacy of South-East Asia, 1945-1958*; B. Gordon, *The Dimensions of Conflict in South-East Asia*; G. A. Modelski (Ed.), *SEATO, Six Studies*; R.I.I.A., *Collective Defence in South-East Asia*; G. M. Kahin (Ed.), *Government and Politics of South-East Asia*; G. M. Kahin (Ed.), *Major Governments of Asia*; S. Rose (Ed.), *Politics in Southern Asia*; J. F. Cady, *Southeast Asia: its Historical Development*; C. A. Fisher, *South-East Asia: a Social, Economic and Political Geography*; D. E. Kennedy, *The Security of Southern Asia*; A. Buchan (Ed.), *China and the Peace of Asia*; M. Brecher, *The New States of Asia*; A. Lamb, *Asia's Frontiers*.

516 The Great Powers and the Middle East

Mr Hunter. Five lectures, Summer Term.

For undergraduate and graduate students interested.

Syllabus A survey and analysis of the contemporary significance of the Middle East within a context of great power relations. Concentration upon basic Soviet-American interests and relations in the area (including the Mediterranean), and exploration of the impact of France, Britain and China upon the central pattern of great power involvement.

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

517 International Institutions

Professor Goodwin. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year); M.Sc.: *International Politics*, X 1; *International Institutions*, X 3 and other graduate students.

Syllabus The place of international

institutions, both quasi-universal (e.g. the League of Nations and the United Nations) and regional, in the international political system and in the foreign policies of their members. The growth and forms of international institutional co-operation: association, co-ordination and integration. Collective security and the balance of power. The development of international "peace-keeping" forces. Factors making for cohesion and disintegration in regional diplomatic systems and in military alliances. The role of international economic institutions in international trade and economic development. The policy-making role of international secretariats.

Recommended reading J. Larus (Ed.), *From Collective Security to Preventive Diplomacy*; I. L. Claude, *Swords into Plowshares*; F. H. Hinsley, *Power and the Pursuit of Peace*; W. Schiffer, *The Legal Community of Mankind*; I. L. Claude, *Power and International Relations*; F. P. Walters, *A History of the League of Nations*; A. E. Zimmern, *The League of Nations and the Rule of Law, 1918-1935* (2nd edn., 1939); A. J. Mayer, *The New Diplomacy*; S. D. Kertesz and M. A. Fitzsimons (Eds.), *Diplomacy in a Changing World*; F. C. Iklé, *How Nations Negotiate*; H. Nicolson, *Evolution of Diplomatic Method*; R. Emerson, *From Empire to Nation*; A. Wolfers, *Discord and Collaboration*; G. L. Goodwin, *Britain and the United Nations*; H. G. Nicholas, *The United Nations as a Political Institution*; L. M. Goodrich and E. Hambro, *Charter of the United Nations: Commentary and Documents* (2nd edn., 1949); R. Higgins, *The Development of International Law through the Political Organs of the United Nations*; R. N. Gardner, *Sterling-Dollar Diplomacy*; A. Shonfield, *The Attack on World Poverty*; H. A. G. Van Meerhaeghe, *International Economic Institutions*; R. E. Osgood, *NATO, The Entangling Alliance*; M. Beloff, *Europe and the Europeans*; P.E.P., *European Organisations*; E. B. Haas, *The Uniting of Europe*; U. W. Kitzinger, *The Challenge of the Common Market*; M. Camps, *Britain and the European Community*; L. N. Lindberg, *The Political Dynamics of European Economic Integration*; and the relevant constitutional documents.

517(a) International Institutions (Class)

Professor Goodwin, Miss Strange, Mr James, Mr Taylor and Mr Hunter. Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year).

518 Theories of International Institutional Co-operation

Mr Taylor. Ten lectures, Lent and Summer Terms.

For M.Sc.: *International Institutions*, X 3; *European Institutions*, X 4 and other undergraduate and graduate students interested.

Syllabus An examination of the major theories about the origins, shape and purpose of international institutions in international society. Theories linking the tasks of international institutions with the problems of world order: international integration, sovereignty and community building; multi-lateral diplomacy, peaceful change and the compatibility of state interests.

Recommended reading As for Course 517 and A. Etzioni, *Political Unification: A Comparative Study of Leaders and Forces*; E. B. Haas, *Beyond the Nation State*; J. P. Sewell, *Functionalism and World Politics*.

519 The Politics of Western European Integration

Mr Taylor. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year); M.Sc.: *European Institutions*, X 4 and other graduate students interested.

Syllabus The emergence of the European Community: 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 supra-nationality. The Federalist, the Confederalist and the Functionalist approaches to the integration of the Six. European security and European integration.

Recommended reading M. Beloff, *Europe and the Europeans*; *Europe Unites*; *The Story of the Campaign for European Unity*; C. Grove Haines (Ed.), *European Integration*; Political and Economic Planning, *European Unity*; M. Camps, *Britain and the European Economic Community*; M. Camps, *European Unification in the Sixties: From the Veto to the Crisis*; J. Deniau, *The Common Market*; L. N. Lindberg, *The Political Dynamics of European Economic Integration*; U. W. Kitzinger, *The Challenge of the Common Market*; W. Pickles, *Not With Europe; How Much Has Changed?*; S. Holt, *The Common Market*; A. Spinelli, *The Eurocrats*.

520 International Communism

Mr G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For B.Sc. (Econ.) Part II: *International Institutions*, VIII 3c; XII 7; XIV 8a (third year); M.Sc.: *International Institutions*, X 3 and other graduate students interested.

Syllabus International implications of the Bolshevik Revolution of 1917. The development of Communist Parties, factions and fronts in Europe, Asia, the Middle East and elsewhere: their inter-relations and their degree of sensitivity to changes in Soviet domestic and foreign policies. The institutional structure of the Comintern, Cominform and Comecon; the effectiveness of these organizations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

Recommended reading F. Borkenau, *World Communism*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the Two World Wars, 1919-1939*; J. C. Clews, *Communist Propaganda Techniques*; A. Dallin and

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others (Eds.), *Diversity in International Communism*; J. Degras (Ed.), *The Communist International 1919-1943: Documents*, Vols. I, II and III; I. Deutscher, *Stalin*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; R. Loewenthal, *World Communism: the Disintegration of a Secular Faith*; R. H. McNeal (Ed.), *International Relations Among Communists*; G. Nollau, *International Communism and World Revolution*; G. H. N. Seton-Watson, *The Pattern of Communist Revolution*; A. D. Warth, *Soviet Russia in World Politics*; D. S. Zagoria, *The Sino-Soviet Conflict*; K. Grzybowski, *The Socialist Commonwealth of Nations*; M. Kaser, *Comecon*; L. Labeledz and G. R. Urban (Eds.), *The Sino-Soviet Conflict*; G. H. Stern, *Fifty Years of Communism*; G. Wint, *Communist China's Crusade*.

Note Courses 521-532 are designed primarily for those taking the options indicated, but they are open to all students taking the special subject International Relations in Part II of the B.Sc. (Econ.) degree as well as to M.Sc. and other graduate students.

521 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *The Politics of International Economic Relations*, XII 8b (third year); M.Sc.: *International Politics*, X 1 and other graduate students interested.

Syllabus An analysis of (i) the sources and organization of national economic power; (ii) the economic factor in the formulation of foreign policy; (iii) the use of economic power as an instrument of foreign policy; (iv) the political aspects of some of the central economic and social problems of contemporary international society.

Recommended reading J. A. Hobson, *Imperialism* (3rd edn.); E. Staley, *War and the Private Investor*; L. Robbins, *The*

Economic Causes of War; K. Polanyi, *Origins of our Time*; H. W. Arndt, *The Economic Lessons of the Nineteen-Thirties*; B. H. Klein, *Germany's Economic Preparations for War*; K. E. Knorr, *The War Potential of Nations*; H. G. Aubrey, *Coexistence: Economic Challenge and Response*; B. Shwadran, *The Middle East, Oil and the Great Powers*; Yuan-Li Wu, *Economic Warfare*; I. M. D. Little and J. M. Clifford, *International Aid*; G. Curzon, *Multilateral Commercial Diplomacy*; M. Goldman, *Soviet Foreign Aid*; H. J. Johnson, *Economic Policies towards Less Developed Countries*.

521(a) The Economic Factor in International Relations (Class)

Mr Donelan and Mr Mayall. Lent Term.

For B.Sc. (Econ.) Part II: *The Politics of International Economic Relations*, XII 8b (third year).

522 War and Military Organization in the West from 1815 to the Present

Mr Bond (King's College).

Twenty-five lectures, Sessional.

For M.Sc.: *Strategic Studies*, X 6 and other graduate students interested.

Syllabus The pre-Napoleonic thinkers: Bourcet, Guibert, Lloyd, Scharnhorst. The interpreters of Napoleonic warfare: Clausewitz, Willisen, Jomini, Hamley. Military thought in the railway age: Moltke, Schlieffen, Foch, Grandmaison. The influence of the American Civil War. Geopolitical and maritime doctrines of war: Mackinder, Haushofer, Mahan, Corbett. Doctrines of armoured and air warfare: Fuller, Liddell Hart, Douhet. Economic and total war.

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

522(a) Strategic Thought from Clausewitz to Douhet (Class)

Professor Martin and Mr Bond (King's College). Michaelmas Term.

For M.Sc.: *Strategic Studies*, X 6 and M.A. War Studies.

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523 Contemporary Strategic Problems

Mr Windsor. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Strategic Studies*, XII 8c (third year); M.Sc.: *Strategic Studies*, X 6 and other graduate students interested.

Syllabus Developments in military technology since 1945 and their impact on strategic thinking. Elements of continuity and elements of change in thinking about the conduct of war. The development of military doctrine in the United States, the Soviet Union and Western Europe. The idea of deterrence. The idea of limited war. The military problems of alliances. Revolutionary and guerilla warfare. The theory of disarmament and arms control negotiations, the historical experience of arms control systems and problems of the working of arms control systems.

Recommended reading A. Buchan, *War in Modern Society*; L. Beaton, *The Struggle for Peace*; B. Brodie, *Strategy in the Missile Age*; E. M. Earle (Ed.), *Makers of Modern Strategy*; M. Howard, "War as an Instrument of Policy" in H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations*; R. Aron, *On War*; B. Liddell Hart, *Strategy: The Indirect Approach; Deterrence or Defence*; H. Kissinger, *Nuclear Weapons and Foreign Policy; The Necessity for Choice; Problems of National Strategy; NATO: The Troubled Partnership*; T. C. Schelling, *Arms and Influence; The Strategy of Conflict*; T. C. Schelling and M. H. Halperin, *Strategy and Arms Control*; M. Halperin, *Limited War in the Nuclear Age*; H. Bull, *The Control of the Arms Race*; L. Beaton, *Must the Bomb Spread?; The Western Alliance and the McNamara Doctrine*; A. Herzog, *The War-Peace Establishment*; K. Von Clausewitz, *War, Politics and Power*; P. Paret and J. W. Shy, *Guerrillas in the 1960s*.

523(a) The Strategic Aspects of International Relations (Class)

Mr Windsor and Mr Hunter. Lent Term.

For B.Sc. (Econ.) Part II: *Strategic Studies*, XII 8c (third year).

524 War and Crisis in International Relations

Dr Bell. Ten lectures, Michaelmas Term.

For M.Sc.: *International Politics*, X 1; *Strategic Studies*, X 6; M.A. War Studies and other undergraduate and graduate students interested.

Syllabus This course will examine the causes and the occasions of war, the nature and management of international crises, diplomacy during hostilities, efforts at the control and prevention of war, and the effects of war on the society of states.

Recommended reading H. Kahn, *On Escalation*; K. Waltz, *Man, the State and War*; Q. Wright, *A Study of War*; J. W. Spanier and J. L. Noguee, *The Politics of Disarmament*; H. S. Dinerstein, *War and the Soviet Union*; S. J. Deitchman, *Limited War and American Defense Policy*; D. Bobrow, *Components of Defence Policy*; H. Kissinger, *The Necessity for Choice*; D. J. Hekhuis, C. C. McClintock and A. L. Burns, *International Stability*; J. U. Nef, *War and Human Progress*; R. Higgins, *Conflicts of Interest*; T. Schelling, *Strategy of Conflict*; R. Aron, *Peace and War Among Nations*; R. Tucker, *The Just War*.

525 The Defence Policy of the Western Alliance

Professor Martin (King's College). Ten lectures, Michaelmas Term.

For M.Sc.: *Strategic Studies*, X 6 and other graduate students interested.

Syllabus The reorganization of the U.S. armed forces after 1945. The Atomic Energy Act, 1946, and the National Security Act, 1947. Inter-service conflicts over rearmament 1947-1950. The United States and the defence of Western Europe from 1949. The Korean War and its impact on U.S. defence policy. "The New Look", 1953, and the consequent controversies over organization and doctrine. The reorientation of policy under McNamara, 1960.

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

526 Strategic Problems of the Pacific and Indian Oceans

Dr T. B. Millar. Five or more lectures, Lent Term.

For M.Sc.: *Strategic Studies*, X 6 and other undergraduate and graduate students interested.

Syllabus Changing national interests and power relations in the Pacific and Indian Oceans during the twentieth century. Role of peripheral and island bases. Effects of Chinese nuclear developments and Japan's economic expansion. Implications of Britain's planned withdrawal. Australia's strategic position.

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

527 Civil-Military Relations

Dr Mendl (King's College). Ten lectures, Michaelmas Term.

For M.Sc.: *Strategic Studies*, X 6 and other graduate students interested.

Syllabus The study of civil-military relations as a political and social problem, constitutional questions arising out of the relationship of the armed forces to the civil power, structure of defence organization and defence expenditure and the national economy.

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

527(a) Civil-Military Relations (Class)

Dr Mendl (King's College). Lent Term.

For M.Sc.: *Strategic Studies*, X 6.

528 Theories of International Behaviour

Mr Banks. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: special subject International Relations particularly for *Theories of International Politics*, XII 8a

(second year); M.Sc.: *Theories of International Politics*, X 5 and for other undergraduate and graduate students interested.

Syllabus Recent trends and developments in the theory of international relations and associated disciplines. Problems of methodology and particularly of the application of scientific method to the study of international politics. Systems analysis as an analytical technique. The distinction between philosophical and empirical theory. General theories, normative and positive. Partial theories and models: applications of general systems theory; decision-making, crisis behaviour, cybernetics, field theory, integrative processes, game and bargaining theory. The contributions of some disciplines of behavioural science to the theory of international society: organization theory, political science, social psychology, political sociology. Conflict research. Empirical research methodologies and findings: techniques of data handling, computer simulation, small-group research, political and crisis gaming, content and factor analysis.

Recommended reading H. Alker, *Mathematics and Politics*; M. H. Banks, "Two Meanings of 'Theory' in International Relations" (*Yearbook of World Affairs*, 1966); P. M. Blau, *Exchange and Power in Social Life*; K. E. Boulding, *Conflict and Defense*; J. W. Burton, *International Relations: A General Theory*; K. W. Deutsch, *International Relations*; E. B. Haas, *Beyond the Nation-State*; K. J. Holsti, *International Politics*; M. A. Kaplan, *System and Process in International Politics*; H. C. Kelman (Ed.), *International Behaviour*; C. A. McClelland, *Theory and the International System*; W. J. M. Mackenzie, *Politics and Social Science*; E. J. Meehan, *Contemporary Political Thought*; *The Theory and Method of Political Analysis*; A. V. S. de Reuck (Ed.), for CIBA, *Conflict in Society*; R. N. Rosecrance, *Action and Reaction in World Politics*; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*; *International Aspects of Civil Strife*; B. M. Russett et al., *World Handbook of Political and Social Indicators*; T. C. Schelling, *The Strategy of Conflict*; A. M. Scott, *The*

International Relations

Functioning of the International Political System; J. D. Singer (Ed.), *Human Behavior and International Politics*; *International Yearbook of Political Behavior Research: Empirical Studies in International Relations*; R. C. Snyder et al. (Eds.), *Foreign Policy Decision-Making*; *The Journal of Conflict Resolution*; *General Systems*; *World Politics*.

529 Theories of International Politics

Dr Lyon. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Theories of International Politics*, XII 8a (third year); M.Sc.: *Theories of International Politics*, X 5 and for other undergraduate and graduate students interested.

Syllabus The principal theories concerning international politics, considered by way of a discussion of the classical writings.

Recommended reading R. Aron, *Peace and War, A Theory of International Relations*; H. Bull, "International Theory: The Case for a Classical Approach" (*World Politics*, April 1966); H. Butterfield and Martin Wight (Eds.), *Diplomatic Investigations*; J. L. Brierly, *The Basis of Obligation in International Law*; E. H. Carr, *The Twenty Years' Crisis*; K. Deutsch, *International Relations*; R. E. Osgood and R. W. Tucker, *Force, Order and Justice*; S. H. Hoffmann, *The State of War*; S. H. Hoffmann (Ed.), *Contemporary Theory in International Relations*; F. Meinecke, *Machiavellism, the Doctrine of Raison d'Etat and Its Place in Modern History*; K. N. Waltz, *Man, The State and War*.

529(a) Theories of International Politics (Class)

Dr Lyon and Mr Taylor. Lent Term.

For B.Sc. (Econ.) Part II: *Theories of International Politics*, XII 8a (third year).

530 Philosophical Aspects of International Affairs

Professor Manning. Five lectures, Michaelmas Term.

For undergraduate and graduate students interested.

Recommended reading J. L. Brierly, *The*

Basis of Obligation in International Law; K. Boulding, *The Image*; E. H. Carr, *The Twenty Years' Crisis*; B. de Jouvenel, *On Power*; W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations*; G. L. Goodwin, *The University Teaching of International Relations*; F. Gross, *Foreign Policy Analysis*; S. H. Hoffman, *Contemporary Theory in International Relations*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; P. Laslett (Ed.), *Philosophy, Politics, and Society* (first edn.); C. A. W. Manning, *The Nature of International Society*; T. Mathisen, *Methodology of the Study of International Relations*; F. Meinecke, *Machiavellism*; J. Plamenatz, *On Alien Rule and Self-Government*; K. Popper, *The Poverty of Historicism*; J. N. Rosenau, *International Relations and Foreign Policy*; K. Waltz, *Man, The State, and War*; R. Sterling, *Ethics in a World of Power*; T. D. Weldon, *The Vocabulary of Politics*; P. Winch, *The Idea of a Social Science*.

531 Psychological Aspects of International Affairs

Professor Northedge. Ten lectures, Lent and Summer Terms, beginning in the sixth week of the Lent Term.

For undergraduate and graduate students interested.

Syllabus An examination of the more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the interested control of public opinion; the emotional functions of nationalism and other collective symbols of international bearing; communal traditions, sentiment and prejudice; national attitudes and character and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-State conflict.

Recommended reading M. and C. W. Sherif, *An Outline of Social Psychology*; I. L. Horowitz, *Radicalism and the Revolt against Reason*; R. Crawshay-Williams, *The Comforts of Unreason*; E. Hoffer, *The*

International Relations

True Believer; G. A. Almond, *The Appeals of Communism*; F. C. Barghoorn, *The Soviet Cultural Offensive*; L. M. Fraser, *Propaganda*; L. M. Fraser, *Germany between Two Wars*; E. Fromm, *The Fear of Freedom*; B. C. Shafer, *Nationalism: Myth and Reality*; H. Kohn, *Prophets and Peoples*; D. Lerner, *Sykeswar*; N. Berdyaev, *The Russian Idea*; W. Röpke, *The German Question*; B. Schaffner, *Fatherland*; R. Niebuhr, *The Irony of American History*; R. Benedict, *Race and Racism*; A. K. Weinberg, *Manifest Destiny*.

532 The Sociology of International Law

Mr James. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Sociology of International Law*, XII 8d (third year) and other interested undergraduate and graduate students.

Syllabus The purpose of this course is to examine the place, in international society, of international law. Among the topics which will be considered are: the question of the legal nature of international law; the basis of obligation in international law; the relation between international politics and international law; the factors affecting the development of international law; the suggested classification of international law into types; the relation to international law of sanctions, and their nature in an ungoverned society; the relevance of the concept of the "rule of law" in international society; the question of an international criminal law; the usefulness of endeavours to codify international law; the place, internationally, of the judicial settlement of disputes; the relation between international law and international order; the function of the international lawyer.

Recommended reading J. L. Brierly, *The Basis of Obligation in International Law and Other Papers*; *The Outlook for International Law*; P. E. Corbett, *Law and Society in the Relations of States*; *Law in Diplomacy*; H. L. A. Hart, *The Concept of Law*; M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law*; H. Lauterpacht, *The Function of Law in the International*

Community; A. Nussbaum, *A Concise History of the Law of Nations* (2nd edn.); C. N. Ronning, *Law and Politics in Inter-American Diplomacy*; G. Schwarzenberger, *The Frontiers of International Law*; *The Inductive Approach to International Law*; O. J. Lissitzyn, *International Law Today and Tomorrow*; J. Stone, *Aggression and World Order*; *Quest for Survival*; C. de Visscher, *Theory and Reality in Public International Law*; Q. Wright, *The Role of International Law in the Elimination of War*; W. Friedmann, *The Changing Structure of International Law*.

532(a) The Sociology of International Law (Class)

Mr James. Lent Term.

For B.Sc. (Econ.) Part II: *Sociology of International Law*, XII 8d (third year).

533 Science in International Relations

Lord Ritchie Calder. Five lectures, Summer Term.

For interested students.

Syllabus The scientific/technological revolution and the revolution of rising expectations: the problems of change. The impact of scientific and technological advances on relations between industrial and developing countries: the sharing of knowledge and skills, the lessons of the past twenty years. The reconciliation of new scientific and social forces with existing political and ideological concepts.

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

534 Current Issues in International Relations (Class)

Professor Northedge and Mr Hunter. Lent and Summer Terms.

For interested students. Admission by permission of Professor Northedge.

A weekly exchange of reflections on the current diplomatic scene and the issues it raises for the academic student of international relations.

International Relations

SEMINARS FOR M.Sc. AND OTHER GRADUATE STUDENTS

535 Research Methods (Seminar)

Professor Goodwin and Professor Northedge. Michaelmas Term.

For all first-year M.Phil., and Ph.D. students in International Relations.

536 International Politics

Professor Northedge and Mr G. H. Stern. Michaelmas Term.

For M.Sc.: *International Politics*, X 1; *The Foreign Policies of the Powers*, X 2; *International Politics of an Approved Region*, X 7 and first-year graduate students.

537 Foreign Policy Analysis

The following four seminars will be held:

(a) Foreign Policy Analysis

Mr Donelan and Dr Bell. Lent Term (first five weeks).

For M.Sc.: *International Politics*, X 1; *The Foreign Policies of the Powers*, X 2.

(b) United States Foreign Policy

Mr Donelan. Lent Term (second five weeks).

For M.Sc.: *The Foreign Policies of the Powers*, X 2, and other graduate students.

(c) British Foreign Policy

Professor Goodwin. Lent Term (second five weeks).

For M.Sc.: *The Foreign Policies of the Powers*, X 2, and other graduate students.

(d) National Attitudes and Foreign Policy

Professor Northedge, Dr Tint and Mr G. H. Stern. Summer Term.

For M.Sc.: *The Foreign Policies of the Powers*, X 2, and other graduate students. Also open to third-year undergraduates.

538 International Institutions

Professor Goodwin and Mr Taylor. Michaelmas Term.

For M.Sc.: *International Politics*, X 1; *International Institutions*, X 3.

539 European Studies (Seminar)

Mr Windsor. Sessional.

For staff and graduate students by invitation.

540 European Institutions

Professor Goodwin and Mr Taylor. Lent and Summer Terms.

For M.Sc.: *European Institutions*, X 4, and other graduate students.

541 The Politics of International Economic Institutions

Miss Strange. Lent Term.

For M.Sc.: *International Institutions*, X 3, and other graduate students.

542 International Communism

Mr G. H. Stern. Fortnightly, Lent Term.

For M.Sc.: *The Foreign Policies of the Powers*, X 2; *International Institutions*, X 3; *International Politics of Europe*, X 7, and other graduate students.

543 Asia and the Pacific in International Relations

Dr Bell and Dr Lyon. Michaelmas and Lent Terms.

For M.Sc.: *The Foreign Policies of the Powers*, X 2; *International Politics of Southern Asia*, X 7, and other graduate students.

544 Foreign Relations of African States

Mr Panter-Brick, Mr Mayall and Mr P. F. Dawson. Lent Term.

For M.Sc. *International Politics of Africa*, X 7; M.A. Area Studies—Africa, and other graduate students.

545 International Politics of the Middle East

Mr Hunter. Summer Term.

For M.Sc.: *International Politics*, X 1, and other graduate students.

International Relations

546 Strategic Studies

Professor Martin, Dr Mendl, Mr Windsor and Mr Hunter. Sessional. For M.Sc.: *Strategic Studies*, X 6, and other graduate students.

547 War and Crisis in International Relations

Dr Bell. Lent Term. For M.Sc.: *Strategic Studies*, X 6; M.A. War Studies and other graduate students.

548 War as a Social Requirement

Mr Windsor. Summer Term. For staff and graduate students.

549 Violent and Non-Violent Forms of Resistance

Mr A. Roberts. Michaelmas and Lent Terms. For M.Sc.: *Strategic Studies*, X 6, and other graduate students.

550 Economic Aspects of International Disputes

Mr Donelan and Mr Mayall. Lent Term. For staff and graduate students by invitation.

551 The Place of International Business Corporations in the International System

Miss Strange. Lent Term. For staff and graduate students by invitation.

552 Theories of International Politics

Dr Lyon and Mr Taylor. Lent Term.

For staff and M.Sc.: *Theories of International Politics*, X 5, and other graduate students.

553 Theories of International Institutional Co-operation

Professor Goodwin and Mr Taylor. Summer Term (in the first half of the term).

For M.Sc.: *International Institutions*, X 3; *European Institutions*, X 4 and other graduate students.

Note The attention of graduate students is drawn to the following related course:

614 Pan-Africanism and the Foreign Relations of African States

Reference should also be made to the following sections and courses:

**Economics (International Economics Courses)
International History**

No. 449: **International Law**

No. 467: **Law of International Institutions**

No. 468: **Law of European Institutions**

Politics and Public Administration

560 British Government: an Introduction to Politics

Professor Greaves, Dr Donoughue and Dr G. W. Jones. Sessional. For B.Sc. (Econ.) Part I.

Syllabus A study of constitutional government in Britain with some reference, by way of comparison and contrast, to the experience and traditions of other countries (not excluding autocracies); to be treated as a study both of institutions and of the concepts associated with them and their interaction with changes in the social order.

The Revolution of 1688; constitutional monarchy, parliamentary supremacy, separation and balance of power, judicial independence, the rule of law, rights and liberties. Cabinet government and other forms of executive government. Representation and legislation; the House of Commons; parties, opinion, special interests and pressure groups; the House of Lords; second chambers. The expansion of administration; the civil service; departments and statutory bodies; armed forces and police; state economic and social action; discretionary power and safeguards. Local government, decentralization, federalism. Extension of constitutional government in the Commonwealth.

Recommended reading Students will be given details of recommended reading shortly before or after the beginning of the course.

560(a) Classes

561 Political Thought

Mr Minogue (day), Professor Oakeshott (evening). Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 1a; III 1; IV 2a; V 1a; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (second year); B.A. Phil. and Econ. (first year).

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

561(a) Classes

562 Three Key Mediaeval Political Thinkers

Dr Morrall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (third year).

Syllabus The thinkers with whom this course will be concerned are St. Augustine, St. Thomas Aquinas and Marsiglio of Padua.

Texts R. H. Barrow (Ed.), *Introduction to St. Augustine's "City of God"*; A. P. d'Entrèves, *Aquinas: Selected Political Writings* (Blackwell's Political Texts); A. Gewirth, *Marsilius of Padua*, Vol. II.

563 Political Thought from Hobbes to Burke

Mr Minogue. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (third year); B.A. Phil. and Econ. (third year).

Syllabus The course is designed to examine some of the main issues arising in Hobbes, Spinoza, Locke, Rousseau, Hume, Bentham and Burke, particularly the problem of individuality and its political significance. The political thought of these philosophers will be related, where relevant, to their ethical and epistemological positions.

Texts T. Hobbes, *Leviathan* (Ed. M. Oakeshott); J. Locke, *Two Treatises of Government* (Ed. P. Laslett); B. Spinoza, *The Political Works* (Ed. W. Wernham); J. Milton, *Areopagitica*; B. de Mandeville, *Fable of the Bees* (Ed. B. Kaye); D. Hume, *Treatise of Human Nature*; Montesquieu, *The Spirit of Laws*; J. J. Rousseau, *The Social Contract*; *Discourse on the Origin*

of Inequality; J. Bentham, *Introduction to the Principles of Morals and Legislation* (Ed. W. Harrison); E. Burke, *Conciliation with the Colonies; Reflections on the Revolution in France*; T. Paine, *Rights of Man*.

564 Liberty, Equality and Humanity in Rousseau and J. S. Mill

Mr Charvet. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 1a; III 1; IV 2; V 1; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (third year); *Contemporary Political Thought*, VIII 8b.

Syllabus An examination of the notions of liberty, equality and humanity in the thought of Rousseau and J. S. Mill, and the role they play in the structure of their ideas.

Texts J. J. Rousseau, *Emile; Discourse on Inequality; Social Contract*; J. S. Mill, *Essay on Liberty; Utilitarianism*.

565 Some Political Thinkers, Mediæval and Modern

Dr Morrall and Mr Minogue. Ten lectures, Lent Term (evening).

For B.Sc. (Econ.) Part II: *Political Thought*, I 1; II 1a; III 1; IV 2a; V 1a; VI 2; VII 2; VIII 4; IX 2; X 1 and 2c; XI 2c; XII 2; XIII 2a; XIV 2; XV 2a; XVI 2a (fourth year).

566 English Constitutional History since 1660

Mrs Bennett. Thirty lectures of one-and-a-half hours, Sessional.

For B.Sc. (Econ.) Part II: *English Constitutional History since 1660*, VI 8a; VII 7 and 8b; VIII 3a (second year).

Syllabus The Restoration: relations between King, Lords and Commons; religious issues. Ministries under Charles II. Impeachment. Ministerial responsibility. Popish Plot, Exclusion Crisis and Royalist reaction. Habeas corpus. Prerogative, the suspending and dispensing powers. The armed forces. James II and the Revolution

of 1688. The Bill of Rights and the Act of Settlement. Toleration. William III, ministers and party. Parliament and finance. The Cabinet in the reign of Anne. Politics in the early eighteenth century. The problem of the succession. The Hanoverians. The King and the Heir Apparent and the Cabinet. Whigs and Tories. Walpole, the premierships and the Commons. The structure of politics. The constitutional position of George III: his aims and motives. Ministerial instability. The executive and the legislature. Wilkes, the press and parliamentary privilege. The American controversy. Fox-North coalition and the election of 1784. Pitt, George III, the premierships and party in the late eighteenth century. Parliamentary reform. England and the French Revolution. Radicalism and repression. Reform agitation after 1815. The 1832 Reform Bill. The electoral system 1832-1867. The reforms of 1867 and 1884. The development of party organization. The monarchy, the premiership and the cabinet in the nineteenth century. Local government. The civil service. Lords and Commons. The rise of the Labour party. The constitutional crisis of 1911. Ireland and Home Rule. Dominion status.

Recommended reading Reading lists will be distributed at the beginning of the course.

567 History of British Politics in the Twentieth Century

Mr Beattie and Mr Barnes. Ten lectures of one-and-a-half hours, Michaelmas Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

Syllabus and recommended reading will be given at the beginning of the course.

568 History of British Politics in the Twentieth Century (continued)

Dr Donoghue. Five lectures of one-and-a-half hours, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

569 The British Parliament

Mr Plowden. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

Syllabus From divine right to welfare state: the changing role of Parliament. Ideas of representation, and the legitimacy of the executive. The rise of modern parties; the positions of M.P.s, Cabinet, Prime Minister, House of Lords. Changing conceptions of Parliamentary control; finance, legislation, administration; problems of ministerial responsibility. The place of Parliament in the age of universal suffrage and the mass media; Parliament and the political culture. Proposals for reform and their limitations.

Recommended reading L. S. Amery, *Thoughts on the Constitution*; W. Bagehot, *The English Constitution*; R. Bassett, *The Essentials of Parliamentary Democracy*; A. H. Birch, *Representative and Responsible Government*; J. P. Mackintosh, *The British Cabinet*; H. S. Morrison, *Government and Parliament*; P. G. Richards, *Honourable Members*; A. H. Hanson and H. V. Wiseman, *Parliament at Work*; R. T. McKenzie, *British Political Parties*; K. C. Wheare, *Government by Committee*; B. R. Crick, *The Reform of Parliament*; Hansard Society, *Parliamentary Reforms 1933-1958: A Survey of Suggested Reforms*; P. A. Bromhead, *The House of Lords and Contemporary Politics, 1911-1957*; B. Kemp, *King and Commons, 1660-1832*; A. H. Dodd, *The Growth of Responsible Government*; N. Gash, *Politics in the Age of Peel*; H. J. Hanham, *Elections and Party Management*; J. Vincent, *The Formation of the Liberal Party*; P. Einzig, *Control of the Purse*; B. Chubb, *Control of Public Expenditure*; G. Reid, *The Politics of Financial Control*; D. Coombes, *The M.P. and the Administration*; N. Johnson, *Parliament and Administration*; H. V. Wiseman, *Parliament and the Executive*.

570 British Government and Bureaucracy

Professor Self and Dr G. W. Jones. Ten lectures of one-and-a-half hours, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year); recommended for B.Sc. (Soc.) Branch III, 7a (third year).

Syllabus The relation between politics and administration in Britain. The central machinery of government and the factors which influence its structure. Patterns of devolution to public corporations and local authorities. The organization and character of the British Civil Service. Decision making in Whitehall and the relation of policy making to execution. Administration, interest groups and public opinion. The place of management and financial control in the public service. The influence of science and technology upon British government. The education of administrators. Comparison with other governmental systems.

Recommended reading W. J. M. Mackenzie and J. W. D. Grove, *Central Administration in Britain*; F. M. G. Willson, *The Organisation of British Central Government, 1914-56* (Ed. D. N. Chester); S. H. Beer, *Treasury Control*; E. E. Bridges, *The Treasury*; W. A. Robson (Ed.), *The Civil Service in Britain and France*; H. E. Dale, *The Personnel and Problems of the Higher Civil Service*; C. H. Sisson, *The Spirit of British Administration and Some European Comparisons*; K. C. Wheare, *Government by Committee*; F. M. G. Willson (Ed.), *Administrators in Action*; P. J. O. Self and H. J. Storing, *The State and the Farmer*; H. H. Eckstein, *Pressure Group Politics*; C. P. Snow, *Science and Government*; N. Walker, *Morale in the Civil Service*; A. Dunsire (Ed.), *The Making of an Administrator*; P. J. O. Self, *Bureaucracy or Management*.

571 British Political Parties and the Electorate.

Mr Pickles and Mr Barnes. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (second year).

Syllabus and recommended reading will be given at the beginning of the course.

572 Politics and Government of the United Kingdom (Second Year) Class
Mr Beattie, Dr Donoughue and Mr Barnes, Michaelmas Term. Mr Barnes, Mr G. F. D. Dawson and Mrs Bennett, Lent Term. Professor Self, Mr. Plowden and Mr Regan, Summer Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6.

573 The Political Sociology of British Government

Dr Miliband. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of the United Kingdom*, VIII 6 (third year). Recommended for students taking M.Sc.: *Political Sociology*, XIV 4; *Theories and Concepts of Political Sociology*, XVIII 3xi; *Political Stability and Change*, XVIII 3xii; *The Study of Political Behaviour*, XVIII 3xiii.

Syllabus An examination of some of the social and economic elements in British society which affect the character and operation of British Government.

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

574 The Growth and Character of Local Government

Professor Self, Professor Griffith, Dr G. W. Jones and Mr Regan. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Local Government of England and Wales*, VIII 3g (second year); Overseas Service Officers; Dip. Development Admin.; M.Sc.: *Administration in Regional and Urban Planning*, XIII 2. Recommended for B.Sc. (Soc.) Branch III, 7a (third year) and graduate students.

Syllabus MICHAELMAS TERM. Principles and practice of the system of local government in England and Wales, including historical development of local government; local government organization; politics in local government; local

finance; functions and areas; local government and the community. The administration of education, police and other local services.

LENT TERM. The pattern of central-local relations. Local government and politics in big cities. Regional government.

Recommended reading MICHAELMAS TERM. J. Redlich and F. W. Hirst, *History of Local Government in England* (Ed. B. Keith-Lucas); C. H. Wilson (Ed.), *Essays on Local Government*; W. I. Jennings, *Principles of Local Government Law*; E. D. Simon, *A City Council from Within*; J. H. Warren, *Municipal Administration*; J. M. Drummond, *The Finance of Local Government: England and Wales*; West Midland Group, *Local Government and Central Control*; D. N. Chester, *Central and Local Government: Financial and Administrative Relations*; W. A. Robson, *Development of Local Government*; T. E. Headrick, *The Town Clerk in English Local Government*; K. B. Smellie, *A History of Local Government*; M. I. Cole, *Servant of the County*; L. J. Sharpe, *A Metropolis Votes* (Greater London Paper, No. 8).

LENT TERM. S. A. Greer, *The Emerging City: Myth and Reality*; Report of Royal Commission on Local Government in London; V. Jones, *Metropolitan Government*; L. P. Green, *Provincial Metropolis*; J. A. G. Griffith, *Central Departments and Local Authorities*; J. G. Bulpitt, *Party Politics in Local Government*; W. A. Robson, *Local Government in Crisis*.

574(a) Class

Dr G. W. Jones and Mr Regan. Lent and Summer Terms in connection with Course No. 574.

For B.Sc. (Econ.) Part II: *Local Government of England and Wales*, VIII 3g (second year).

575 Aspects of Comparative Local Government

Dr G. W. Jones. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Local Government of England and Wales*, VIII 3g (second year); Overseas Service Officers; Dip. Development Admin.;

M.Sc.: *Theory and Practice of Public Administration*, XIV 5. Optional for M.Sc.: *Administration in Regional and Urban Planning*, XIII 2. Recommended for other graduate students.

Syllabus A study of the local government systems of a number of countries both developed and underdeveloped. The organization, functions and areas of local authorities: their councils, internal arrangements, executives and administration. Politics, central-local relations, finance and the reform of local government. Planning: metropolitan and big-city government. The first four lectures will deal with the systems of local government in the U.S.A. and France.

Recommended reading S. Humes and E. M. Martin, *The Structure of Local Governments Throughout the World*; International Union of Local Authorities, *Local Government in the Twentieth Century*; A. H. Marshall, *Local Government in the Modern World*; H. F. Alderfer, *Local Government in Developing Countries*; M. J. Campbell, T. G. Brierly and L. F. Blitz, *The Structure of Local Government in West Africa*; Committee on the Management of Local Government, Vol. IV, *Local Government Administration Abroad*; G. S. Blair, *American Local Government*; B. Chapman, *Introduction to French Local Government*; The Royal Institute of Public Administration, *New Sources of Local Revenue*; W. A. Robson (Ed.), *Great Cities of the World*; G. M. Harris, *Comparative Local Government*. Other books and articles will be recommended at the beginning of the course.

575(a) Comparative Local Government

Dr G. W. Jones. Ten classes, Lent Term.

For M.Sc.: *Administration in Regional and Urban Planning*, XIII 2; *Theory and Practice of Public Administration*, XIV 5.

576 Introduction to Political Institutions: U.S.A.

Dr Letwin. Five lectures of one-and-a-half hours, Michaelmas Term, beginning in the fifth week.

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (second year). **Syllabus and recommended reading** will be given at the beginning of the course.

577 Introduction to Political Institutions: France

Mr Pickles. Five lectures of one-and-a-half hours, Summer Term, for the first five weeks of term.

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (second year).

578 Introduction to Political Institutions: U.S.S.R.

Mr Reddaway. Five lectures, Lent Term, for the first five weeks of term.

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (second year).

Syllabus and recommended reading will be given at the beginning of the course.

579 Comparative Political Institutions (Second Year)

Mr G. F. D. Dawson, Dr Letwin, Mr Pickles and Mr Wolf-Phillips. Fifteen lectures of one-and-a-half hours, Lent and Summer Terms, beginning in the sixth week of the Lent Term.

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (second year).

Syllabus and recommended reading will be given at the beginning of the course.

579(a) Comparative Political Institutions (Second Year) Classes

Mr G. F. D. Dawson, Mr Pickles and Mr Wolf-Phillips. Summer Term.

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (second year).

579(b) Comparative Political Institutions (Third Year) Classes

Professor Schapiro, Mr G. F. D. Dawson and Mr Wolf-Phillips. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Comparative Political Institutions*, VIII 7 (third year).

580 Politics and Government of New and Emergent States (Second Year) Class

Mr Panter-Brick. Summer Term.

For B.Sc. (Econ.) Part II: *The Politics and Government of New and Emergent States in former British and French Africa*, VIII 8c.

581 Politics and Government of France

Mr Pickles. This course will not be given in the session 1968-69.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and recommended reading will be given at the beginning of the course.

582 Politics and Government of the U.S.A.

Dr Letwin. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and recommended reading will be given at the beginning of the course.

582(a) Class

Dr Letwin. Fortnightly, Michaelmas Term, in connection with Course No. 582.

For *third-year* students.

583 Politics and Government of Russia

Professor Schapiro and Mr Reddaway. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and recommended reading will be given at the beginning of the course.

583(a) Class

Mrs de Kadt. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 583.

For *second-year* students.

583(b) Class

Professor Schapiro and Mr Reddaway. Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 583.

For *third-year* students.

584 Politics and Government of Scandinavia (Denmark, Norway and Sweden)

Mr G. F. D. Dawson. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *The Politics and Government of a Foreign Country*, VIII 8c (second year).

Syllabus and recommended reading will be given at the beginning of the course.

584(a) Class

Mr G. F. D. Dawson. Fortnightly, Summer Term, in connection with Course No. 584.

For *second-year* students.

584(b) Class

Mr G. F. D. Dawson. Fortnightly, Michaelmas Term, in connection with Course No. 584.

For *third-year* students.

585 Political Thought (Texts)

Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Political Thought (Set Texts)*, VII 7 and 8h; VIII 5; *Moral and Political Philosophy*,

XVI 4a (third year); B.A. Phil. and Econ. (third year).

Plato: Dr Morrall.

Aristotle: Dr Morrall.

Marsilius: Dr Morrall.

Machiavelli: Dr Orr.

Hobbes: Mr Minogue.

Locke: Mr Cranston.

Rousseau: Mr Charvet.

Mill: Mr Thorp.

586 Political Philosophy

Mr Cranston and Dr Orr. Sixteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Political Philosophy*, VIII 8a; *Moral and Political Philosophy*, XVI 4a (second year); B.A. Phil. and Econ. (second year).

Syllabus Philosophy: its nature and methods and its place in the study of politics. The origins and grounds of moral judgments. Authority and power.

Compulsion, persuasion and consent.

Responsibility and punishment. Political obligation. Organic and individualistic theories of political society. Concepts of nature and of reason. Natural law and natural rights. The definition of freedom.

Social change and the problem of determinism. Positive and normative laws in political science. Property and distributive justice. The idea of equality.

The nature of ideology. Theoretical foundations of democratic and non-democratic political orders.

Recommended reading C. G. Field, *Political Theory*; J. L. Lucas, *The Principles of Politics*; S. Benn and R. S. Peters, *Social Principles and the Democratic State*; J. D. Mabbott, *The State and the Citizen*; B. de Jouvenel, *The Pure Theory of Politics*; H. L. Hart, *The Concept of Law*; T. D. Weldon, *The Vocabulary of Politics*; M. Oakeshott, *Rationalism in Politics*; S. Wolin, *Politics and Vision*; M. Cranston, *Freedom*; E. F. Carr, *Morals and Politics*; P. Laslett (Ed.), *Philosophy, Politics and Society* (I and II); S. Toulmin, *The Place of Reason in Ethics*; K. R. Popper, *Conjectures and Refutations*; D. D. Raphael, *Moral Judgement*; A. P. d'Entrèves, *The Notion of the State*.

586(a) Class

Mr Cranston and Dr Orr.

Fortnightly, Lent and Summer Terms, in connection with Course No. 586.

For *second-year* students.

586(b) Class

Mr Cranston and Dr Orr.

Fortnightly, Michaelmas and Lent Terms, in connection with Course No. 586.

For *third-year* students.

587 Contemporary Political Thought

Professor Greaves. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Contemporary Political Thought*, VIII 8b (second year).

Syllabus The European political thinking that has followed upon the rise of popular politics and the growth of industrial society. The part played in this thinking by increased knowledge of the natural world and its technological applications, and by the belief in the existence of laws of history. It thus covers the period from the French and the industrial revolutions to the present day.

Recommended reading TEXTS: J. Bentham, *Introduction to the Principles of Morals and Legislation*; G. W. F. Hegel, *The Philosophy of Right* (Trans. T. M. Knox); S. T. Coleridge, *Second Lay Sermon*; St. Simon, *Selected Writings* (Blackwell); K. Marx, *The Communist Manifesto* (Introduction by H. J. Laski); K. Marx, *Criticism of Political Economy*; J. S. Mill, *On Liberty*; J. S. Mill, *Representative Government*; T. H. Green, *Lectures on the Principles of Political Obligation*; C. Sorel, *Reflections on Violence*; V. I. Lenin, *What is to be Done?*; V. I. Lenin, *The State and Revolution*.

GENERAL READING OR FOR REFERENCE: J. H. Randall, *The Making of the Modern Mind*; J. Schumpeter, *Capitalism, Socialism and Democracy*; J. S. Mill, *Bentham and Coleridge*; J. S. Mill, *Utilitarianism*; H. Michel, *L'Idée de l'Etat*; J. Talmon,

Politics and Public Administration

Political Messianism; R. H. Tawney, *The Acquisitive Society*; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in the Nineteenth Century*; R. H. Soltau, *French Political Thought in the Nineteenth Century*; G. de Ruggiero, *The History of European Liberalism*; B. Croce, *History as the Story of Liberty*; W. Bagehot, *Physics and Politics*; M. Arnold, *Culture and Anarchy*; R. Williams, *Culture and Society 1750-1950*; E. Wilson, *To the Finland Station*; L. T. Hobhouse, *Elements of Social Justice*; G. Wallas, *Human Nature in Politics*; Fabian Essays (Introduction by Asa Briggs); E. Kedourie, *Nationalism*; H. R. G. Greaves, *Foundations of Political Theory*; H. J. Laski, *Grammar of Politics* (chap. 7).

587(a) Class

Professor Greaves, Dr Miliband and Mr Thorp. Fortnightly, Lent and Summer Terms, in connection with Course No. 587.

For *second-year* students.

587(b) Class

Professor Greaves, Dr Miliband and Mr Thorp. Fortnightly, Michaelmas Term, in connection with Course No. 587.

For *third-year* students.

GRADUATE COURSES

598 History of Political Thought (Seminar)

Professor Oakeshott, Mr Cranston, Mr Minogue, Dr Orr and Mr Charvet. Sessional.

For M.Sc.: *History of Political Thought*, XIV 1.

599 Politics and Government of the United Kingdom (Seminar)

Mr Thorp, Mr Beattie, Dr Donoghue, Mr Barnes and Mr Plowden. Sessional.

For M.Sc.: *Politics and Government of the U.K.*, XIV 2.

600 Comparative Government (Seminar)

Professor Schapiro, Mr Pickles and Mr Wolf-Phillips. Sessional.

For M.Sc.: *Comparative Government*, XIV 3.

601 Marxism

Dr Miliband. Ten lectures, Michaelmas Term.

Recommended for M.Sc.: *Political Sociology*, XIV 4; *Theories and Concepts of Political Sociology* XVIII 3xi; *Political Stability and Change* XVIII 3xii; B.Sc. (Econ.) Part II: *Contemporary Political Thought*, VIII 8b (second or third year).

Syllabus An examination of Marx's thought and of some revisions and adaptations of Marxism, notably German Revisionism and Leninism.

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

602 Marxism after Lenin (Seminar)

Mr Madian. Lent Term.

For M.Sc.: *Political Sociology*, XIV 4. Recommended for M.Sc.: *Theories and Concepts of Political Sociology*, XVIII 3xi; *Political Stability and Change*, XVIII 3xii. Others who are interested may attend.

603 Political Stability and Change

Mr Madian and Mr Stewart. Ten lectures, Michaelmas and Lent Terms.

For M.Sc.: *Theories and Concepts of Political Sociology*, XIV 4; XVIII 3xi; *Political Stability and Change*, XIV 4; XVIII 3xii and other graduate students.

Syllabus Current sociological and political theories will be examined in so far as they contribute to a theory of social and political change.

Recommended reading W. Kornhauser, *The Politics of Mass Society*; K. W. Deutsch, *Nationalism and Social*

Politics and Public Administration

Communication; K. Mannheim, *Ideology and Utopia*; R. Dahrendorf, *Class and Class Conflict in Industrial Society*; G. Lichtheim, *Marxism*; M. Weber, *The Theory of Social and Economic Organization*; H. Marcuse, *Reason and Revolution*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*; G. Simmel, *Conflict*; Barrington Moore, Jr., *Social Origins of Dictatorship and Democracy*; David Apter, *The Politics of Modernisation*; F. Neumann, *Behemoth*; F. Schurmann, *Ideology and Organisation in Communist China*; C. Johnson, *Peasant Nationalism and Communist Power*; E. H. Carr, *The Bolshevik Revolution* (Vols. 1-3); T. Parsons, *The Social System*.

604 Theories and Concepts of Political Sociology (Seminar)

Dr Miliband. Michaelmas Term.

For M.Sc.: *Theories and Concepts of Political Sociology*, XIV 4; XVIII 3xi; *Political Stability and Change*, XIV 4; XVIII 3xii.

605 The Sociology of Twentieth-Century Political Movements (Seminar)

Mr Madian and Mr Stewart. Twenty meetings, Sessional.

For M.Sc.: *Theories and Concepts of Political Sociology*, XIV 4; XVIII 3xi; *Political Stability and Change*, XIV 4, XVIII 3xii.

(Students should also attend Course No. 603.)

606 The State and Society

Dr Miliband. Ten lectures, Michaelmas Term.

For M.Sc.: *Theories and Concepts of Political Sociology*, XIV 4; XVIII 3xi; *Political Stability and Change*, XIV 4; XVIII 3xii; and other graduate students. Open to undergraduates and recommended for B.Sc. (Econ.) Part II: special subject Government (third year).

Syllabus An examination of the nature and role of the state in contemporary society and of the main factors which influence its operation.

Recommended reading will be provided at the beginning of the course.

607 The Aims and Methods of Governmental Planning.

Professor Self. Eight lectures, Michaelmas Term.

For M.Sc.: *Theory and Practice of Public Administration*, XIV 5; *Administration in Regional and Urban Planning*, XIII 2 and other graduate students; Dip. Development Admin. Optional for B.Sc. (Econ.) Part II: special subject Government (second year); Dip. Soc. Admin. (second year); Dip. Soc. Admin., including Overseas Option (one-year).

Syllabus The modern scope of state activity. Theories of democratic planning and of the relations between the economic process and the political process. Types and levels of governmental planning. The location and functioning of planning units, and the organization of planning machinery. The relationship of plans to administrative action and co-ordination. The contribution of social sciences to planning. Methods of planning and the implementation of plans.

Recommended reading will be announced weekly.

607(a) The Machinery of Governmental Planning (Seminar)

Professor Self and Dr G. W. Jones. Michaelmas Term, in conjunction with Course No. 607.

For Dip. Development Admin.; M.Sc.: *Theory and Practice of Public Administration*, XIV 5; *Administration in Regional and Urban Planning*, XIII 2.

Syllabus The seminar will discuss the organization of governmental planning in a number of countries developed and developing.

608 An Introduction to Administrative Theories

Professor Self and Mr Regan. Ten lectures, Michaelmas Term.

For M.Sc.: *Theory and Practice of Public Administration*, XIV 5; B.Sc. (Soc.)

Politics and Public Administration

Branch III 7a (third year), and other graduate and undergraduate students interested.

Syllabus An introduction to the theoretical approach to public administration, including concepts of scientific management, organization theories and administrative sociology. Administrative issues considered in the light of theories.

Recommended reading P. Meyer, *Administrative Organisation*; L. Gulick and L. Urwick, *Papers on the Science of Administration*; H. A. Simon, *Administrative Behaviour* (2nd edn.); Rosemary G. Stewart, *The Reality of Management*; G. C. Milward (Ed.), *Large-Scale Organisations*; Mason Haire (Ed.), *Modern Organisation Theory*; J. G. March and H. A. Simon, *Organisations*; K. Boulding, *The Organisational Revolution*; H. A. Simon, D. W. Smithburg and V. A. Thomson, *Public Administration*; D. Waldo, *The Administrative State*; R. Likert, *New Patterns of Management*; G. Vickers, *The Art of Judgement*; *Towards a Sociology of Management*. Further reading will be given during the course.

609 Urban and Regional Planning: Policies and Administration

Professor Self, Dr G. W. Jones, Mr Regan and Mr Levin. Twenty-six lectures or seminars, Sessional.

For M.Sc.: *Administration in Regional and Urban Planning*, XIII 2; *Housing and Town Planning*, XV 2(iv).

Syllabus (a) The history and development of urban and regional planning. The evolution of public policies, legislation and government organization.

(b) The present system of planning administration, including plan making and implementation, and central-local relations.

(c) The politics of urbanization and of the planning process.

(d) The relation of planning to housing and to social policies. The uses of planning research. The planning profession.

(e) Theories of the purposes and character of urban and regional planning. Methods of regional planning.

Comparisons between British and other systems.

Recommended reading (a) W. Ashworth, *The Genesis of Modern British Town Planning*; L. Mumford, *The City in History*; P. Self, *Cities in Flood*; *The Problems of Urban Growth*; D. Foley, *Controlling London's Growth*; Acton Society Trust, *Regionalism*; J. Friedman and W. Alonso, *Regional Development and Planning*; T. Wilson, *Papers on Regional Development*; F. J. Osborn and A. Whittick, *New Towns: The Answer to Megalopolis*; Jane Jacobs, *The Life and Death of Great American Cities*.

(b) Desmond Heap, *An Outline of Planning Law*; J. B. Cullingworth, *Town and Country Planning in England and Wales*; R. Walker, *The Planning Process in Urban Government*; Greater London Papers on Town Planning, Housing etc.

(c) W. A. Robson, *Great Cities of the World*; E. Banfield and M. Meyerson, *Politics, Planning and the Public Interest*; S. Greer, *The Emerging City*.

(d) P. Wilmott and M. Young, *Family and Kinship in East London*; *Family and Class in a London Suburb*; C. Abrams, *Housing in the Modern World*.

(e) P. Hauser and L. Schnore, *The Study of Urbanization*; M. M. Webber *et al.*, *Explorations into Urban Structure*; D. Senior (Ed.), *The Regional City*; P. Hall, *London, 2000*; M. Ash, *The Human Cloud*.

Use will also be made of *Urban Studies*, *Public Administration*, and official reports.

610 Public Enterprise

Professor Robson. Eight lectures, Michaelmas Term.

For M.Sc.: *Theory and Practice of Public Administration*, XIV 5; Dip. Development Admin. Also for B.Sc. (Econ.) Part II: *The Politics and Government of the U.K.*, VIII 6 (third year).

Syllabus The distinctive features of public enterprise. Ideological and material influences determining the extent and scope of public enterprise in different countries. The principal spheres of public undertakings. The motives of State intervention. The role of public enterprise in a mixed economy.

Politics and Public Administration

The principal types of institution used for administering public enterprises. Government departments, local authorities, joint stock companies etc. The public corporation: its constitutional, political, legal, financial and administrative characteristics. The Governing Board. The theory and practice of public corporations. Mixed enterprise. International public enterprise and mixed enterprise.

The organization and management of public undertakings. Types of structure. Control and accountability. Relations with Parliament, ministers, the courts etc. Consumers and consumer councils. Labour relations and joint consultation. Competition, conflict and monopoly in the public sector.

The aims and purposes of public enterprise. Rival concepts. The criteria of performance. Favourable and adverse conditions for the operation of public enterprise. Recent developments and new methods.

Recommended reading W. A. Robson, *Nationalized Industry and Public Ownership*; W. A. Robson (Ed.), *Public Enterprise*; W. A. Robson (Ed.), *Problems of Nationalized Industry*; A. H. Hanson (Ed.), *Nationalization*; A. H. Hanson, *Parliament and Public Ownership*; A. H. Hanson, *Public Enterprise and Economic Development*; M. Shanks (Ed.), *The Lessons of Public Enterprise*; M. V. Posner and S. J. Woolf, *Italian Public Enterprise*; J. Jewkes, *Public and Private Enterprise*; A. Chazel and H. Poyet, *L'Economie Mixte*; D. Coombes, *The Member of Parliament and the Administration*; A. Shonfield, *Modern Capitalism*.

611 Problems of Public Enterprise (Seminar)

Professor Robson. Michaelmas Term.

For M.Sc.: *Theory and Practice of Public Administration*, XIV 5. Undergraduates may be admitted by permission.

612 Public Administration (Seminar)

Professor Self, Professor Griffith,

Dr G. W. Jones and Mr Regan. Sessional.

For M.Sc.: *Theory and Practice of Public Administration*, XIV 5.

613(i) The British Civil Service (Seminar)

Professor Self and Mr Regan. Lent Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II: special subject Government (third year); M.Sc.: *Theory and Practice of Public Administration*, XIV 5. The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

613(ii) Local Government (Seminar)

Dr G. W. Jones. Summer Term.

For graduate and other students interested. Recommended for B.Sc. (Econ.) Part II: special subject Government; M.Sc.: *Theory and Practice of Public Administration*, XIV 5. Contributors will include those with experience of local government.

614 Pan-Africanism and the Foreign Relations of African States

Mr Panter-Brick and Mr Mayall. Ten lectures, Michaelmas Term.

For M.Sc.: *International Politics of Africa*, X 7; *Politics and Government of Africa*, XIV 6; M.A. Area Studies—Africa.

Syllabus The various groupings, associations and alignments within the Pan-African movement. Problems of national integration and of state frontiers. The present basis, character and extent of inter-state co-operation. The concepts of non-alignment, neutralism and neo-colonialism. Special relationships with the Commonwealth, Britain, France, the European Economic Community. Problems concerning foreign trade and foreign aid. Policies within the United Nations. Great Power policies towards Africa.

Recommended reading C. Legum, *Pan-Africanism*; D. Austin (Ed.), *Inter-State Relations in Africa*; Doudou Thiam, *The Foreign Policy of African States*; L. Senghor, *On African Socialism*; R. C. Lawson, *International Regional Organisations Part V: Africa*; N. J. Padelford and R. Emerson (Eds.), *Africa and World Order*; V. McKay (Ed.), *African Diplomacy: Studies in the Determinants of Foreign Policy*; A. Quaison-Sackey, *Africa Unbound*; J. S. Nye, *Pan-Africanism and East African Integration*; T. M. Franck, *East African Unity Through Law*; J. Drysdale, *The Somali Dispute*; S. Touval, *Somali Nationalism*; G. Padmore, *Pan-Africanism or Communism*; K. Nkrumah, *Africa Must Unite*; I. Wallerstein, *Africa: the Politics of Unity*; Ali Mazrui, *Towards a Pax Africana*; I. W. Zartman, *International Relations in the New Africa*; P. Okigbo, *Africa and the Common Market*; A. Hazlewood (Ed.), *African Integration and Disintegration*.

Students should also attend Course No. 544 Foreign Relations of African States.

615 Comparative Politics and Administration in New States (with special reference to Africa)

Mr Panter-Brick. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *The Politics and Government of Africa*, XIV 6; *International Politics of an Approved Region*, X 7; *Political Sociology*, XIV 4; *Political Stability and Change*, XVIII 3xii; Dip. Development Admin.; M.A. Area Studies—Africa.

Syllabus The concept of political development and modernization. Description and analysis of political and administrative behaviour in relation to rapid cultural, social and economic change. Relative importance of and interaction between traditional rulers, modern élites, politicians, administrators and the military. Character and functions of nationalist movements, political parties, representative institutions, interest groups and private associations. The authority and functions of central government and relations with local authorities. Critical examination of the concepts of tribalism,

communalism, plural societies, democracy and autocracy in the new states.

Recommended reading L. P. Mair, *New Nations*; R. Emerson, *From Empire to Nation*; A. R. Zolberg, *One-Party Government in the Ivory Coast*; A. R. Zolberg, *Creating Political Order*; J. S. Coleman and C. G. Rosberg (Eds.), *Political Parties and National Integration in Tropical Africa*; W. J. Hanna (Ed.), *Independent Black Africa*; E. Shils, *Political Development in the New States*; Van Den Berghe, *Africa: Social Problems of Change and Conflict*; J. La Palombara, *Bureaucracy and Political Development*; T. Hodgkin, *Nationalism in Colonial Africa*; T. Hodgkin, *African Political Parties*; C. Geertz (Ed.), *Old Societies and New States*; R. L. Sklar, *Nigerian Political Parties*; D. E. Apter, *The Politics of Modernisation*; D. E. Apter, *Ghana in Transition*; D. Austin, *Politics in Ghana*; A. L. Adu, *The Civil Service in New African States*; S. P. Huntington, "Political Development and Political Decay" (*World Politics*, Jan. 1965); C. S. Whitaker, Jr., "A Dysrhythmic Process of Political Change" (*World Politics*, Jan. 1967); D. A. Rustow, *A World of Nations*; M. Kilson, *Political Change in a West African State: Sierra Leone*; P. C. Lloyd, *Africa in Social Change*; M. Janowitz, *The Military in the Political Development of New Nations*; University of London, Institute of Commonwealth Studies, *The Politics of Demilitarisation*.

616 Comparative Politics and Administration in New States (with special reference to Africa) (Seminar)

Mr Panter-Brick. Lent Term.

For M.Sc.: *Politics and Government of Africa*, XIV 6; M.A. Area Studies—Africa.

Students attending the seminar should also attend Course No. 867(i) Sociology of Development.

617 Politics and Government of Nigeria (Seminar)

Mr Panter-Brick and Mr P. F. Dawson. Summer Term.

For M.Sc.: *International Politics of Africa*,

X 7; *Politics and Government of Africa*, XIV 6.

618 Politics and Government of Scandinavia (Seminar)

Mr G. F. D. Dawson. Fortnightly, Sessional.

For M.Sc.: *Politics and Government of an Approved Country*, XIV 6.

Students may have difficulty without at least some knowledge of one of the Scandinavian languages.

619 Soviet Problems

Professor Schapiro and Mr Reddaway will hold a weekly seminar throughout the session on current political problems and on historical questions in the Soviet and Communist orbit for graduates working under their supervision. Others may attend by invitation only.

620 Russian Political Thought

Mrs de Kadt. Ten lectures, Summer Term.

For graduate students; open to undergraduates.

Syllabus and recommended reading will be given at the beginning of the course.

621 Russian Politics and Political Thought (Seminar)

Professor Schapiro, Mr Reddaway and Mrs de Kadt. Sessional.

For M.Sc.: *Politics and Government of an Approved Country*, XIV 6 and other graduate students.

The seminar will be concerned mainly with the syllabus for M.Sc.: *The Politics and Government of Russia*, but other interested graduate students are welcome.

622 Problems of Contemporary Socialism (Seminar)

Dr Miliband. Lent Term.

For graduate students in Government and Sociology. Other graduate students may be admitted by permission of Dr Miliband.

Syllabus Some problems of socialist theory and practice in Western and Communist societies and in countries of the "Third World".

623 Seminar

Professor Greaves. Michaelmas and Lent Terms, on a subject to be arranged.

For graduate students.

624 Politics and Government of the Middle East

Professor Kedourie, Ten lectures, Lent Term. This course will not be given in the session 1968–69.

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.

Recommended reading C. C. Adams, *Islam and Modernism in Egypt*; Antiochus (pseud.), "Europe and the Middle East" (*The Cambridge Journal*, 1952); G. Antonius, *The Arab Awakening*; T. W. Arnold, *The Caliphate* (2nd edn., 1965); N. Berkes, *The Development of Secularism in Turkey*; M. H. Bernstein, *The Politics of Israel*; E. G. Browne, *The Persian Revolution*; R. H. Davison, *Reform in the Ottoman Empire 1856–1876*; C. N. E. Eliot, *Turkey in Europe*; H. W. G. Glidden, "Arab Unity: Ideal and Reality" in J. Kritzeck and B. Winder (Eds.), *The World of Islam*; S. G. Haim, *Arab Nationalism*; A. Hourani, *Arabic Thought in the Liberal Age, 1798–1939*;

Politics and Public Administration

A. Hertzberg, *The Zionist Idea*; J. C. Hurewitz, *The Struggle for Palestine*; K. Karpat, *Turkey's Politics*; E. Kedourie, *England and the Middle East*; "Reflexions sur le Royaume d'Iraq 1921-1958" (*Orient*, 1959); *Afghani and 'Abduh*; A. K. S. Lambton, *Islamic Society in Persia*; W. Z. Laqueur (Ed.), *The Middle East in Transition*; B. Lewis, *The Emergence of Modern Turkey*; A. H. Lybyer, *The Government of the Ottoman Empire in the time of Suleiman the Magnificent*; R. Montagne, "The Modern State' in Africa and Asia" (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks*; P. Rondot, *Les Institutions Politiques du Liban*; E. I. J. Rosenthal, *Political Thought in Medieval Islam*; Kamal Salibi, *The Modern History of Lebanon*; D. de Santillana, "Law and Society" in *The Legacy of Islam*; G. E. von Grunebaum, *Islam* (2nd edn., 1961); *Modern Islam*; D. Warriner, *Land and Poverty in the Middle East*; J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. 1, chap. 2).

625 Comparative Politics (Seminar)

This course will not be given in the session 1968-69.

626 Political Systems of Latin America

Mr Madian. Five lectures, Lent Term.

For M.Sc.: *Sociology of Development*, XVIII 3viii; M.A. Area Studies and any other students interested. Students should also attend Course No. 872(i) Social Structure and Social Change in Latin America.

627 The Politics of Latin America (Seminar)

Mr Madian. Fifteen seminars, fortnightly, Sessional.

For graduate students by permission of Mr Madian. Students may have difficulty unless they have a reading knowledge of Spanish or Portuguese.

Syllabus Major trends in political development in the twentieth century. The relations between social structure and politics with special emphasis on recent developments in Argentina, Chile, Mexico, Brazil and Cuba.

628 Recent British History and Politics (Seminar)

Dr Donoughue, Mr Watt, Mr Barnes and Mr Beattie. Six seminars, Summer Term.

Graduates may attend on recommendation of supervisors or by permission of the participating staff.

Sociological Studies

- 463 Anthropology
- 469 Demography
- 473 Psychology
- 476 Social Science and Administration
 - Personnel Management
 - Course for Social Workers in Mental Health
 - Applied Social Studies
- 493 Sociology

Anthropology

Note For the lecture courses which are relevant to examination papers see the regulations in Part II of the Calendar.

- 207-8 B.Sc. (Econ.)
- 214-5 B.Sc. (Social Anthropology)
- 227 B.A./B.Sc. (Sociology)

(i) General

640 Introduction to Social Anthropology

Professor Freedman. Twenty-five lectures, Sessional.

For B.Sc. (Soc. Anth.) Part I; B.A./B.Sc. (Soc.), Branches I and II (first year); B.Sc. (Econ.) Part I: alternative subject 9, *Principles and Methods of Social Anthropology*; B.Sc. (Geog.) C 1; Dip. Soc. Anth. (first year); Dip. Soc. Admin., Overseas Option only (one year).

Syllabus An introduction to the basic principles of the study of the simpler societies. General characteristics of societies of simple technology; relation of these to environment and race. Family and kinship; unilineal and non-unilineal descent; political systems with and without differentiated governmental institutions. Law and social control. Economic systems; division of labour, organization of production, gift. Religious and magical beliefs and practices. Social stratification.

Recommended reading L. P. Mair, *An Introduction to Social Anthropology*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; B. Malinowski, *Argonauts of the Western Pacific*; *The Sexual Life of Savages*; *Crime and Custom in Savage Society*; *Magic, Science and Religion*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; R. Firth, *We, The Tikopia*; *Primitive Polynesian Economy*; L. P. Mair, *Primitive Government*; I. Schapera, *Government and Politics in Tribal Societies*; *Native Land Tenure in Bechuanaland Protectorate*; E. A. Hoebel, *The Law of Primitive Man*; P. H. Gulliver, *Social*

Control in an African Society; M. J. Herskovits, *Economic Anthropology*; M. Gluckman, *Politics, Law and Ritual in Tribal Society*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; E. E. Evans-Pritchard, *The Nuer*; *Kinship and Marriage among the Nuer*; W. R. Geddes, *The Land Dayaks of Sarawak*; J. D. Freeman, *Iban Agriculture*; "The Iban of Western Borneo" in G. P. Murdock (Ed.), *Social Structure in Southeast Asia*; R. F. Fortune, *Manus Religion*; R. Fox, *Kinship and Marriage*.

640(a) Classes

In connection with Course No. 640. For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) C 1.

641 Outlines of Ethnography

Dr de Ortiz and other members of the Department. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part I; B.A./B.Sc. (Soc.) Branch II (first year); B.Sc. (Econ.) Part II (second year): special subject Social Anthropology; Dip. Soc. Anth. (first year). Optional for B.Sc. (Econ.) Part I: alternative subject 9, *Principles and Methods of Social Anthropology*.

Syllabus Ethnography and social anthropology. Development of field work methods. Survey of representative field studies. Common characteristics of simple societies. Problems of cultural and regional variation.

Recommended reading J. Beattie, *Other Cultures*, Part I; R. Firth, *We, The Tikopia*; A. Richards, *Land, Labour and Diet*; P. Spencer, *The Samburu*; J. K. Campbell, *Honour, Family and Patronage*; F. Barth, *Political Leadership among Swat Pathans*; B. Malinowski, *Argonauts of the Western Pacific*; D. Maybury-Lewis, *Akwé-Shavante Society*.

641(a) Classes

In connection with Course No. 641. For B.Sc. (Soc. Anth.) Part I.

Anthropology

642 Man, Race and Culture

Mr Forge. Twenty-five lectures, Sessional.

For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) C 2.

Syllabus An outline of human evolution in the context of the study of animal (especially primate) social behaviour. The nature, origin and development of culture. The significance of racial differences. Introduction to human ecology.

Recommended reading S. L. Washburn (Ed.), *The Social Life of Early Man*; N. Tinbergen, *Social Behaviour in Animals*; I. de Vore (Ed.), *Primate Behavior*; G. G. Simpson, *The Meaning of Evolution*; Sol Tax (Ed.), *Horizons of Anthropology*; V. Gordon Childe, *What Happened in History*; D. Morris (Ed.), *Primate Ethology*; D. Morris, *The Naked Ape*; B. Campbell, *Human Evolution*; Sonia Cole, *The Races of Man*; W. E. Le Gros Clark, *History of the Primates*; K. P. Oakley, *Man the Tool-Maker*. Further reading will be given during the course.

642(a) Classes will be arranged in connection with Course No. 642.

For B.Sc. (Soc. Anth.) Part I; B.Sc. (Geog.) C 2

643 Family and Kinship

Dr La Fontaine and Dr Woodburn. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part II; B.A./B.Sc. (Soc.) Branch II (second and third years); B.Sc. (Econ.) Part II (second and third years): special subject Social Anthropology; Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus The analysis of institutions of kinship, marriage and the family.

Recommended reading M. Fortes (Ed.), "Marriage in Tribal Societies" (*Cambridge Papers in Social Anthropology*, No. 3); R. Fox, *Kinship and Marriage*; J. Goody (Ed.), "The Developmental Cycle in Domestic Groups" (*Cambridge Papers in Social Anthropology*, No. 1); R. F. Gray

and P. H. Gulliver (Eds.), *The Family Estate in Africa*; E. R. Leach, *Rethinking Anthropology*; C. Lévi-Strauss, *Les structures élémentaires de la parenté*; *Structural Anthropology*; G. P. Murdock, *Social Structure*; R. Needham, *Structure and Sentiment*; A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*; I. Schapera (Ed.), *Studies in Kinship and Marriage*; R. Fox, *Kinship and Marriage*. Further reading will be given during the course.

643(a) Classes

In connection with Course No. 643.

For B.Sc. (Soc. Anth.) Part II.

644(i) Political Institutions

Professor Schapera. Ten lectures, Michaelmas Term.

For B.Sc. (Soc. Anth.) Part II; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus Political communities; modes of political organization. Social control: persuasive and coercive mechanisms. Governments and their activities. Composition and work of tribal courts. Relations between rulers and subjects.

Recommended reading G. Balandier, *Anthropologie politique*; D. Easton, "Political Anthropology" in B. J. Siegel (Ed.), *Biennial Review of Anthropology*, 1959; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; M. Gluckman, *Politics, Law and Ritual in Tribal Society*; E. A. Hoebel, *The Law of Primitive Man*; W. J. M. Mackenzie, *Politics and Social Science*; L. Mair, *Primitive Government*; J. Middleton and D. Tait (Eds.), *Tribes without Rulers*; I. Schapera, *Government and Politics in Tribal Societies*; M. J. Swartz, V. W. Turner, and A. Tuden (Eds.), *Political Anthropology*; P. Vinogradoff, *Common-sense in Law*.

644(ii) Economic Institutions

Dr de Ortiz. Ten lectures, Lent Term.

Anthropology

For B.Sc. (Soc. Anth.) Part II; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus The aim of these lectures is to give an anthropological analysis of the economic systems of primitive and peasant societies. The reaction of these systems to Western and industrial influences will also be examined. Topics discussed will include: economic relations as part of social relations; economics and ritual; economic structure and political structure; land tenure; trade, exchange and markets; the transition from subsistence to cash economies; systems of saving and credit.

Recommended reading R. Firth, *Economics of the New Zealand Maori*; M. Mauss, *The Gift*; P. Bohannan, "Tiv Exchange and Investment" (*American Anthropologist*, Vol. 57, 1955); C. S. Belshaw, *Traditional Exchange and Modern Markets*; R. F. Salisbury, *From Stone to Steel*; R. Firth, *Malay Fishermen: their Peasant Economy*; R. Firth and B. S. Yamey, *Capital, Saving and Credit in Peasant Societies*; T. S. Epstein, *Economic Development and Social Change in South India*; M. Nash, *Primitive and Peasant Economic Systems*; R. Firth (Ed.), *Themes in Economic Anthropology*.

644(a) Classes

In connection with Courses Nos. 644(i) and 644(ii).

For B.Sc. (Soc. Anth.) Part II.

645 Magic, Religion and Morals

Professor Freedman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part III; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years), Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus Development of the anthropological study of religion, magic and morals. Ritual and symbolism. Sacrifice;

magic; witchcraft; cargo and similar cults; spirit mediumship; totemism; ancestor worship. Religion and the structure of society. Religion and morals.

Recommended reading M. Banton (Ed.), *Anthropological Approaches to the Study of Religion*; T. A. Sebeok, *Myth: A Symposium*; C. Lévi-Strauss, *Totemism; La pensée sauvage* (or English translation); B. Malinowski, *Magic, Science and Religion*; A. R. Radcliffe-Brown, *The Andaman Islanders; Structure and Function in Primitive Society*; F. Steiner, *Taboo*; M. Douglas, *Purity and Danger*; A. van Gennep, *The Rites of Passage*; E. Durkheim, *The Elementary Forms of the Religious Life*; E. E. Evans-Pritchard, *Theories of Primitive Religion*; M. Fortes and G. Dieterlen (Eds.), *African Systems of Thought*; C. D. Forde (Ed.), *African Worlds*; R. Firth, *Essays on Social Organization and Values*; M. Ginsberg, *On the Diversity of Morals*; C. von Fürer-Haimendorf, *Morals and Merit*. Further reading will be suggested during the course.

645(a) Classes

In connection with Course No. 645.

For B.Sc. (Soc. Anth.) Part III.

646(i) Advanced Theory of Social Anthropology: History of Social Anthropology

Dr H. S. Morris. Ten lectures, Michaelmas Term.

For B.Sc. (Soc. Anth.) Part III; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus The nineteenth-century background of the development of "social anthropology". The early posing and rephrasing of problems in kinship, religion, politics, morals, law and economics. The development of methods. The state of the subject on the eve of the second World War.

Recommended reading R. H. Lowie, *The History of Ethnological Theory*;

H. R. Hays, *From Ape to Angel*; T. K. Penniman, *A Hundred Years of Anthropology*; A. R. Radcliffe-Brown, *Method in Social Anthropology* (Ed. M. N. Srinivas); E. E. Evans-Pritchard, *Social Anthropology*; Sol Tax, "From Laitau to Radcliffe-Brown: A Short History of the Study of Social Organization" in F. Eggan (Ed.), *Social Anthropology of North American Tribes* (enlarged edn.); D. G. MacRae, "Darwinism and the Social Sciences" in S. A. Barnett (Ed.), *A Century of Darwin*; F. C. Bartlett *et al.* (Eds.), *The Study of Society*, Part III; J. W. Burrow, *Evolution and Society*.

646(ii) Advanced Theory of Social Anthropology: Selected Topics in Anthropological Theory

Dr La Fontaine. Ten lectures, Lent Term.

For B.Sc. (Soc. Anth.) Part III; B.A./B.Sc. (Soc.), Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus Theories and methods of social anthropology as they have been developed since the second World War.

Recommended reading M. Banton (Ed.), *The Relevance of Models for Social Anthropology*; E. R. Leach, *Rethinking Anthropology*; A. L. Epstein, *The Craft of Social Anthropology*; F. Barth, *Models of Social Organization*; C. Lévi-Strauss, *Structural Anthropology*; R. Firth, *Essays on Social Organization and Values*; C. Lévi-Strauss, *The Scope of Social Anthropology*; M. Gluckman (Ed.), *Closed Systems and Open Minds*; S. F. Nadel, *The Theory of Social Structure*.

646(a) Classes

In connection with Courses Nos. 646(i) and 646(ii).

For B.Sc. (Soc. Anth.) Part III.

647 Advanced Ethnography

Professor Schapera. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part III, 2a; B.A./B.Sc.

(Soc.) Branch II (second and third years); B.Sc. (Econ.) Part II: special subject Social Anthropology (second and third years); Dip. Soc. Anth.; graduate students taking qualifying examinations.

Syllabus A set of monographs dealing with a range of primitive and other non-industrial societies, considered in detail.

Recommended reading will be given during the course.

647(a) Classes

In connection with Course No. 647.

For B.Sc. (Soc. Anth.) Part III, 2a.

648(i) Anthropological Linguistics: Introduction to General Linguistics

Ten lectures, Michaelmas Term.
This course will be taught in the Department of Language Studies. (See Course No. 360.)

648(ii) Anthropological Linguistics: Linguistics and Anthropological Problems

Dr Woodburn and others. Ten lectures, Lent Term.

For B.Sc. (Soc. Anth.) Part III, 2b.

Syllabus A general survey of the ways in which linguistics may contribute to the solution of anthropological problems.

Recommended reading will be given during the course.

648(a) Classes

In connection with Courses Nos. 648(i) and 648(ii).

For B.Sc. (Soc. Anth.) Part III, 2b.

649 Social Anthropology (Classes) Sessional.

For B.A./B.Sc. (Soc.), Branch II; B.A./B.Sc. (Soc.), Branch I, 9 and 10h; B.Sc. (Econ.) Part I: alternative subject *Principles and Methods of Social Anthropology*; B.Sc. (Econ.) Part II: special subject Social Anthropology; Dip. Soc. Anth.

(ii) Regional

650(i) Ethnography of South-East Asia

Dr H. S. Morris. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.), Branch II (second year); B.Sc. (Econ.) Part II (second and third years): special subject Social Anthropology; Dip. Soc. Anth. (Special Area: South-East Asia).

Syllabus The course will deal mainly with the social organization of Malaya and Sarawak with reference also to Indonesia and the Philippines.

Recommended reading PRIMARY: MALAYA: R. Firth, *Malay Fishermen*; Rosemary Firth, *Housekeeping among Malay Peasants*; P. E. de Josselin de Jong, *Minangkabau and Negri Sembilan*; J. M. Gullick, *Indigenous Political Systems of Western Malaya*; J. Djamour, *Malay Kinship and Marriage in Singapore*; *The Muslim Matrimonial Court in Singapore*; P. D. R. Williams-Hunt, *Introduction to the Malayan Aborigines*; A. J. A. Elliott, *Chinese Spirit Medium Cults in Singapore*; M. Freedman, *Chinese Family and Marriage in Singapore*; M. G. Swift, *Malay Peasant Society in Jelebu*. SARAWAK: E. R. Leach, *Social Science Research in Sarawak*; H. S. Morris, *A Melanau Sago Producing Community*; W. R. Geddes, *The Land Dayaks of Sarawak*; J. D. Freeman, *Iban Agriculture: Report on the Iban of Sarawak*; J.-K. T'ien, *The Chinese of Sarawak*.

INDONESIA: B. ter Haar, *Adat Law in Indonesia*; H. Subandrio, *Javanese Peasant Life*; L. H. Palmier, *Power and Status in Java*; C. Geertz, *The Religion of Java*; R. M. Koentjaraningrat, *A Preliminary Description of the Javanese Kinship System*; D. Willmott, *The Chinese of Semarang*; H. Geertz, *The Javanese Family*; A. G. Dewey, *Peasant Marketing in Java*.

BURMA: H. N. C. Stevenson, *The Economics of the Central Chin Tribes*; E. R. Leach, *Political Systems of Highland Burma*.

THAILAND: J. E. De Young, *Village Life in Modern Thailand*; T. M. Fraser, Jr.,

Rusembilan: A Malay Fishing Village in Southern Thailand; H. K. Kaufman, *Bangkhuad, A Community Study of Thailand*.

PHILIPPINES: R. F. Barton, *The Kalingas; Ifugao Law; Philippine Pagans; Ifugao Economics*; F. M. and M. Keesing, *Taming Philippine Headhunters*.

ANDAMANS: A. R. Radcliffe-Brown, *The Andaman Islanders*.

SECONDARY: F.-C. Cole, *The Peoples of Malaysia*; C. Robequain, *Le monde malais* (or English translation); V. W. W. S. Purcell, *Chinese in South-East Asia*; R. O. Winstedt, *The Malays, A Cultural History*; *The Malay Magician*; W. W. Skeat and C. O. Blagden, *Pagan Races of the Malay Peninsula*; T. E. Smith, *Population Growth in Malaya*; E. H. M. Vlekke, *Nusantara*; F. M. Loeb, *Sumatra*; M. Mead and G. Bateson, *Balinese Character*; J. S. Furnivall, *Netherlands India*; W. F. Wertheim, *Indonesian Society in Transition*; C. Du Bois, *The People of Alor*; G. W. Skinner, *Chinese Society in Thailand; Leadership and Power in the Chinese Community of Thailand*; J. Amyot, *The Chinese Community of Manila*; J. Cuisinier, *Sumangat*; G. P. Murdock (Ed.), *Social Structure in Southeast Asia*.

650(ii) Ethnography of East Africa

Dr La Fontaine. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.), Branch II (second year); B.Sc. (Econ.) Part II (second and third years): special subject Social Anthropology; Dip. Soc. Anth. (Special Area: East Africa).

Syllabus The social and political organization of selected East African peoples.

Recommended reading L. A. Fallers, *Bantu Bureaucracy*; P. H. Gulliver, *The Family Herds; Social Control in an African Society*; L. P. Mair, *Primitive Government*; J. Middleton, *Lugbara Religion; The Lugbara of Uganda*; M. M. Wilson, *Good Company; Rituals of Kinship among the Nyakyusa; Communal Rituals of the Nyakyusa*; L. A. Fallers (Ed.), *The King's Men*.

(iii) Applied

651 Social Implications of Technological Change

Mr Forge. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (second and third years): *Social Aspects of Political and Economic Development*, VI 8k; XIII 2b; optional for B.Sc. (Soc.) Branch III, 7b (third year); Special Course for Overseas Administrators; Dip. Soc. Admin., Overseas Option only (one-year); Dip. Soc. Anth. (second year); Dip. Development Admin.

Syllabus Changes in family life, political structure, economic relations and religion under the influence of western technology. Applied anthropology in relation to problems of education, health, family planning and community development.

Recommended reading R. P. Dore, *City Life in Japan* (Section III); F. G. Bailey, *Caste and the Economic Frontier*; I. Schapera, *Christianity and the Tswana*; L. P. Mair, *Studies in Applied Anthropology*; *New Nations*; B. D. Paul and W. B. Miller (Eds.), *Health, Culture and Community*; E. H. Spicer (Ed.), *Human Problems in Technological Change*; G. M. Foster, *Traditional Cultures and the Impact of Technological Change*; P. Marris, *Family and Social Change in an African City*; B. Benedict, "Education Without Opportunity" (*Human Relations*, Vol. XI, No. 4, 1958); T. S. Epstein, *Economic Development and Social Change in South India*; R. Firth and B. S. Yamey (Eds.), *Capital, Saving and Credit in Peasant Societies*; A. L. Epstein, *Politics in an Urban African Community*.

Other reading will be suggested in the course of the lectures.

(iv) Special

652 Peasant Communities in Latin America

Dr de Ortiz. Six lectures, Lent Term.

653 A Programme of Ethnographic Films

Dr Woodburn.

The films will be shown during the session.

FOR GRADUATE STUDENTS

654 Seminar on Anthropological Theory

Professor Freedman, Professor Schapera and other members of the department. Sessional.

For senior graduate students. Admission only by permission of Professor Freedman. This seminar is not open to students taking qualifying examinations.

655 Seminar on Current Anthropological Themes

Mr Forge and Dr H. S. Morris. Michaelmas and Lent Terms.

For first-year graduate students.

656 Seminar on the Analysis of Field Materials

Dr H. S. Morris and Dr de Ortiz. Lent and Summer Terms.

For graduate students recently returned from the field.

657 Regional Seminars

Seminars on the anthropological study of (i) South-East Asia, (ii) Melanesia, (iii) Africa and (iv) China may be arranged.

658 Graduates' Class

For graduate students taking qualifying examinations.

659 Class on Field Methods

Dr La Fontaine and others. Weekly, Michaelmas Term.

Reference should also be made to the following course:

No. 365 **Language and Society (Seminar)**

Demography

680 Introduction to Demography

Mr Carrier. Eighteen lectures and eighteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (second year); Dip. Stats., optional for M.Sc.: *Demography II*, II 2.

Syllabus Sources and reliability of population statistics. Development of censuses and vital statistics. The interpretation of population statistics. The analysis of mortality, nuptiality and fertility.

Recommended reading GENERAL: A. M. Carr-Saunders, *World Population*; F. Lorimer and F. Osborn, *Dynamics of Population*; Royal Commission on Population, *Report* (Cmd. 7695); J. J. Spengler and O. D. Duncan (Eds.), *Population Theory and Policy: Selected Readings*; P.E.P., *World Population and Resources*.

METHODS: R. R. Kuczynski, *Measurement of Population Growth*; D. V. Glass, *Population Policies and Movements in Europe* (Appendix); H. M. Woods and W. T. Russell, *Introduction to Medical Statistics*; L. I. Dublin, A. J. Lotka and M. Spiegelman, *Length of Life*; A. B. Hill, *Principles of Medical Statistics*; M. Spiegelman, *Introduction to Demography*; U.K. Royal Commission on Population, *Selected Papers of the Statistics Committee*; J. J. Spengler and O. D. Duncan (Eds.), *Demographic Analysis: Selected Readings*; G. W. Barclay, *Techniques of Population Analysis*.

SOURCES: The General Reports of the various Censuses of England and Wales; The Registrar-General, *Statistical Review of England and Wales*; J. Koren (Ed.), *History of Statistics*; H. L. Westergaard, *Contributions to the History of Statistics*; United Nations, *Demographic Yearbook*; United Kingdom, Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 2, *Census Reports of Great Britain, 1801-1931*; P. R. Cox, *Demography*.

References to articles and works of specialized interest will be given in the lectures.

681 Mathematics of Population Growth

Mr Carrier. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (third year); Dip. Stats.; optional for M.Sc.: *Demography II*, II 2. Recommended for other graduate students.

Students will be expected to have attended Course No. 680 Introduction to Demography, and to possess some knowledge of the calculus and of linear algebra.

Syllabus A study of certain aspects of stationary and stable populations with practical applications. Application of Matrix Algebra.

Recommended reading E. C. Rhodes, "Population Mathematics" (*Journal of the Royal Statistical Society*, 1940); United Nations Bureau of Social Affairs, *Population Studies*, No. 22, *Age and Sex Patterns of Mortality*; No. 25, *Methods of Population Projections by Sex and Age*; No. 26, *The Aging of Populations and its Economic and Social Implications*; N. Keyfitz, "The Intrinsic Rate of Natural Increase and the Dominant Root of the Projection Matrix" (*Population Studies*, March, 1965); N. Keyfitz, "Finite Approximations in Demography" (*Population Studies*, March, 1966). Detailed references will be given as the course proceeds.

682 Elements of Demographic Analysis I

Mr Hajnal and Dr Thapar. Twenty-two hours, Sessional.

For B.Sc. (Econ.) Part II: *Demography I*, IX 8a (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10e, Branch II, 10b (second year); B.Sc. (Geog.) C 22; optional for M.Sc.: *Demography I*, II 1; XVIII 3ix.

Syllabus Sources and reliability of population statistics. The life table and its applications. Simple techniques of

Demography

population projection. Cohort analysis. The study of mortality, nuptiality and fertility. The effect of vital rates on age structure and population growth.

Recommended reading GENERAL: A. M. Carr-Saunders, *World Population*; Royal Commission on Population, *Report* (Cmd. 7695); P.E.P., *World Population and Resources*.

METHODS AND SOURCES: G. W. Barclay, *Techniques of Population Analysis*; P. R. Cox, *Demography*; B. Benjamin, *Elements of Vital Statistics*; General Register Office, *Matters of Life and Death*; *Census of England and Wales, 1951, General Report*; *Statistical Review of England and Wales* (especially the *Commentary* volumes of recent years); United Nations, *Demographic Yearbook* (especially the introductory text of successive volumes). Further references will be given in the lectures.

683 Elements of Demographic Analysis II

Mr Hajnal and Dr Thapar. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II: *Demography I*, IX 8a; B.A./B.Sc. (Soc.) Branch I, 9 and 10e, Branch II, 10b (third year); B.Sc. (Geog.) C 22.

684 Population Trends and Policies Professor Glass. Ten lectures, Michaelmas Term. Class work will also be required.

For B.Sc. (Econ.) Part II: *Demography I*, IX 8a; *Demography II*, X 6 and 7b; XI 5, 6 and 7g (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10e and Branch II, 10b (second year); B.Sc. (Geog.) C 22; B.Sc. (Maths.): *Demography II* (second year); M.Sc.: *Demography I*, II 1; XVIII 3ix; Dip. Stats.; Dip. Development Admin. Recommended for other graduate students.

Syllabus The growth and distribution of world population since 1800. Historical trends and territorial differentials in mortality. The course and levels of fertility. International migration. The contemporary demographic situation. The development of the small family. Family

size and socio-economic characteristics. Stages of demographic and industrial development. The demographic problems of underdeveloped territories. Population theory and policy.

Recommended reading will be given during the course.

685 Mathematical Techniques for the Manipulation and Analysis of Demographic Data

Mr Carrier. Ten lectures of two hours each, Lent Term.

For B.Sc. (Econ.) Part II: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (third year); Dip. Stats.; optional for M.Sc.: *Demography II*, II 2. Other students will be admitted only by permission.

Syllabus Manipulation of data classified by age and similar variables. The measurement of infant mortality and fertility. Mathematical models.

Recommended reading will be given during the course.

686 Demography Revision Class

Mr Carrier. Five classes, Summer Term.

For B.Sc. (Econ.) Part II: *Demography II*, X 6 and 7b; XI 5, 6 and 7g; B.Sc. (Maths.): *Demography II* (third year).

FOR GRADUATE STUDENTS

687 Formal Demography

Mr Hobcraft and Dr Thapar. Twenty hours of lectures and classes, Michaelmas Term.

For M.Sc.: *Demography I*, II 1; XVIII 3ix.

Syllabus The construction and use of life tables. The concept of the stationary population. The measurement of fertility and replacement.

688 The Collection and Analysis of Demographic Data on Underdeveloped Countries

Demography

Mr Langford and Mr Brass. Thirty lectures and twenty classes, Sessional.

Michaelmas Term: For M.Sc.: *Demography I*, II 1; XVIII 3ix.

Lent and Summer Terms: For M.Sc.: *Demography II*, II 2.

Syllabus The design of census-type inquiries. The content and design of census questionnaires. The structure of a census organization. Recruitment and training of field staff. Enumeration problems. The design of special inquiries for the determination of birth and death rates and of population growth. Processing techniques and problems. Analysis of age-sex distributions. Estimation of fertility and mortality rates from census and survey data. Use of model life tables and stable population models. Techniques of population projections.

Recommended reading United Nations, *Handbook of Population Census Methods* (3 vols.); R. Blanc, *Manual of Demographic Research in Underdeveloped Countries*; U.N. Economic Commission for Africa, *Methods and Problems of African Population Censuses and Surveys, 1955-64*; Norma McArthur, *Introducing Population Statistics*; 1960 Population Census of Ghana, Volume V, *General Report*; Hong Kong, *Report of the Census, 1961* (3 vols.); United Nations, *Handbook of Vital Statistics Methods*; U.N. Economic Commission for Africa, *Methods and Problems of Civil Registration and Vital Statistics Collection in Africa*; United Nations, *Guanabara Demographic Pilot Survey*; International Population Conference, New York, 1961, Papers for Meeting 10; International Population Conference Ottawa 1963, Papers for meeting on "Vital Statistics from Limited Data"; World Population Conference, Belgrade 1965, Papers for Meeting B.6; U.N. Economic Commission for Africa, Papers for the *African Seminar on Vital Statistics* (1964) and for the *Working Group on Censuses of Population and Housing* (1965); W. Brass, papers in *Population Studies*, Vol. VII, No. 2, Vol. VIII, No. 1, Vol. XIV, No. 2;

C. A. L. Myburgh, Paper in *Population Studies*, Vol. X, No. 2; United Nations, *Manuals on Estimating Populations*.

689 The Detection and Reduction of Errors in Demographic Data

Mr Carrier and Mr Hobcraft. Fifteen lectures and fifteen classes, Michaelmas and Lent Terms.

For M.Sc.: *Demography II*, II 2.

Syllabus Simple plausibility tests. Self-consistency and independent tests. The oblique axis ogive. The treatment of digital preference. Graduation by survivorship ratios. Under-enumeration at young ages and overstatement of age at old ages. Sex ratio tests. Testing birth and death registration. Application of stable and quasi-stable population models.

Recommended reading will be given during the course.

690 Population Trends and Policies (Seminar)

Professor Glass and others. Fortnightly, Sessional.

For M.Sc.: *Demography I*, II 1; XVIII 3ix.

Syllabus Trends and patterns of mortality, marriage and fertility in both western and non-western societies.

691 Design and Analysis of Investigations relating to Fertility and Birth Control (Seminar)

Professor Glass, Mr Langford, Dr Thapar and others. Fortnightly, Lent and Summer Terms.

For M.Sc.: *Demography I*, II 1; XVIII 3ix.

Syllabus Purpose and design of fertility surveys. The use of surveys in connection with the formulation and implementation of birth control programmes. Problems of questionnaire design in fertility and other demographic surveys.

692 Techniques of Demographic Analysis

Dr Thapar. Ten lectures and ten classes, Lent and Summer Terms.

For M.Sc.: *Demography I*, II 1; XVIII 3ix.

Demography

Syllabus Examination, analysis and interpretation of data collected through censuses, vital registration and demographic surveys.

Recommended reading will be given during the course.

Psychology

700 Introduction to General and Social Psychology

Dr A. P. Sealy and Mrs Geber.
Twenty-two lectures, Sessional.

For B.A./B.Sc. (Soc.) Branches I, 5; II, 10a; III (first year); Dip. Soc. Admin. incl. Overseas Option (first year and one-year); B.Sc. (Econ.) Part I: alternative subject 10, *Introduction to Psychology*. Selected lectures for B.Sc. (Econ.) Part II: *Psychology*, IX 8b (second year).

Syllabus The genetic and biological bases of behaviour; analysis of learned and unlearned patterns of behaviour in man and animals. The development by the individual of stable representations of the social and physical environment through the process of perceptual learning. The development of intelligence, language and the process of socialization; the differentiation of personality. Interaction in small groups, the formation of attitudes and the effects of social and cultural variables on individual behaviour are examined.

Recommended reading N. L. Munn, *Fundamentals of Human Adjustment*; E. R. Hilgard, *Introduction to Psychology*; C. L. Morgan, *Introduction to Psychology*; D. O. Hebb, *Textbook of Psychology*; B. Foss (Ed.), *New Horizons in Psychology*; D. E. Broadbent, *Behaviour*; O. L. Zangwill, *Introduction to Psychology*; M. D. Vernon, *Perception*; R. L. Gregory, *The Eye and the Brain*; I. M. L. Hunter, *Memory*; F. C. Bartlett, *Remembering; Thinking*; C. Hall, *Primer of Freudian Psychology*; E. H. Erikson, *Childhood and Society*; G. H. George, *Cognition*; W. Slukin, *Imprinting*; H. W. Maier, *Three Theories of Child Development*; P. H. Mussen, J. Kagan and J. J. Conger, *Child Development and Personality; Readings in Child Development and Personality*; D. Krech, R. S. Crutchfield, E. L. Ballachey, *Individual in Society; Elements of Psychology*; M. Argyle, *The Scientific Study of Human Behaviour*; R. Brown, *Social Psychology*; J. H. Flavell, *The Developmental Theories of Jean Piaget*; S. Freud, *New Introductory Lectures*.

701 Psychoanalytic Theory

Dr Zinberg. Five lectures, Lent Term.

For Dip. Soc. Admin. (second year); optional for B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a (first year); B.Sc. (Econ.) Part I: alternative subject 10, *Introduction to Psychology*; B.Sc. (Econ.) Part II: *Psychology*, IX 8b (second year); Dip. Soc. Admin., incl. Overseas Option (one-year).

Recommended reading will be given during the course.

702 General Course in Social Psychology

Mr A. D. Jones and Mr Bateson.
Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Psychology*, IX 8b; B.A./B.Sc. (Soc.) Branch I, 5; Branch II, 10a (third year); B.Sc. (Soc.) Branch III (second year); B.Sc. (Soc. Anth.) Part II, 3d (second year).

Syllabus The place of social psychology in the social sciences; theories and concepts in social psychology. Social motivation, social perception and social learning; socialization; role and status. Formation and change of attitudes; stereotypes, prejudice. The individual and the group; group functioning; leadership; conformity. Selected topics in social psychology: national character; industrial relations; social change; organizational psychology; awareness contexts; cognitive dissonance; social comparison; interpersonal communication; exchange theory etc.

Recommended reading GENERAL TEXT-BOOKS: R. Brown, *Social Psychology*; E. E. Jones and H. B. Gerard, *Foundations of Social Psychology*; P. F. Secord and C. W. Backman, *Social Psychology*; E. Maccoby, T. Newcomb and E. Hartley (Eds.), *Readings in Social Psychology*; I. Steiner and M. Fishbein (Eds.), *Current Studies in Social Psychology*; H. Proshansky and B. Siderberg (Eds.), *Basic Studies in Social Psychology*; D. Cartwright and A. Zander (Eds.), *Group Dynamics* (2nd edn.). OTHER BOOKS: J. W. Atkinson (Ed.),

Psychology

Motives in Fantasy, Action and Society; D. McClelland, *The Achieving Society*; M. Jahoda and R. Christie, *Studies in the Scope and Method of the Authoritarian Personality*; G. C. Homans, *Social Behaviour*; J. Thibaut and H. Kelley, *Social Psychology of Groups*; R. Zajonc, *Social Psychology*; H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child*; G. Lindzey and E. Aronson, *Handbook of Social Psychology* (new edn.); M. Jahoda and N. Warren, *Attitudes*; M. Deutsch and R. M. Krauss, *Theories in Social Psychology*.

703 Language and Thought

Mr Hotopf. Eight lectures, Michaelmas Term.

For graduate students. Optional for B.A./B.Sc. (Soc.) (third year).

Syllabus Theories about the relationship between language, thought and perception that have been put forward by philosophers, linguists and sociologists will be considered. They will be assessed in the light of psychological theory and such empirical research as they have occasioned.

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

704 The Social Psychology of Education

Professor Himmelweit. Five lectures, Michaelmas Term.

For graduate students. Optional for B.A./B.Sc. (Soc.) (third year).

705 The Role of the Mass Media

Professor Himmelweit. Five lectures, Lent Term.

For graduate students. Optional for B.A./B.Sc. (Soc.) (third year).

706 Psychology Classes

Sessional.

(a) For B.Sc. (Econ.) Part I: alternative subject 10, *Introduction to Psychology*.

(b) For B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a (first year).

707 Social Psychology Classes

Michaelmas and Lent Terms.

(a) For B.Sc. (Econ.) Part II: *Psychology*, IX 8b (second year).

(b) For B.Sc. (Econ.) Part II: *Psychology*, IX 8b (third year); B.A./B.Sc. (Soc.) Branch I, 5 and Branch II, 10a (third year).

708 Social Psychology (Class)

Michaelmas and Lent Terms.

For B.Sc. (Soc. Anth.) Part II, 3d (second year).

FOR GRADUATE STUDENTS

709 Industrial Psychology

Mr Holmes. Ten lectures and ten classes, Lent Term.

For M.Sc.: *Operational Research Methods*, XI 4i.

Syllabus Individual maturation and adjustment. Factors leading to the formation of industrial groups. Morale and individual breakdown; co-operative and competitive situations, resistance to change.

The nature of incentives. Supervisory and other leadership. Psychological and organizational factors in communication.

Recommended reading M. S. Viteles, *Motivation and Morale in Industry*; N. R. F. Maier, *Psychology in Industry*; H. Croome, *Human Problems of Innovation*; J. Woodward, *Management and Technology*; D. Krech, R. S. Crutchfield and E. L. Ballachey, *Individual in Society*.

Further reading will be recommended during the course.

710 Psychology Seminar

Professor Himmelweit. Fortnightly, Sessional.

For graduate students.

711 Theories and Concepts in Social Psychology (Seminar)

Psychology

Members of the Department.

Michaelmas Term.

For M.Sc.: *Theories and Concepts of Social Psychology*, XVII 1.

712 Communication, Attitude Change and Innovation (Seminars)

(i) Psychology of Social Change

Mr A. D. Jones. Michaelmas Term.

(ii) Communication and Attitude Change

Professor Himmelweit. Lent and Summer Terms.

For M.Sc.: *Communication, Attitude Change and Innovation*, XVII 3 (vi) and other graduate students.

713 Language, Thought and Communication (Seminar)

Mr Hotopf. Lent and Summer Terms.

For M.Sc.: *Psychology of Language*, XVII 3 (ii).

Students who attend Course No. 713 may also be interested in Course No. 365 Language and Society (Seminar).

714 Social Psychological Methods of Research

Dr Oppenheim and other members of the Department.

For M.Sc.: *Social Psychological Methods of Research*, XVII 2.

715 Social Psychology of Industrial and other Organizations (Seminar)

Mr Holmes. Lent and Summer Terms.

For M.Sc.: *Social Psychology of Industrial and other Organizations*, XVII 3 (iv).

716 Personality and Child Development (Seminar)

Dr A. P. Sealy. Lent and Summer Terms.

For M.Sc.: *Personality and Child Development*, XVII 3 (i).

Students proposing to attend this course should have read at least the following or their equivalents before starting the course: C. Hall and G. Lindzey, *Theories of Personality*; R. Munroe, *Schools of Psychoanalytic Thought*; R. Lazarus and E. Opton, *Personality*; S. Freud, *New Introductory Lectures*; A. Freud, *The Ego and the Mechanisms of Defence*; A. Baldwin, *Theories of Child Development*.

717 Groups and Group Functioning (Seminar)

Mr Bateson. Lent and Summer Terms.

For M.Sc.: *Groups and Group Functioning*, XVII 3 (iii).

718 Social Psychology of Education and Work (Seminar)

Professor Himmelweit and Dr A. P. Sealy. Lent and Summer Terms.

For M.Sc.: *Social Psychology of Education and Work*, XVII 3 (vii).

719 Social Psychology of Conflict (Seminar)

Dr Oppenheim. Lent and Summer Terms.

For M.Sc.: *Social Psychology of Conflict*, XVII 3 (v).

Note Students are also referred to courses on Psychology listed in the section on Social Science and Administration and to Course No. 990 in Statistics.

Social Science and Administration

720 Development of Social Administration

Professor Donnison. Twenty-five lectures, Sessional.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10b (second year); B.Sc. (Soc.) Branch III, 4 (second year); Dip. Soc. Admin. (one-year incl. Overseas Option and first year); B.Sc. (Geog.) C 25; Dip. Development Admin.

Syllabus An introduction (7 lectures) to the subject of Social Administration, and the main fields it deals with: income redistribution, education, the housing market, medical care and the personal social services: followed by a historical survey (14 lectures) of the development of social services in Britain since 1830, and a concluding discussion (4 lectures) of selected current problems and the evolution of social policies.

Recommended reading M. P. Hall, *The Social Services of Modern England*; Maurice Bruce, *The Coming of the Welfare State*; K. de Schweinitz, *England's Road to Social Security*; H. C. Barnard, *A History of English Education from 1760*; Almont Lindsey, *Socialized Medicine in England and Wales*; David Owen, *English Philanthropy, 1660-1960*; K. Woodroffe, *From Charity to Social Work*; R. M. Titmuss, *Problems of Social Policy*; *Essays on "The Welfare State"*; D. V. Donnison, *The Government of Housing*; J. B. Cullingworth, *Town and Country Planning in England and Wales*; J. A. G. Griffith, *Central Departments and Local Authorities*; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom*; T. H. Marshall, *Social Policy*.

Basic statistical data and bibliographies will be distributed from time to time during lectures.

721 Social Policy

Professor Titmuss. This course will not be given in the session 1968-69.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10b (third year); B.Sc. (Soc.) Branch III, 4 (third year); Dip. Soc. Admin. (one-year incl. Overseas Option and second year).

Syllabus Definition, scope and content of social policy. Theoretical and philosophical considerations in assessing the role of government in the field of social welfare. Issues of principle, methods of studying and the use of welfare models. The theory and practice of redistribution; the measurement of benefits and the costs of change. The application of models to the British welfare system. Objectivity and value choices.

Recommended reading Maurice Bruce, *The Coming of the Welfare State*; D. V. Donnison *et al.*, *Social Policy and Administration*; T. H. Marshall, *Social Policy*; R. K. Merton and R. A. Nisbet, *Contemporary Social Problems*; Talcott Parsons, *The Structure of Social Action*; *The Social System*; K. E. Boulding, *Principles of Economic Policy*; J. K. Galbraith, *The Affluent Society*; Wilbert Moore, *Social Change*; S. I. Benn and R. S. Peters, *Social Principles and the Democratic State*; G. D. Gurvich, *The Spectrum of Social Time*; Joan Robinson, *Economic Philosophy*; R. M. Titmuss, *Income Distribution and Social Change*; K. J. Arrow, "Uncertainty and the Welfare Economics of Medical Care" (*American Economic Review*, Vol. LIII, No. 5, Dec. 1963); D. S. Lees, *Freedom or Free-for-all?*; W. G. Runciman, *Relative Deprivation and Social Justice*.

721(a) Social Policy (Classes)

Fortnightly, in connection with Course. No. 721.

722 Policy Problems in Health Services

Professor Abel-Smith. Five lectures, Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10b (third year); B.Sc. (Soc.) Branch III, 4 (third year); Dip. Soc. Admin. (one-year incl. Overseas Option and second year).

Syllabus The origins of the National Health Service and its organization.

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Comparisons with other countries. Methods of financing medical care. The economics of health services. The use of manpower in the health sector. Problems of hospital planning and organization. Co-ordination in the National Health Service. Problems of measuring need and demand.

Recommended reading A. Lindsey, *Socialised Medicine in England and Wales*; B. Abel-Smith, *The Hospitals 1800-1948*; B. Abel-Smith, *A History of the Nursing Profession*; H. Eckstein, *Pressure Group Politics*; Rosemary Stevens, *Medical Practice in Modern England*; T. Mckeown, *Medicine in Modern Society*; G. Forsyth and F. L. Logan, *The Demand for Medical Care*; H. Freeman and J. Farndale, *Trends in the Mental Health Services*; P.E.P., *Psychiatric Services in 1975* (*Planning*, Vol. XXIX, No. 468, 1963); Anne Cartwright, *Human Relations and Hospital Care*; R. W. Revans, *Standards for Morale*; Barbara Rodgers and Julia Dixon, *Portrait of Social Work*; D. Paige and K. Jones, *Health and Welfare Services in Britain in 1975*; B. Abel-Smith and Kathleen Gales, *British Doctors at Home and Abroad*; B. Abel-Smith, "Paying for Family Doctor Services" (*Medical Care*, Vol. I, No. 1, 1963); J. Hogarth, *The Payment of the General Practitioner*; H. E. Klarman, *The Economics of Health*; H. M. and A. Somers, *Doctors, Patients and Health Insurance*; Anne Cartwright, *Patients and their Doctors*; *Report of the Committee of Enquiry into the Relationship of the Pharmaceutical Industry with the National Health Service, 1965-7* (Cmnd. 3410); J. A. S. Forman, *Social Casework in General Practice*; J. Simpson *et al.*, *Custom and Practice in Medical Care*; *Royal Commission on Medical Education, 1965-8* (Cmnd. 3569); B. Abel-Smith, *An International Study of Health Expenditure* (W.H.O. Public Health Papers, No. 32).

723 Aspects of Social Policy

For Dip. Soc. Admin. (second year and one-year); optional for B.Sc. (Soc.) Branch III, 4 (second year); B.Sc. (Geog.) C 25.

(i) Miss Slack. Ten lectures, Lent Term.

The course will be concerned with problems arising in the implementation of social policy in practice and with factors accounting for changes in policy and local differences in provision.

Recommended reading T. H. Marshall, *Social Policy*; Kathleen M. Slack, *Social Administration and the Citizen*; D. C. Marsh (Ed.), *An Introduction to the Study of Social Administration*; Julia Parker, *Local Health and Welfare Services*. Other reading will be given during the course.

(ii) Members of the Department. Eight lectures, Summer Term.

These lectures will be concerned with current research and developments in social administration.

724 Social Administration (Classes)

For Dip. Soc. Admin., one-year (incl. Overseas Option), first year and second year; B.Sc. (Soc.) Branch III 4 (second and third years); B.A./B.Sc. (Soc.) Branch I 9 and 10b (second and third years); B.Sc. (Geog.) C 25.

725 Central and Local Government Administration (Seminar)

Dr Parker and Mr Regan. Sessional.

For B.Sc. (Soc.) Branch III 7a (third year).

726 Evolution of Community Development

Mr Hodge. Six lectures, Michaelmas Term.

For Dip. Soc. Admin. one-year, (Overseas Option only); M.Sc.: *Community Development*, XV 2(v); optional for Dip. Development Admin.

Syllabus Terminology and definitions; the concept of non-terminal process; community development theory. The British contribution: the origins of policy and practice in community education, and the work of the missions and churches. The American contribution: the concept

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of extension. The Indian contribution: the concept of the Block and the Block Team of specialist officers; the evolution of the front-line, generalist worker at village level as agent of the extension team. Community development as an international movement. Community development in Ghana, a case-study.

Recommended reading W. W. Biddle with L. J. Biddle, *The Community Development Process*; T. R. Batten, *Communities and their Development*; Central Office of Information, *Community Development: The British Contribution*; F. C. Swezey and J. J. Honigmann, *American Origins of Community Development (International Review of Community Development, No. 10, 1962)*; Government of India, *Evolution of Community Development Programme in India*; U.N. Bureau of Social Affairs, *Social Progress through Community Development (1955)*; Carl C. Taylor *et al.*, *India's Roots of Democracy*; V. P. Pandey, *Origin, Development and Problems of Village Community Projects in India*; P. du Sautoy, *Community Development in Ghana*; M. B. Clinard, *Slums and Community Development*.
JOURNALS: *International Review of Community Development*; *The Community Development Journal*.

727 Community Development Methods

Mr Hodge. Six lectures, Lent Term.
For Dip. Soc. Admin., one-year (Overseas Option only). Optional for M.Sc.: *Community Development*, XV 2(v); Dip. Development Admin.

Syllabus The Community Development worker as an agent of change: his professional involvement, his authority, the skilled use of his personality; the setting of community development, surveys, problems of communication; contact groups and methods of approach; programmes and administration; the worker as enabler and resource person; technical support for local community effort; training of workers and voluntary auxiliaries.

Recommended reading G. M. Foster, *Traditional Cultures and the Impact of Technological Change*; T. R. Batten with

M. Batten, *The Non-directive Approach in Group and Community Work*; *The Human Factor in Community Work*; T. R. Batten, *Training for Community Development*; R. P. Lynton, *The Tide of Learning: the Aloka Experience*; U.N., *Community Developments in Urban Areas* (Report by the Secretary-General, 1961); Clarence King, *Working with People in Small Communities*; *Working with People in Community Action*; W. H. Goodenough, *Cooperation in Change: an Anthropological Approach to Community Development*; U.N., *Report of the European Seminar on Training for Community Development* (Athens, 1961 (SOA/ESWP/1961/2)).
JOURNALS: *International Review of Community Development*; *The Community Development Journal*; *Human Organization*; *Ekistics*.

728 Community Organization

Mr Hodge. Seven lectures, Michaelmas Term.

Optional for Dip. Soc. Admin., Overseas Option (second year and one-year); Dip. Development Admin.

Syllabus Community organization process in social work; the concept of community participation; values in community organization; practice: the focus upon a geographical base, the focus upon relationships; community organization and physical planning; the tools of community organization: groups, committees, records; training for community organization.

Recommended reading M. G. Ross with B. W. Lappin, *Community Organization, Theory, Principles and Practice*; G. Hendriks, *Community Organization*; E. B. Harper and A. Dunham, *Community Organization in Action*; National Council of Social Service, *Community Organisation: an Introduction*; *Working with Communities*; *Community Organisation: Work in Progress*; P. H. K. Kuenstler (Ed.), *Community Organization in Great Britain*; R. C. Wilson, *Difficult Housing Estates*; J. Spencer *et al.*, *Stress and Release in an Urban Estate*; R. Frankenberg, *Communities in Britain*; P. Jephcott, *A Troubled Area: Notes on Notting Hill*; U.K. Ministry of Housing and Local

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Government, *The First Hundred Families: Community Facilities for First Arrivals in Expanding Towns*; *The Needs of New Communities*; Jane Jacobs, *The Death and Life of Great American Cities*; P. Marris and M. Rein, *Dilemmas of Social Reform*; R. Morris and R. H. Binstock, *Feasible Planning for Social Change*.

729 Social Policy in Developing Countries

Mr Hodge, Mrs Hardiman and others.

(a) Classes

For Dip. Development Admin.; Dip. Soc. Admin., one-year (Overseas Option only).

(b) Seminar

Sessional.
For Dip. Soc. Admin., one-year (Overseas Option only); B.Sc. (Soc.) Branch III 7b (third year); M.Sc.: *Community Development*, XV 2(v); Dip. Development Admin.

730 Social Structure and Social Policy in Societies Undergoing Industrialization (Class)

Mrs Hardiman and Mr Hodge. Sessional.

For B.Sc. (Soc.) Branch III, 7b (third year).

731 Introduction to Social Work

For Dip. Soc. Admin., one-year incl. Overseas Option and first year.

(a) Community Work

Miss Booker. Four lectures, Lent Term.

(b) Group Work

Miss Parsloe. Three lectures, Lent Term.

(c) Case Work

Miss Butrym. Three lectures, Lent Term.

732 Aspects of Social Work

Various lecturers. Ten lectures, Lent Term.

For Dip. Soc. Admin., one-year incl. Overseas Option and first year.

733 Social History

Professor McGregor. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 1 (first year).

733(a) Social History (Classes)

Sessional, in connection with Course No. 733.

734 British Social History: Special Aspects

Professor McGregor and others. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 1 (second year).

734(a) British Social History (Seminar)

Professor McGregor. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 1 (third year).

Syllabus and recommended reading will be given during the course.

735 Elements of Government (Classes)

Fortnightly, Sessional, in connection with Course No. 421.

For B.Sc. (Soc.) Branch III, 2 (first year).

736 British Political, Administrative and Legal Institutions

Dr Burton and Mrs Stark.

Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 2 (second year).

Syllabus The Legislative Process: the Cabinet; committees of enquiry; political parties; Parliament; the law. The

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Administrative Process: statutory instruments; decision-taking in external and domestic affairs; local government; statutory bodies and public corporations. The Financing of Policies: the Budget; Treasury control; local authority finances; the supply of money and the balance of payments. The Citizen and Government: administrative justice; the redress of grievances; the M.P.; the Parliamentary Commissioner.

Recommended reading R. T. McKenzie, *British Political Parties*; H. Daalder, *Cabinet Reform in Great Britain*; K. C. Wheare, *Government by Committee*; A. H. Hanson and H. V. Wiseman, *Parliament at Work*; M. Beloff, *New Dimensions in Foreign Policy*; F. A. Johnson, *Defence by Committee*; J. A. G. Griffith, *Central Departments and Local Authorities*; S. H. Beer, *Treasury Control*; D. N. Chester (Ed.), *Lessons of the British War Economy*; H. W. R. Wade, *Administrative Law*; P. and G. Ford, *A Guide to Parliamentary Papers*; G. le May, *British Government 1914-1953, Select Documents*.

736(a) British Political, Administrative and Legal Institutions (Classes)

Fortnightly, Sessional, in connection with Course No. 736.

737 Ethics and Social Philosophy

Mr Lloyd Thomas. Sessional. At Bedford College.

For B.Sc. (Soc.) Branch III, 6 (first year).

Syllabus An elementary introduction to moral philosophy, covering the following topics: Utilitarianism: Utilitarianism and justice. Qualities of pleasure. The concepts of pleasure and happiness. Good motives. Can we know the consequences of actions? The "proof" of utilitarianism. Act and Rule utilitarianism. The naturalistic fallacy. Evaluative and descriptive uses of language. The universalizability of moral judgments. Emotivism. Moral relativism. Free will and determinism.

Recommended reading J. S. Mill, *Utilitarianism*; J. J. C. Smart, *An Outline*

of a System of Utilitarian Ethics; S. Toulmin, *The Place of Reason in Ethics*; R. M. Hare, *The Language of Morals*; R. M. Hare, *Freedom and Reason*; G. E. Moore, *Principia Ethica*; I. Kant, *Groundwork of the Metaphysic of Morals*; M. G. Singer, *Generalization in Ethics*; D. Hume, *A Treatise of Human Nature*; C. L. Stevenson, *Ethics and Language*; A. J. Ayer, *Language, Truth and Logic*; D. F. Pears (Ed.), *Freedom and the Will*; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. I; J. Hospers, *Human Conduct*; D. Hume, *An Enquiry Concerning the Principles of Morals*.

737(a) Ethics and Social Philosophy (Classes)

Sessional, in connection with Course No. 737.

738 The Family in Law and in Society

Professor McGregor and Mr Blom-Cooper. Twenty lectures, Michaelmas and Lent Terms. At Bedford College.

For B.Sc. (Soc.) Branch III, 7d (third year).

Syllabus and **recommended reading** will be given during the course.

738(a) The Family in Law and in Society (Classes)

At Bedford College, in connection with Course No. 738.

739 The Financing of the Social Services

Mr B. P. Davies. Ten lectures, Lent Term.

For B.Sc. (Soc.) Branch III, 3 (third year); Dip. Soc. Admin. (second year and one-year). Optional for B.A./B.Sc. (Soc.) Branch I, 9 and 10b (third year).

Syllabus The tax system and its social implications; the rationale of the National Insurance Fund; historical trends in the costs of social services; the effects of

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population change; the use made of social services by different income groups; the problems of allocating money to different services; the effects of systems of local government finance on expenditure patterns.

Recommended reading *National Income and Expenditure*, 1967; Economic Trends, No. 154, August, 1966; B. Abel-Smith, "Social Security" in M. Ginsberg (Ed.), *Law and Opinion in the Twentieth Century*; A. T. Peacock, *The Economics of National Insurance*; JEBS, *Personal Taxation* (Fabian Society, 1966); Labour Party, *National Superannuation* (1956); A. Seldon, *Pensions in a Free Society* (I.E.A., 1957); W. Hagenbuch, *Social Economics*; D. S. Lees, *Health through Choice* (I.E.A., 1961); A. Peacock and J. Wiseman, *Education for Democrats*; Tony Lynes, *Pension Rights and Wrongs* (Fabian Society, 1963); A. Peacock, "Political Economy of Social Welfare" (*Three Banks Review*, Dec., 1964); B. Abel-Smith, *Freedom in the Welfare State* (Fabian Society, 1964); R. H. Cassen and S. D. Gervasi, "Social Priorities and Economic Policy" (*Political Quarterly*, 1964).

740 Social Economics: Public Finance

Professor Ilersic. Ten lectures, Lent Term. At Bedford College.

For B.Sc. (Soc.) Branch III, 3 (second year).

Syllabus Growth and finance of public sector expenditure since 1900; principles and application of fiscal and budgetary policy; the U.K. tax structure including the local rate.

Recommended reading U. K. Hicks, *British Public Finances, 1820-1952*; Worswick and Ady, *The British Economy in the 1950s* (chap. 8); A. R. Ilersic, *Taxation of Capital Gains*; *Report of the Committee on Turnover Taxes* (Cmnd. 2300); *Report of the Committee of Inquiry into Impact of Rates on Households* (Cmnd. 2582); P. D. Henderson, *Economic Growth in Britain*.

741 Economics (Classes)

(a) Fortnightly, Sessional.

For Dip. Soc. Admin. (first year, second year and one-year, incl. Overseas Option).

(b) Fortnightly, Sessional.

For B.Sc. (Soc.) Branch III, 3 (first, second and third years).

742 Research Methods in Social Administration (Class)

Mr B. P. Davies. Sessional.

Optional for Dip. Soc. Admin. (second year and one-year).

743 Personality and Abnormal Psychology

Six lectures, Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 5; Branch II, 10a (second year); Dip. Soc. Admin. (second year). Optional for Dip. Soc. Admin., incl. Overseas Option (one-year).

Syllabus Concepts of abnormality; classification of mental illness; organic psychoses; functional psychoses; psychoneuroses; personality disorders; psychodynamic and behaviourist approaches; psychological reactions to stress; psychiatric and psychological treatment; concepts of personality; personality assessment.

Recommended reading H. G. Jones and H. L. Freeman, *Progress in Mental Health* (Office of Health Economics pamphlet, 1966); D. Stafford-Clark, *Psychiatry Today* (Penguin); H. J. Eysenck, *Fact and Fiction in Psychology* (Penguin); D. Stafford-Clark, *Psychiatry for Students*; A. D. B. Clarke, *Recent Advances in the Study of Subnormality* (N.A.M.H., 1966); C. Hall and G. Lindzey, *Theories of Personality*; B. Semeonoff, *Personality Assessment* (Penguin).

744 Psychology in Social Administration

Mr Plowman. Five lectures, Summer Term.

Social Science and Administration

For Dip. Soc. Admin. (one-year incl. Overseas Option and second year); B.Sc. (Soc.) Branch III (second year).

Syllabus and recommended reading will be given during the course.

745 Psychology (Classes)

(a) Fortnightly, Sessional.

For B.Sc. (Soc.) Branch III (first and second years).

(b) Fortnightly, Sessional.

For Dip. Soc. Admin. (one year incl. Overseas Option, first and second year).

746 Social Structure (Classes)

(a) Fortnightly, Lent Term.

For Dip. Soc. Admin. (first year).

(b) Fortnightly, Sessional.

For Dip. Soc. Admin. (second year and one-year).

(c) Weekly, Lent and Summer Terms.

For Dip. Soc. Admin., Overseas Option (one-year).

(d) Fortnightly, Sessional.

For B.Sc. (Soc.) Branch III, 6 (first, second and third years).

747 Seminars in Social Administration

(a) Miss Blackstone and Dr Parker for first-year students.

(b) Professor Donnison and Mrs Rose for second-year students.

(c) Mr Webb for third-year students. Sessional.

For B.Sc. (Soc.) Branch III.

FOR GRADUATE STUDENTS

M.Sc.: Social Administration and Social Work Studies—Option A

748 Social Policy and Administration (Seminar)

Professor Abel-Smith. Fortnightly, Sessional.

For M.Sc.: *Social Policy and Administration*, XV 1; other students may attend only with the consent of the lecturer.

Syllabus The formation and development of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. The problems of redistributive justice and ethical issues in social policy. The assessment of the effects of the social services and social policies. Concepts of need and social welfare. The 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 only in general terms with special branches of the social services covered by other papers, e.g. social security, medical care and the welfare services. It will take account of historical developments and will include, where appropriate, comparative developments in other countries and focus on current policy questions.

Recommended reading M. Bruce, *The Coming of the Welfare State*; B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; D. V. Donnison and others, *Social Policy and Administration*; R. M. Titmuss, *Essays on "The Welfare State"*; *Income Distribution and Social Change*; D. S. Lees, *Freedom or Free-for-all?*; W. G. Runciman, *Relative Deprivation and Social Justice*; Kathleen M. Slack, *Social Administration and the Citizen*; E. Burns, *Social Security and Public Policy*;

Social Science and Administration

Christopher Green, *Negative Taxes and the Poverty Problem*.

749 Medical Care (Seminar)

Professor Abel-Smith and Mrs Rose.

For M.Sc.: *Medical Care*, XV 2(i); other students may attend only with the consent of the lecturers.

Syllabus The development of health services in Britain: the social, demographic and economic facts relevant to planning health services; the problem of determining priorities between different parts of health services; the principles of hospital planning; the balance between private and public health services; problems of private and public health insurance; man-power planning and the training of health personnel; the control of drugs; the collection and uses of health statistics; the economics of medical care; the evaluation of medical care services; the effects of different forms of central, regional and local administration; the relationships of health and social services; comparisons between the health services of Britain and those of other high-income countries.

Recommended reading A. Lindsey, *Socialized Medicine in England and Wales*; B. Abel-Smith, *The Hospitals, 1800-1948*; Rosemary Stevens, *Medical Practice in Modern England*; T. McKeown, *Medicine in Modern Society*; G. Forsyth and F. L. Logan, *The Demand for Medical Care*; H. Freeman and J. Farndale, *Trends in the Mental Health Services*; K. Jones and R. Sidebotham, *Mental Hospitals at Work*; Anne Cartwright, *Human Relations and Hospital Care*; R. W. Revans, *Standards for Morale*; P. F. Gemmill, *Britain's Search for Health*; B. Rodgers and J. Dixon, *Portrait of Social Work*; Ministry of Health, *The Field of Work of the Family Doctor*; Margot Jefferys, *An Anatomy of Social Welfare Services*; R. Titmuss et al., *The Health Services of Tanganyika*.

750 Social Security (Seminar)

Professor Abel-Smith.

For M.Sc.: *Social Security*, XV 2(ii);

other students may attend only with the consent of the lecturer.

Syllabus Social security is defined broadly to include not only national insurance, injuries and assistance provisions, but also provisions for income maintenance provided by courts, tax allowances which meet family needs, fringe benefits and private insurance. The historical development of social security provisions in Britain; the definition of poverty and criteria for determining the scope and level of social security benefits; the economic and financial problems of social security; the legal framework of social security; comparisons with provisions in other high-income countries.

Recommended reading B. Abel-Smith, "Social Security" in M. Ginsberg (Ed.), *Law and Opinion in the Twentieth Century*; B. Gilbert, *The Evolution of National Insurance in Great Britain*; W. Beveridge, *Social Insurance and Allied Services* (Cmd. 6404, 1942); A. T. Peacock, *The Economics of National Insurance*; B. Abel-Smith and P. Townsend, *The Poor and the Poorest*; A. F. Young, *Industrial Injuries Insurance; Report of the Committee on the Economic and Financial Problems of the Provision for Old Age* (Cmd. 9333, 1954); Labour Party, *National Superannuation*; P. Townsend and D. Wedderburn, *The Aged in the Welfare State*; Ministry of Pensions and National Insurance, *Provision for Old Age* (Cmnd. 538, 1958); T. Lynes, *Pension Rights and Wrongs* (Fabian Society, 1963); A. Seldon, *Pensions in a Free Society*.

751 Welfare Services (Seminar)

Miss Slack.

For M.Sc.: *Welfare Services*, XV 2(iii); other students may attend only with the consent of the lecturer.

Syllabus The nature of welfare services for the physically and mentally handicapped; the aged and infirm; the deprived, delinquent and school child; the unmarried parent; the family in situations of misfortune. The causes and varieties of need in these groups and the historical development of provisions to meet them made by statutory and voluntary agencies. The concept of community care. The

problems of staffing and co-ordination of welfare services. The case for an integrated local authority welfare service.

Recommended reading Kathleen M. Slack, *Social Administration and the Citizen*; Julia Parker, *Local Health and Welfare Services*; T. H. Marshall, *Social Policy*; M. P. Hall, *The Social Services of Modern England* (6th edn.); D. Paige and K. Jones (National Institute of Economic and Social Research), *Health and Welfare Services in Britain in 1975*; Jean Heywood, *Children in Care*; V. Wimperis, *The Unmarried Mother and her Child*; Ministry of Labour and National Service, *Services for the Disabled* (H.M.S.O.); The National Council of Social Service, *The Welfare of the Disabled*; *Report of the Royal Commission on the Law relating to Mental Illness and Mental Deficiency, 1954-57* (Cmnd. 169); Jeremy Tunstall, *Old and Alone*; P. Townsend and D. Wedderburn, *The Aged in the Welfare State* (Occasional Papers on Social Administration, No. 14); Ministry of Health, Department of Health for Scotland, *Report of the Working Party on Social Workers in the Local Authority Health and Welfare Services* (H.M.S.O.); T. H. Marshall, *Sociology at the Crossroads*, chap. 16.

752 Housing and Town Planning (Seminar)

Miss Nevitt. Michaelmas and Lent Terms.

For M.Sc.: *Housing and Town Planning*, XV 2(iv); other students may attend only with the consent of the lecturer.

Syllabus The structure of the housing market in Britain; the analysis and forecasting of housing requirements; housing policies in Britain since 1945. The house-building industry and policies for its development. The town planning system: its influence upon the development process generally, and the building and distribution of housing particularly.

Recommended reading D. V. Donnison, *The Government of Housing*; J. B. Cullingworth, *Housing and Local Government in England and Wales*; *Town and Country Planning in England and Wales*; A. A. Nevitt, *Housing Taxation and Subsidies*; M. Bowley, *The British Building*

Industry; P. A. Stone, *Building Economy*; J. A. G. Griffith, *Central Departments and Local Authorities*; N. Lichfield, *Economics of Planned Development*; W. G. Grigsby, *Housing Markets and Public Policy*; A. A. Nevitt (Ed.), *The Economic Problems of Housing*.

753 Community Development (Seminar)

Mr Hodge.

For M.Sc.: *Community Development*, XV 2(v); other students may attend only with the consent of the lecturer.

Syllabus An examination of the theory of community development: its evolution, and the application of community development methods in various settings. Case-studies of the administrative framework of community development programmes with special reference to British experience overseas in Africa and the Caribbean, and to the Indian programme. Community development in the United Kingdom.

Recommended reading W. W. Biddle with L. J. Biddle, *The Community Development Process*; P. de Schlippe, "Theory of Community Development" in J. A. Ponsioen (Ed.), *Social Welfare Policy (first collection)*; S. Milburn, *A Study on Methods and Techniques of Community Development in the United Kingdom Dependent and Trust Territories* (U.N., ST/SOA/Ser.0/21, 1954); Colonial Office, *Educational Policy in British Tropical Africa* (Cmd. 2374, 1925); *Memorandum on the Education of African Communities* (No. 103, 1935); *Mass Education in African Society* (No. 186, 1944); *Education for Citizenship in Africa* (No. 216, 1948); *The Encouragement of Initiative in African Society* (African No. 1174, March, 1949); *Social Development in the British Colonial Territories* (Misc. No. 523, Feb., 1955); *Social Development through Family and Home* (1960); L. J. Lewis (Ed.), *Phelps-Stokes Reports on Education in Africa*; Sugata Dasgupta, *A Poet and a Plan: Tagore's Experiments in Rural Reconstruction*; F. L. Brayne, *Better Villages*; Albert Mayer et al., *Pilot Project, India, 1930-1960*; B. Mukerji, *Community*

Development in India; Carl C. Taylor et al., *India's Roots of Democracy*; U.N., *Public Administration Aspects of Community Development Programmes* (1959); *Community Development and National Development* (1963).

754 Educational Administration (Seminar)

Professor Donnison.

For M.Sc.: *Educational Administration*, XV 2(vii); other students may attend only with the consent of the lecturer.

Syllabus The development of educational policy and administration in Britain, particularly since 1918. The structure and relationships of the administrative organizations responsible for maintained schools, the systems of higher and further education, and the independent schools. The recruitment, training and deployment of teachers. An introduction to problems of educational planning. The organization and policies of relevant political, professional and consumer associations.

Recommended reading H. C. Barnard, *A History of English Education from 1760*; A. Tropp, *The School Teachers*; J. Stuart McLure, *Educational Documents in England and Wales, 1816-1963*; *The Education of the Adolescent* (Hadow Report, 1926); *Higher Education* (Robbins Report) (Cmnd. 2154, 1963); *15 to 18* (Crowther Report, 1959); *Half Our Future* (Newsom Report, 1963); *Children and Their Primary Schools* (Plowden Report, 1967); J. W. B. Douglas, *The Home and the School*; J. A. G. Griffith, *Central Departments and Local Authorities*; T. Husén (Ed.), *International Study of Achievement in Mathematics*; J. Vaizey, *Education in the Modern World*; *The Economics of Education*; F. H. Harbison and C. A. Myers, *Education, Manpower and Economic Growth*.

OTHER GRADUATE COURSES

755 Seminar in Social Administration

Professor Donnison. Sessional.

For graduate students.

Personnel Management Diploma Courses

760 Principles and Practice of Personnel Management

Miss Seear and others. Lectures and classes, Sessional.

For Diploma in Personnel Management.

Syllabus These lectures trace the development of personnel management and examine the place of the personnel specialist in industrial and commercial organizations. The main aspects of personnel policy are discussed and the developing practices of different organizations are studied. The topics include: manpower forecasting and planning recruitment; training and education with particular reference to the implementation of the Industrial Training Act; appraisal and promotion; incentives and the principles and methods of remuneration; problems of communication and consultation.

Recommended reading A bibliography will be recommended during the course of the lectures.

761 Industrial Psychology

Mr Holmes. Twenty-five lectures, Sessional.

For Diploma in Personnel Management.

Syllabus Measurement in industry: the structure of human abilities, job analysis, selection and training techniques. Attitude measurement.

Individual maturation and adjustment. Factors leading to the formation of industrial groups. Morale and its breakdown; co-operative and competitive situations, resistance to change. Psychological and organizational factors in communication.

The nature of incentives; supervisory and other leadership. Personnel counselling. Supervisory training.

Recommended reading N. R. F. Maier, *Psychology in Industry*; M. S. Viteles, *Motivation and Morale in Industry*; P. E. Vernon and J. B. Parry, *Personnel Selection in the British Forces*; J. Piaget, *The Moral Judgment of the Child*; J. A. C.

Social Science and Administration

Brown, *The Social Psychology of Industry*; W. Brown, *Exploration in Management*; H. Croome, *Human Problems of Innovation*; H. J. Eysenck, *Uses and Abuses of Psychology*; J. Woodward, *Management and Technology*; L. R. Sayles, *The Behaviour of Industrial Work Groups*; W. F. Whyte and others, *Money and Motivation*; A. Zalesnik and others, *The Motivation, Productivity and Satisfaction of Workers*.

761(a) Industrial Psychology (Class)

Mr Holmes. In connection with Course No. 761.

762 Methods of Social Research in Industry

Mr Thurley. Lectures and classes, Michaelmas and Lent Terms.

For students who will be undertaking project work for Part II of the Diploma in Personnel Management.

Note The numbers of the additional courses taken by Diploma in Personnel Management Students are listed on page 240.

Non-Diploma Courses

763 Introduction to Personnel Management

Miss Seear. Five lectures, Lent Term.

For M.Sc.: *Operational Research Methods*, XI 4(i).

Diploma for Social Workers in Mental Health

Note Lectures and seminars numbered 770, 772 and 774-783 are restricted to students registered for this course.

770 The Mental Health Services

Mrs McDougall. Ten lectures, Michaelmas Term.

Syllabus The growth of the mental health services, including the child guidance services, as a background against which the present services can be studied. A general survey of the present services, both statutory and voluntary, and of the legislation governing mental treatment and the care of the mentally subnormal.

Recommended reading G. Zilboorg and G. W. Henry, *A History of Medical Psychology*; K. Jones, *Lunacy, Law and Conscience; Mental Health and Social Policy, 1845-1959*; A. M. and A. D. B. Clarke, *Mental Deficiency* (2nd edn., 1965); Feversham Committee, *Voluntary Mental Health Services; Report of the Royal Commission on Lunacy and Mental Disorder* (Cmd. 2700, 1926); *Report of the Royal Commission on the Law relating to Mental Illness and Mental Deficiency, 1954-1957* (Cmd. 169); *Report of the Committee on Maladjusted Children* (Underwood Report), 1955; N. Timms, *Psychiatric Social Work in Great Britain*.

771 Social Work and Social Problems

Mr Timms. Michaelmas Term.

772 Applied Physiology

Dr Cooper. Eight lectures, Lent Term.

Syllabus The integrative action of the nervous system: motor and sensory function. The borderlines of physiology and psychology. Consciousness and its disturbances. The part played by endocrine and other somatic factors in psychological processes, including the responses to emotional stress. Some physiological principles underlying physical treatment in psychiatry.

Recommended reading W. B. Cannon, *The Wisdom of the Body*; O. L. Zangwill, *Introduction to Modern Psychology*; S. Cobb, *Emotions and Clinical Medicine*.

773 Child Development

Miss Elkan. Ten lectures, Michaelmas Term.

Social Science and Administration

This course may be attended by one-year students reading for the Diploma in Social Administration.

Syllabus Inter-relation of the biological, emotional, social and intellectual aspects of normal development. The role of environment. Methods of studying the psychology of children. Descriptive pictures of typical growth processes and modes of behaviour in infancy, early childhood, latency and adolescence. Discussion of common difficulties. Dependency and maternal care in infancy and early childhood. Physical and emotional growth and its relation to bodily skills, play, intellectual processes, language development and social relationships. Learning and group life in the middle years of childhood. Interaction of home and school. Characteristics of adolescence. The move towards independence via maturity of thought and reasoning, the emergence of stable interests and group loyalties. Emotional intensity and friendships in adolescence. The concept of emotional balance and independence.

Recommended reading R. W. B. Ellis (Ed.), *Child Health and Development*; B. Spock, *The Pocket Book of Baby and Child Care*; G. Caplan, *Emotional Problems of Early Childhood*; S. Fraiberg, *The Magic Years*; J. and E. Newson, *Infant Care in an Urban Community*; D. Burlingham and A. Freud, *Infants without Families*; A. L. Gesell et al., *The First Five Years of Life*; *The Child from Five to Ten*; *Youth: the Years from Ten to Sixteen*; S. S. Isaacs, *Social and Emotional Development in Young Children*; *Intellectual Growth in Young Children*; D. W. Winnicott, *The Child and the Family*; *The Child and the Outside World*; *The Family and Individual Development*; I. M. Josselyn, *Psychosocial Development of Children*; *The Adolescent and his World*; J. Piaget, *The Origins of Intelligence in Children*; P. Blos, *On Adolescence*; R. J. Havighurst and H. Taba, *Adolescent Character and Personality*; A. Solnit and S. Provence, *Modern Perspectives in Child Development*; A. Freud, *Normality and Pathology in Childhood*.

Published annually: *The Psychoanalytic Study of the Child*; *Journal of Child Psychotherapy*.

774 Clinical Aspects of Child Development

Dr Winnicott. Fourteen lectures, Michaelmas and Lent Terms.

Syllabus Theory of emotional development of infant and child. Evaluation of the environmental factor. Health in terms of emotional maturity and ill-health in terms of distortions in emotional growth. Classification according to the specific needs of each case. Clinical material illustrating health and ill-health at various ages; interview reports with discussion of technique. Etiology of psycho-neurosis, antisocial tendency and psychosis. The effect of physical disease and of mental defect on the personal pattern of defence against anxiety.

775(a) Psychiatry

Dr Kräupl Taylor. Twelve lectures, Michaelmas and Lent Terms. Demonstrations will be held weekly at the Maudsley Hospital.

Syllabus The phenomena of mental illness and the historical development of psychiatry. The different classifications of mental illness. Causation and treatment of different psychiatric conditions. Social aspects of mental illness and the place of the social worker in its investigation, treatment and prevention. Mental Health Diploma students also attend regular clinical demonstrations.

Recommended reading D. Stafford-Clark, *Psychiatry Today*; W. Mayer-Gross, E. Slater and M. Roth, *Clinical Psychiatry*; R. D. Curran and M. Partridge, *Psychological Medicine*; E. W. Anderson, *Psychiatry*; F. Kräupl Taylor, *Psychopathology*.

(b) Special Problems in Psychiatry

Various lecturers. Five lectures, Lent Term.

776 Social and Psychological Aspects of Mental Subnormality
Mr Mittler. Five lectures, Lent Term.

Syllabus The aetiology and classification of the various forms of mental subnormality. Social aspects of mental subnormality and the various methods of treatment and care of subnormal people in our society.

Recommended reading TEXTBOOKS: M. and A. D. B. Clarke, *Mental Deficiency: the Changing Outlook* (2nd edn.); T. Hilliard and B. Kirman, *Mental Deficiency* (2nd edn.). SOCIAL PROBLEMS AND SOCIAL SERVICES: J. Tizard, *Community Services for the Mentally Handicapped*; J. Tizard and J. Grad, *The Mentally Handicapped and their Families: a Social Survey; The Needs of Mentally Handicapped Children* (Report of a Paediatric Society Working Party, 1962); H. Freeman and J. Farndale (Eds.), *Trends in the Mental Health Services* (Fabian Research Series 252); H. C. Gunzburg, *The Social Rehabilitation of the Subnormal*. EDUCATION: A. E. Tansley and R. Gulliford, *The Education of the Slow-Learning Child*; S. A. Kirk, *The Early Education of the Mentally Retarded*; M. Neale and W. J. Campbell, *The Education of the Intellectually Limited Child and Adolescent*. ADMINISTRATION: *A Hospital Plan for England and Wales* (Cmd. 1602, 1962); *Health and Welfare: The Development of Community Care* (Cmd. 1973, 1963) (Revision to 1974).

777 Marital Relationships

Mr Woodhouse. Three lectures, Summer Term.

Syllabus The nature of marital choice. Conscious and unconscious drives towards maturation and towards solving emotional problems from the past. Gratification and frustration; role-playing and adaptation; points of stress; interaction, collusion and projection. Pressures of social environment.

Recommended reading E. J. Bott, *Family and Social Network*; H. V. Dicks "Experiences with Marital Tension Seen in the Psychological Clinic" (*British*

Journal of Medical Psychology, Vol. XXVI); N. W. Ackerman, F. L. Beatman and S. N. Sherman (Eds.), *Exploring the Base for Family Therapy*; S. Freud, *Introductory Lectures on Psycho-Analysis*; M. Klein and J. Riviere, *Love, Hate and Reparation*; M. Klein, *Envy and Gratitude: A Study of Unconscious Sources*; M. Young and P. Willmott, *Family and Kinship in East London*; Family Discussion Bureau, *Social Casework in Marital Problems; Marriage: Studies in Emotional Conflict and Growth; The Marital Relationship as a Focus for Casework*; E. Balint and D. L. Woodhouse, "How Will This Marriage Work?" Parts I and II (*Social Work*, October 1962); K. Bannister and L. Pincus, *Shared Phantasy in Marital Problems: Therapy in a Four-person Relationship* (for Family Discussion Bureau); H. V. Dicks, "World Wide Problems: Marriage Relationships in Different Cultures" (*Social Work*, October 1962); H. V. Dicks, "Sexual Problems in Marriage" (*Proceedings*, Royal Soc. Med. 1959); H. V. Dicks, "Object Relations Theory and Marital Status" (*Brit. J. Med. Psychol.* 1963); B. Ellis, "Unconscious Collusion in Marital Interaction" (*Social Casework*, 1964); E. H. Erikson, *Childhood and Society* (2nd edn., 1963); M. E. Huneus, "A Dynamic Approach to Marital Problems" (*Social Casework*, 1963); J. D. Sutherland, "Psychotherapy and Social Casework" in E. M. Goldberg et al. (Eds.), *The Boundaries of Casework* (Association of Psychiatric Social Workers, 1956); D. L. Woodhouse, "Psychiatric Influence in Community Services" (No. II in Association of Psychiatric Social Workers, *Ventures in Professional Co-operation*).

778 Psychology of Personality

Mr Gwynne Jones. Eight lectures, Summer Term.

Syllabus Assuming some basic knowledge of general and social psychology, this course examines intelligence, its nature and measurement. Concepts of personality and its measurement in a clinical situation. Personality disorders and neurosis from the behaviourist's standpoint; behaviour therapy.

Recommended reading A bibliography will be given at the beginning of the course.

779 Principles and Practice of Social Casework

Miss Bell, Miss Butrym, Miss Elkan, Mr Gregory and Miss Parsloe. Weekly seminars, Sessional, jointly with the Applied Social Studies Course.

Syllabus The aim of the seminars is to provide the necessary background theory through a study of casework concepts and methods. They are closely related to the various lecture courses and form a bridge between these and fieldwork.

780 Social Work in Psychiatric Settings (Seminar)

Mrs McDougall, Miss Parsloe and Mr Gregory. Michaelmas Term.

Syllabus Special aspects of social work in psychiatric settings: child guidance, psychiatric and general hospitals, local

Field Work Supervisors to the Mental Health Course

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|------------------------|---|---------------------------------------|
| Miss I. Bergman | } | Maudsley Hospital, |
| Miss M. Eden | | Denmark Hill, S.E.5. (Adults) |
| Miss M. Malherbe | | |
| Mrs L. Harvey | } | Maudsley Hospital, |
| Mrs F. Sussenwein | | Denmark Hill, S.E.5. (Children) |
| Miss I. Tamblyn | } | Child Guidance Training Centre, |
| Miss M. Turnbull, B.A. | | 33, Daleham Gardens, N.W.3. |
| Miss M. Weiss, B.A. | | |
| Mrs B. Knock | | Cane Hill Hospital, |
| | | Surrey. |
| Mrs M. Abramsky | | Royal Free Hospital, |
| | | Grays Inn Road, W.C.1. |
| Mrs F. Mendoza | } | Department of Psychological Medicine, |
| Miss E. N. Morton | | University College Hospital, |
| | | 23, Devonshire Street, W.1. |
| Miss J. Ford | | Child Guidance Clinic, |
| | | Monoux Building, |
| | | High Street, E.17. |

authorities. The hospital as a social institution and the professional disciplines involved. The legal framework and compulsion, present trends and practice.

781 Common Factors in Social Work Settings

Miss Bell, Miss Butrym, Mr Gregory, Mrs Thomas and Mr Timms. Lent Term, jointly with Applied Social Studies students.

Syllabus Such general concepts as authority, decision-making and collaboration, applied to the different settings in which social workers are employed.

782 Introduction to Social Casework

Miss Butrym. Five lectures, Michaelmas Term.

783 Introduction to Community Work

Mr Hodge. Four lectures, Michaelmas Term.

Miss J. Barton }
Miss D. Perry }
Mrs B. Litauer

Belgrave Hospital for Children,
1 Clapham Road, S.W.9.

Wimbledon Child Guidance Clinic,
All Saints Road, S.W.19.

Miss M. M. Bailey }
Miss C. M. Brook }

Academic Department of Psychiatry,
Middlesex Hospital Medical School,
W.1.

Diploma in Applied Social Studies

Note Lectures and seminars numbered 801 to 809 are restricted to students registered for this course.

801 Principles and Practice of Social Casework

Miss Bell, Miss Butrym, Miss Elkan, Mr Gregory and Miss Parsloe. Weekly seminars will be held throughout the session jointly with the Course for Social Workers in Mental Health. For details see Course No. 779.

802 Human Growth and Development

Dr Stewart Prince. Twenty-eight lectures, Sessional.

Syllabus The biological and psychological development of the individual from birth until old age, and the relevance of modern theories of personality to each phase of development. Psychoanalytic theory and its derivatives. Deviations from the normal commonly met with in social work practice. Parent-child relationships, family dynamics and the psychology of marriage. The implications of such adverse experience as emotional deprivation, illness, bereavement and placement in an abnormal environment.

803 A Clinical Approach to Family Problems

Dr Winnicott. Ten lectures, Lent and Summer Terms.

Syllabus Clinical case material is used to study the dynamics of family life and the integrative and disruptive factors in the relationships between parents and children. Specific problems in development and relationships between emotional factors and physical disease. A classification of psychiatric disorders in children.

804 Problems of Health and Disease

(i) Dr Horder. Ten lectures, Michaelmas Term.

Syllabus The basic principles underlying health and ill-health. The physiology and pathology of the main systems of the body and the incidence of the more common diseases in the different age groups. The interaction of medical, social and emotional factors.

(ii) Various medical lecturers. Summer Term.

Primarily intended for medical social work students.

Syllabus This course is given by specialists in various fields of medicine and is based on a more detailed approach to the subjects chosen.

805 Social Administration and Social Policy

Professor Donnison, Dr Parker and Mr Plowman. Michaelmas and Lent Terms.

Syllabus A study of administrative concepts and processes, and an examination of the problems arising in the administration of local units of the social services. The relation between administrative structure and social policy; the part played by councillors and committee members, administrators, social workers and other professional staff; co-operation between

agencies; the responsibility of the social work profession for research and reform.

Recommended reading L. Urwick and L. H. Gulick (Eds.), *Papers on the Science of Administration*; M. P. Follett, *Dynamic Administration*; H. Stein (Ed.), *Public Administration and Policy Development*; H. A. Simon, *Administrative Behaviour*; K. C. Wheare, *Government by Committee*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*; A. H. Birch, *Small Town Politics*; F. M. G. Willson, *Administrators in Action*.

806 The Law and Court Procedure

Mrs Aikin. Michaelmas Term.

Syllabus The general principles of law and of court practice, with particular reference to family law, and to the constitution, jurisdiction and powers of magistrates' courts, including juvenile courts.

Recommended reading G. L. Williams, *Learning the Law* (6th edn.) and the *Report of the (Ingleby) Committee on Children and Young Persons* (Cmnd. 1191, October, 1960) should be read before attending the course.

FURTHER READING: A. C. L. Morrison, *Notes on Juvenile Court Law*; R. M. Jackson, *The Machinery of Justice in England* (3rd edn.); W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children and Young Persons* (6th edn.).

807 Social Work within Medical Care (Seminar)

Miss Butrym. Summer Term.

Syllabus The medical social worker's function as a social worker in a medical setting in the light of history and with special emphasis on present trends and practice. The characteristics of the hospital as a social institution in which many professional disciplines are making their specific contributions to a common purpose, and the principles inherent in effective "teamwork". Variations in response to illness and the impact of the hospital atmosphere on both patients and staff. The medical social worker's

contribution to community care in the light of existing needs and current legislative and administrative developments.

808 Social Work in the Child Care Service (Seminar)

Mrs Thomas. Summer Term.

Syllabus Recent developments and present trends in the child care service including a study of the problems of meeting individual and family needs within the administrative framework of the service as it is today. The various family problems behind applications for reception into care, and the different objectives in working with different families. Methods of care available today and their relative values in relation to the problems presented.

809 Social Work in the Probation and After-Care Service (Seminar)

Miss Parsloe. Summer Term.

Syllabus The meaning for social work of a setting within the authority structure of the Courts and penal system. The implications for social work help of theories about the nature and cause of delinquency. Social work within penal institutions and the special problems of after-care.

Recommended reading J. F. S. King (Ed.), *The Probation Service*; W. A. Elkin, *The English Penal System*; H. Jones, *Crime and the Penal System*; United Nations, *Probation and Related Measures*.

GOVERNMENT PUBLICATIONS: Home Office, *Prisons and Borstals (England and Wales)*, 1957; *After-Care and Supervision of Discharged Prisoners*, 1958; *Treatment of Young Offenders*, 1959; *Penal Practice in a Changing Society*, 1959; *Disturbances at the Carlton Approved School* (Cmnd. 937); *Report of the Committee on Children and Young Persons* (Cmnd. 1191); *Report of the Interdepartmental Committee on the Business of the Criminal Courts* (Cmnd. 1289); *Report of the Departmental Committee on the Probation Service* (Cmnd. 1650).

FOR REFERENCE: W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children* (6th edn.).

Students are also expected to attend the following courses:

No. 771 Social Work and Social Problems.

No. 775(a) Psychiatry

No. 777 Marital Relationships

No. 781 Common Factors in Social Work Settings

No. 782 Introduction to Social Casework

GRADUATE COURSES

811 Social Work Education

Mrs McDougall, Miss Butrym and others. Weekly seminars, Sessional.

812 Research in Social Welfare

Mr Timms, Mr Plowman and others. Weekly seminars, Lent and Summer Terms.

Supervisors to the Course in Applied Social Studies

Mrs M. Martyr	Senior Probation Officer, Hertfordshire Probation Service.
Miss F. E. Ney	Senior Child Care Officer, Children's Department, London Borough of Tower Hamlets.
Miss S. M. Poupard	Senior Child Care Officer, Children's Department, London Borough of Wandsworth.
Miss U. Behr	Senior Child Care Officer, Children's Department, Essex.
Miss J. W. Browning	} Medical Social Workers, Middlesex Hospital.
Miss L. Weiss	
Miss J. Wilson	
Mrs G. M. Bridge	Unit Supervisor, Department of Medical Social Work, Hammersmith Hospital. Medical Social Worker, St. George's Hospital.
Mrs P. Thomas	} Family Caseworkers, Family Welfare Association, London.
Miss L. Morris	
Mrs R. M. C. Welldon	
Miss A. B. Lloyd Davies		Psychiatric Social Worker, Invalid Children's Aid Association.

813 Methods of Social Work

Mrs McDougall, Mr Gregory, Miss Bell and others. Weekly seminars, Sessional.

814 Social Administration

Miss Bell, Professor Donnison and Dr R. A. Parker. Eight seminars, Lent and Summer Terms.

815 Group Dynamics

Miss Parsloe. Dates to be arranged.

816 Social Work and Social Problems

Lecturer to be announced. Lent Term.

817 Social Work, Principles and Practice

Lecturer to be announced. Summer Term.

Sociology

830 Elements of Social Structure

Mr de Kadt. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I: alternative subject 6, Elements of Social Structure I; B.Sc. (Econ.) Part II: Elements of Social Structure II, I 3h; III 3g; VI 8g (second year); B.A./B.Sc. (Soc.) Branches I and II, 1 (first year); B.Sc. (Geog.) C 23; B.Sc. (Soc.) Branch III, 6 (second year); Dip. Personnel Management; Dip. Soc. Admin., incl. Overseas Option (one-year and first year); Students are recommended also to attend Course No. 832.

Syllabus Sociological contributions to the study of society: selected problems and their social context. Traditional society and underdevelopment. Industrialization and social change. The family, social stratification and mobility in a comparative perspective. Bureaucracy and the welfare state: the rise of citizenship. Religious institutions. Individual deviance as contrasted with social conflict: persistent problems of "affluent societies".

Recommended reading E. A. Gellner, Thought and Change; P. K. Hatt and A. J. Riess, Cities and Society (2nd edn.); H. M. Johnson, Sociology; T. H. Marshall, Sociology at the Crossroads; R. K. Merton and R. A. Nisbet, Contemporary Social Problems (2nd edn.).

The following books are published as paperbacks: M. Banton, Race Relations; R. Bendix and S. M. Lipset, Social Mobility in Industrial Society; P. M. Blau, Bureaucracy in Modern Society; G. Breese, Urbanisation in Newly Developing Countries; T. B. Bottomore, Elites and Society; E. Chinoy, Sociological Perspective; S. Cotgrove, The Science of Society; A. Etzioni, Modern Organisations; S. E. Finer, The Man on Horseback; R. Frankenberg, Communities in Britain; J. K. Galbraith, The Affluent Society; A. Gerschenkron, Economic Backwardness in Historical Perspective; R. T. Gill, Economic Development, Past and Present; W. J. Goode, The Family; A. H. Halsey, J. Floud and C. A. Anderson (Eds.), Education, Economy and Society; K. B. Mayer, Class and Society; W. E. Moore,

The Impact of Industry; W. E. Moore, Social Change; T. O'Dea, The Sociology of Religion; W. W. Rostow, The Stages of Economic Growth; G. Sykes, Crime and Society; R. Titmuss, Essays on the Welfare State; M. J. Tumin, Social Stratification; D. H. Wrong and H. F. Gracey, Readings in Introductory Sociology; D. H. Wrong, Population and Society; J. M. Yinger, Sociology Looks at Religion.

830(a) Elements of Social Structure I (Classes)

Sessional, beginning in the fifth week of the Michaelmas Term.

For B.Sc. (Econ.) Part I; B.A./B.Sc. (Soc.) Branches I and II (first year).

831 Elements of Social Structure II (Classes)

(a) Five classes, Summer Term.

For B.Sc. (Econ.) Part II: Elements of Social Structure II, I 3h; III 3g; VI 8g (second year).

(b) Further classes will be held in the Michaelmas and Lent Terms for students in their third year.

832 Introduction to Sociological Theory

Mr Hopper. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branches I and II, 1; Branch III 6 (first year); B.Sc. (Soc. Anth.) Part II, 3c (second year); Dip. Personnel Management. Recommended for all students attending Course No. 830.

Syllabus Science and the scientific enterprise. The role of theory in scientific explanations. The special characteristics of social science. Sociology as one of the social sciences: its development and its relationship to other social sciences. The social nature of man: sociological explanation, psychological explanation, and the problem of reductionism. Some basic concepts in Sociology. Detailed examination of selected problems in light of the foregoing: social stratification, and anomie.

Recommended reading will be given during the course.

833 Social Theory

Dr Cohen. Twenty lectures, Lent Term.

For B.Sc. (Soc.) Branch III, 6 (third year).

Syllabus Nature of social explanation. Distinction between scientific and normative goals of social theory. Holistic and action approaches. Theories of social change. Relevance of psychology for explaining social phenomena. Nature of social facts. Problem of objectivity. Sociology, ideology, moral philosophy and social policy.

Recommended reading M. Black (Ed.), *The Social Theories of Talcott Parsons*; P. S. Cohen, *Modern Social Theory*; E. A. Gellner, *Thought and Change*; M. Ginsberg, *Essays in Sociology and Social Philosophy*; D. G. MacRae, *Ideology and Society*; R. K. Merton, *Social Theory and Social Structure*; R. A. Nisbet, *The Sociological Tradition*; Emile Durkheim; K. R. Popper, *The Open Society and its Enemies*; *Poverty of Historicism*; J. Rex, *Key Problems of Sociological Theory*; W. G. Runciman, *Social Science and Political Theory*; W. J. H. Sprott, *Science and Social Action*.

Note on Social Philosophy Courses

Courses Nos. 834(i)-837 are intended principally for students reading sociology, and the main criterion governing content is relevance to sociology. The aim is to give students a general idea of the conceptual and ethical problems which arise in the study of society, so that they will be able to recognize these problems and to relate them both to major philosophies and to their own more concrete work in sociology.

Recommended reading This reading list is not definitive. No student would be expected to read *all* these books. Every student would be likely to consult a number of sources not listed here. The

aim has been to list most of the main books which students may be recommended to read or refer to, with the exception of some obviously relevant works on the Theories and Methods of Sociology which it would be tedious to list here as well as under the course of that name. Articles in journals are not listed: references will be given during the courses. Some main journals in which relevant articles are likely to be found (apart from the standard sociological journals) are: *British Journal for the Philosophy of Science*; *Ethics*; *History and Theory*; *Inquiry*; *Mind*; *Philosophical Review*; *Philosophy*; *Philosophy of Science*; *Philosophy and Phenomenological Research*; *Proceedings of the Aristotelian Society* and *Ratio*.

(i) SHORT INTRODUCTORY WORKS: R. G. Collingwood, *An Autobiography*; A. C. Ewing, *Ethics*; W. K. Frankena, *Ethics*; C. G. Hempel, *Philosophy of Natural Science*; J. D. Mabbott, *An Introduction to Ethics*; J. H. Plumb (Ed.), *Crisis in the Humanities*; R. S. Rudner, *Philosophy of Social Science*; J. Wilson, *Thinking with Concepts*.

(ii) WORKS WRITTEN AS OR USABLE AS TEXTBOOKS: S. I. Benn and R. S. Peters, *Social Principles and the Democratic State*; C. D. Broad, *Five Types of Ethical Theory*; E. A. Gellner, *Thought and Change*; J. Hospers, *Human Conduct: An Introduction to the Problems of Ethics*; A. C. MacIntyre, *A Short History of Ethics*; A. C. R. G. Montefiore, *A Modern Introduction to Moral Philosophy*.

(iii) BOOKS OF READINGS: R. B. Brandt (Ed.), *Social Justice*; D. Braybrooke (Ed.), *Philosophical Problems of the Social Sciences*; W. H. Dray (Ed.), *Philosophical Analysis and History*; H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*; P. R. Foot (Ed.), *Theories of Ethics*; P. L. Gardiner (Ed.), *Theories of History*; D. F. Gustafson (Ed.), *Essays in Philosophical Psychology*; S. Hook (Ed.), *Determinism and Freedom in the Age of Modern Science*; T. P. R. Laslett (Ed.), *Philosophy, Politics and Society*; T. P. R. Laslett and W. G. Runciman (Eds.), *Philosophy, Politics and Society (Second Series and Third Series)*; A. I. Melden (Ed.), *Ethical Theories: A Book of Readings*; H. Meyerhoff (Ed.),

The Philosophy of History in our Time; M. Natanson (Ed.), *Philosophy of the Social Sciences*; F. A. Olafson (Ed.), *Society, Law and Morality: Readings in Social Philosophy*; W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory*; A. R. White (Ed.), *The Philosophy of Action*.

(iv) RECENT COMMENTARIES AND SURVEYS: P. Corbett, *Ideologies*; M. W. Cranston, *Freedom: A New Analysis*; A. P. d'Entrèves, *Natural Law*; E. Fromm, *Sigmund Freud's Mission*; W. H. Greenleaf, *Oakeshott's Philosophical Politics*; D. Lyons, *Forms and Limits of Utilitarianism*; W. J. M. Mackenzie, *Politics and Social Science*; J. P. Plamenatz, *Man and Society*; J. P. Plamenatz, *The English Utilitarians*; W. G. Runciman, *Social Science and Political Theory*; H. M. Warnock, *Ethics since 1900*.

(v) SELECTED STANDARD WORKS: Aristotle, *The Nicomachean Ethics*; J. Bentham, *An Introduction to the Principles of Morals and Legislation*; J. Butler, *Sermons on Human Nature*; D. Cauter (Ed.), *Essential Writings of Karl Marx*; E. Durkheim, *Sociology and Philosophy*; S. Freud, *Civilisation and Its Discontents*; T. Hobbes, *Leviathan* (Ed. M. J. Oakeshott); E. J. E. Hobsbawm (Ed.), *Karl Marx: Pre-Capitalist Economic Formations*; D. Hume, *A Treatise of Human Nature, being an attempt to introduce the experimental method of reasoning into moral subjects*; I. Kant, *Groundwork of the Metaphysics of Morals* (Ed. H. J. Paton); I. Kant, *The Doctrine of Virtue* (Trans. M. J. Gregor); W. A. Kaufmann (Ed.), *Hegel: Reinterpretation, Texts and Commentary*; K. Marx and F. Engels, *The German Ideology*; J. S. Mill, *Utilitarianism, Liberty and Representative Government*; G. E. Moore, *Principia Ethica*; Plato, *The Republic*; M. Weber, *The Methodology of the Social Sciences*; E. A. Westermarck, *Ethical Relativity*.

(vi) RECENT WORKS: D. E. Apter, *The Politics of Modernisation*; J. L. Aranguren, *Human Communication*; R. Aron, *The Opium of the Intellectuals*; A. J. Ayer, *Language, Truth and Logic*; B. M. Barry, *Political Argument*; J. F. Bennett, *Rationality*; P. L. Berger, *Invitation to Sociology: A Humanistic Perspective*; P. L. Berger and T. Luckmann, *The Social*

Construction of Reality; I. Berlin, *Four Essays on Liberty*; R. B. Brandt, *Hopi Ethics*; J. W. Burrow, *Evolution and Society*; M. J. Cowling, *Mill and Liberalism*; M. J. Cowling, *The Nature and Limits of Political Science*; B. R. Crick, *In Defence of Politics* (Pelican edn.); C. A. R. Crosland, *The Future of Socialism*; R. A. Dahl, *Preface to Democratic Theory*; A. C. Danto, *Analytical Philosophy of History*; P. A. Devlin, *The Enforcement of Morals*; M. Djilas, *The New Class*; M. M. and A. Edel, *Anthropology and Ethics*; D. Emmet, *Rules, Roles and Relations*; L. S. Feuer, *Psychoanalysis and Ethics*; J. C. Flugel, *Man, Morals and Society*; W. B. Gallie, *Philosophy and the Historical Understanding*; P. L. Gardiner, *The Nature of Historical Explanation*; M. Ginsberg, *Essays in Sociology and Social Philosophy* (3 vols.); M. Ginsberg, *On Justice in Society*; L. Goldmann, *The Hidden God*; M. J. Gregor, *Laws of Freedom*; R. M. Hare, *The Language of Morals*; R. M. Hare, *Freedom and Reason*; H. L. A. Hart, *The Concept of Law*; H. L. A. Hart, *Law, Liberty and Morality*; H. L. A. Hart, *The Morality of the Criminal Law*; L. T. Hobhouse, *The Metaphysical Theory of the State*; E. Kamenka, *The Ethical Foundations of Marxism*; E. Kedourie, *Nationalism*; H. Kohn, *Nationalism: Its Meaning and Origins*; T. S. Kuhn, *The Structure of Scientific Revolutions*; J. Ladd, *The Structure of a Moral Code*; G. Lichtheim, *Marxism*; A. R. Louch, *Explanation and Human Action*; A. Macbeath, *Experiments in Living*; A. C. MacIntyre, *The Unconscious: A Conceptual Analysis*; C. B. Macpherson, *The Political Theory of Possessive Individualism*; K. Mannheim, *Ideology and Utopia*; H. Marcuse, *One-Dimensional Man*; H. Marcuse, *Reason and Revolution*; K. R. Minogue, *The Liberal Mind*; R. E. Money-Kyrle, *Man's Picture of the World*; R. E. Money-Kyrle, *Psychoanalysis and Politics*; E. Nagel, *The Structure of Science*; M. J. Oakeshott, *Rationalism in Politics and Other Essays*; T. Parsons, *The Structure of Social Action*; K. R. Popper, *The Open Society and Its Enemies*; K. R. Popper, *The Poverty of Historicism*; A. N. Prior, *Logic and the Basis of Ethics*; M. Richter, *The Politics of Conscience*.

Sociology

T. H. Green and His Age; G. Sartori, *Democratic Theory*; J.-P. Sartre, *The Problem of Method* (Trans. H. E. Barnes); W. J. H. Sprott, *Science and Social Action*; C. L. Stevenson, *Facts and Values: Studies in Ethical Analysis*; S. Strasser, *Phenomenology and the Human Sciences*; J. L. Talmon, *The Origins of Totalitarian Democracy*; J. L. Talmon, *Political Messianism: The Romantic Phase*; R. M. Tucker, *Myth and Reality in Karl Marx*; C. H. Waddington *et al.*, *Science and Ethics*; P. G. Winch, *The Idea of a Social Science*.

834 (i) Introduction to Social Philosophy

Mr Newfield. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (second year); B.A./B.Sc. (Soc.) Branch I, 4 and Branch II, 3 (first year).

Syllabus The first part of this course is concerned with making explicit and systematically examining certain assumptions implicit in widely-held belief systems like Marxism, utilitarianism, Platonism, moral relativism, empiricism, positivism and religion. The second part treats in more detail some main ethical theories and their background in the general philosophy of their authors, considerable attention being given to the connections between these theories and sociology.

Recommended reading See Note on pages 494-6. Further references for reading will be given during the course.

834 (ii) Social Philosophy

Mr Newfield. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Social Philosophy* IX 5; B.A./B.Sc. (Soc.) Branch I, 4 and Branch II, 3 (second year).

835 Structure of Ethical Theories

Professor Gellner. Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5

(third year); *Moral and Political Philosophy*, XVI 4a (second year); B.A./B.Sc. (Soc.) Branch I, 4 and Branch II, 3 (second year); B.A. Phil. and Econ. (third year).

Syllabus Selected recent or contemporary social philosophies will be discussed.

Recommended reading See Note on pages 494-6. Further references for reading will be given during the course.

836 Concepts of Society

Professor Gellner. Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Theories and Methods of Sociology*, IX 4; *Philosophy of Social Knowledge*, XVI 8a (third year); B.A./B.Sc. (Soc.) Branches I and II, 1 (third year; optional for second year); M.Sc.: *Theories and Concepts of Political Sociology*, XVIII 3(xi); *Political Stability and Change*, XVIII 3(xii); *The Study of Political Behaviour*, XVIII 3(xiii); *Political Sociology*, XIV 4.

Syllabus Theories concerning the specific character of social knowledge and their methodological implications; discussion of the use of philosophical theories of knowledge for purposes of legitimation.

Recommended reading See Note on pages 494-6. Further references for reading will be given during the course.

837 Social Philosophy Classes

(a) Fortnightly, Sessional.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (second year); B.A./B.Sc. (Soc.) Branch I, 4 and Branch II, 3 (first year).

(b) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Social Philosophy*, VI 8f; VII 7 and 8l; IX 5 (third year); B.A./B.Sc. (Soc.) Branch I, 4 and Branch II, 3 (second year).

838 The Theories and Methods of Sociology

Dr Clifford-Vaughan. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Theory and*

Sociology

Methods of Sociology, IX 4; *Philosophy of Social Knowledge*, XVI 8a (second year); B.A./B.Sc. (Soc.) Branch I, 1 and Branch II, 1 (second year); B.Sc. (Soc. Anth.) Part II, 3c (second year); Dip. Soc. Anth. (second year). Recommended for M.Sc.: *Political Sociology*, XIV 4; *Sociological Theory*, XVIII 1 (preliminary year).

Syllabus Nature and roles of sociological theory. Fundamental problems of sociological theory. Main types of theory of social structure, change and development.

Recommended reading E. Durkheim, *The Rules of Sociological Method*; *The Division of Labour in Society*; *Suicide*; *Elementary Forms of the Religious Life*; C. C. A. Bouglé, *Bilan de la Sociologie Française Contemporaine*; T. B. Bottomore and M. Rubel (Eds.), *Karl Marx: Selected Writings in Sociology and Social Philosophy*; S. Ossowski, *Class Structure in the Social Consciousness*; K. Marx, *The 18th Brumaire of Louis Bonaparte*; I. Plamenatz, *German Marxism and Russian Communism*; R. Tucker, *Philosophy and Myth in Karl Marx*; K. Wolff (Ed.), *The Sociology of Georg Simmel*; G. Simmel, *Conflict and The Web Group of Affiliations*; F. Toennies, *Community and Association*; H. H. Gerth and C. Wright Mills (Eds.), *From Max Weber*; M. Weber, *The Theory of Social and Economic Organization*; R. Aron, *German Sociology: Main Currents in Sociological Thought*; T. Parsons, *The Structure of Social Action*; R. Bendix, *Max Weber: An Intellectual Portrait*; R. K. Merton, *Social Theory and Social Structure*; J. A. Rex, *Key Problems of Sociology*; R. Bottomore, *Sociology: An Introduction to its Problems and Literature*; T. Abel, *Systematic Sociology in Germany*; J. S. Mill, *A System of Logic* (Book VI, *On the Logic of the Moral Sciences*); K. R. Popper, *The Poverty of Historicism*; M. Weber, *The Methodology of the Social Sciences*; P. Winch, *The Idea of a Social Science and its Relation to Philosophy*; R. Fletcher, *Auguste Comte and the Making of Sociology*; V. Pareto, *Mind and Society* (Book IV); S. Finer, *Pareto: Sociological Writings*; J. H. Meisel, *Pareto and Mosca*; E. Halévy, *The Growth of Philosophic Rationalism*; G. Cairns, *Philosophies of History*; L. Hobhouse,

Morals in Evolution; P. Laslett and W. Runciman, *Philosophy, Politics and Society*.

838(a) Theories and Methods of Sociology (Class)

Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Theory and Methods of Sociology*, IX 4.

839 General Sociology Classes

Sessional.

For B.A./B.Sc. (Soc.) Branches I and II (second and third years).

840 Environment and Heredity

Professor Glass. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Theory and Methods of Sociology*, IX 4 (second year); B.A./B.Sc. (Soc.) Branches I and II, 1 (first year).

Syllabus Elements of human genetics. Difficulties of analysis when graded characters are concerned. The meaning and measurement of "environment". Alternative approaches to the study of the "nature-nurture" complex. Twin and foster-child studies. The use of follow-up inquiries. Specific illustrations of problems of analysis with reference to the trend of intelligence and to "problem families".

Recommended reading Introductory references: L. S. Penrose, *Outline of Human Genetics*; *The Biology of Mental Defect*; C. Stern, *Principles of Human Genetics*; W. C. Boyd, *Genetics and the Races of Man*; J. Sutter, *L'Eugénique*; R. S. Woodworth, *Heredity and Environment*.

Other references will be given during the course.

841 Comparative Social Institutions

Dr Cohen. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 3 and Branch II, 2 (third year); M.Sc.: *Sociology* (preliminary year).

Syllabus A comparative analysis of the

relationship between power, property and ranking in simple and complex non-industrial societies. The bearing of such comparisons on certain theoretical problems concerning the relationship between coercion, commitment and inducement in social systems. A comparative analysis of the nature and function of family and kinship structures in simple and complex societies. The relevance of the study of non-industrial societies for the understanding of processes of modernization. Methodological issues concerning the nature and types of comparative method in Sociology.

Recommended reading K. A. Wittfogel, *Oriental Despotism*; S. M. Eisenstadt, *The Political Systems of Empires*; M. Bloch, *Feudal Society*; M. N. Srinivas, *Caste in Modern India, and Other Essays*; A. de Reuck (Ed.), *Caste and Race: Comparative Approaches*; R. Fox, *Kinship and Marriage*.

841(a) Comparative Social Institutions (Classes)

Ten classes, Lent Term.

For B.A./B.Sc. (Soc.) Branches I and II (third year).

842 The Social Structure of Modern Britain

Mr Westergaard and Mr Burrage. Thirty-three lectures, Sessional.

For B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6; X 1 and 2e; B.A./B.Sc. (Soc.) Branch I, 7 and 8a; B.Sc. (Soc.) Branch III, 6 (second year); B.Sc. (Geog.) C 24; Dip. Soc. Admin. (second year and one-year).

Syllabus The recruitment and distribution of the population; demographic changes and their social significance; the family: its structure and functions. Urban concentration and diffusion; land use planning and its social implications. Concepts of stratification and contemporary issues; the economic basis of stratification; élites and the distribution of power; social mobility; cultural differences and the relations between classes; the influence of the educational system. Changes in industrial structure, including

forms of ownership and control; changes in occupational structure and in the nature and distribution of skills; the system of industrial relations.

The religious and moral codes; church, family and school as agencies of social control. The institutions of public justice. Communication and mass media.

Recommended reading G. M. Young, *Victorian England*; E. J. Hobsbawm, *Labouring Men*; A. M. Carr-Saunders and others, *A Survey of Social Conditions in England and Wales*; *Report of the Royal Commission on Population* (Cmd. 7695); J. A. Banks, *Prosperity and Parenthood*; T. H. Hollingsworth, *The Demography of the British Peerage*; O. R. McGregor, *Divorce in England*; C. Rosser and C. Harris, *The Family and Social Change*; W. Ashworth, *The Genesis of Modern British Town Planning*; R. Glass, "Urban Sociology in Great Britain" (*Current Sociology*, Vol. IV, No. 4); Centre for Urban Studies (Ed.), *London: Aspects of Change*; J. B. Cullingworth, *Housing Needs and Planning Policy*; M. Stacey, *Tradition and Change*; J. Saville, *Rural Depopulation in England and Wales*; J. Littlejohn, *Westrigg*; C. A. R. Crosland, *The Future of Socialism*; P. Anderson and R. Blackburn (Eds.), *Towards Socialism*; T. B. Bottomore, *Elites and Society*; G. Routh, *Occupation and Pay in Great Britain, 1906-60*; J. L. Nicholson, *Redistribution of Income in the United Kingdom*; P. Sargant Florence, *The Logic of British and American Industry*; *Ownership, Control and Success of Large Companies*; Royal Commission on Trade Unions, *Written Evidence of the Ministry of Labour and Research Papers* Nos. 1 and 3; V. L. Allen, *Power in Trade Unions*; K. Knowles, *Strikes*; R. V. Clements, *Managers*; I. C. McGivering and others, *Management in Britain*; D. V. Glass, *Social Mobility in Britain*; S. M. Miller, "Comparative Social Mobility" (*Current Sociology*, Vol. IX, No. 1); T. H. Marshall, *Citizenship and Social Class*; A. M. Carr-Saunders and P. A. Wilson, *The Professions*; K. Prandy, *Professional Employees*; R. K. Kelsall, *Higher Civil Servants in Britain*; A. Tropp, *The School Teachers*; D. Lockwood, *The Blackcoated Worker*; W. G. Runciman, *Relative Deprivation and Social Justice*; O. Banks,

Parity and Prestige in English Secondary Education; J. W. B. Douglas, *The Home and the School*; Committee on Higher Education, *Report* (Cmd. 2154); W. Guttsman, *The British Political Elite*; R. T. McKenzie, *British Political Parties*; M. Harrison, *Trade Unions and the Labour Party*; R. Miliband, *Parliamentary Socialism*; S. Beer, *Modern British Politics*; J. Blondel, *Voters, Parties and Leaders*; *Report of the Royal Commission on the Press* (Cmd. 7700); F. Williams, *Dangerous Estate: the Anatomy of Newspapers*; R. Hoggart, *The Uses of Literacy*; B. Paulu, *British Broadcasting: Radio and Television in the United Kingdom*; D. A. Martin, *A Sociology of English Religion*; K. Inglis, *Churches and the Working Class in 19th Century England*; B. Wilson, *Religion and Secular Society*; B. Abel-Smith and R. B. Stevens, *Lawyers and the Courts*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; R. Glass, *Newcomers*; P. Foot, *Immigration and Race in British Politics*; M. Freedman, *A Minority in Britain*. Additional reading lists will be given for class work.

842(a) The Social Structure of Modern Britain (Classes)

For B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6; X 1 and 2e (third year); B.A./B.Sc. (Soc.) Branch I, 7 and 8a (second and third years); B.Sc. (Geog.) C24 (second year).

843 The Social Structure of Modern Britain: Selected Topics

Professor Glass, Professor McKenzie, Dr D. A. Martin and Mr Westergaard. Twelve lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8a (third year). Optional for B.Sc. (Econ.) Part II: *Social Structure of Modern Britain*, IX 6 (third year). A syllabus will be given at the beginning of the course.

844 Graeco-Roman Society
Mr Pincott. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8b (second year).

Syllabus An outline of the major social and political institutions in the Graeco-Roman world; particular emphasis will be given to problems of political stability and change, bureaucracy, agriculture and colonial expansion.

Recommended reading M. I. Rostovtzeff, *Greece; Rome*; G. Glotz, *The Greek City; Ancient Greece at Work*; M. I. Finley, *The World of Odysseus; The Ancient Greeks*; J. Carcopino, *Daily Life in Ancient Rome*; N. Lewis and M. Reinhold, *Roman Civilisation* (2 vols. translated sources); S. Dill, *Roman Society from Nero to Marcus Aurelius; Roman Society in the Last Century of the Western Empire*; L. Homo, *Roman Political Institutions from City to State*. Further reading will be given during the course.

844(a) Graeco-Roman Society (Class)

Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8b (second year). First-year students may also attend the first five classes in the Lent Term.

844(b) Graeco-Roman Society (Class)

Twenty classes, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 7 and 8b (third year).

845 Social Structure and Social Change

Professor Dore. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10a, Branch II, 10d (second year); M.Sc.: *Social Structure and Social Change*, II 3 (ii); XVIII 3 (vi) (final year); graduate students in Social Anthropology. Optional for B.Sc. (Soc.) Branch III 7b (third year).

Recommended reading R. M. MacIver,

Social Causation; M. Ginsberg, *Essays in Sociology and Social Philosophy*, Vol. III; W. W. Rostow, *The Stages of Economic Growth*; G. Hunter, *The New Societies of Tropical Africa*; P. Laslett, *The World We Have Lost*; G. and M. Wilson, *The Analysis of Social Change*; J. Steward, *Social Evolution*; R. Redfield, *The Primitive World and its Transformations*; S. M. Lipset, *Political Man*; C. C. Brinton, *The Anatomy of Revolution*; E. and A. Etzioni, *Social Change*; B. Hoselitz, *Sociological Aspects of Economic Growth*; N. J. Smelser, *Social Change in the Industrial Revolution*; C. Kerr et al., *Industrialism and Industrial Man*; C. Geertz, *Old Societies and New States*; D. C. McClelland, *The Achieving Society*; B. F. Hoselitz and W. E. Moore, *Industrialization and Society*; W. J. Goode, *The Modern Revolution and the Family*; A. de Tocqueville, *Democracy in America*; C. Johnson, *Revolution and the Social System*; G. M. Meier, *Leading Issues in Development Economics*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; L. Coser, *Men of Ideas*; C. Belshaw, *Traditional Exchange and Modern Markets*; E. R. Sahlins and M. D. Service, *Evolution and Culture*; T. Parsons, *Societies, Evolutionary Perspectives*; N. J. Demerath 3rd and R. A. Peterson, *System, Change and Conflict*.

845(a) Social Structure and Social Change (Classes)

Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10a; Branch II, 10d (third year).

846 Sociology of Religion

Professor Gellner, Mr de Kadt, Dr D. A. Martin and Mrs Scharf. Thirty-four lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Comparative Morals and Religion* IX 8d (second year); B.A./B.Sc. (Soc.), Branch I, 9 and 10c, and Branch II, 5 (second year); Dip. Soc. Anth. (first year).

Syllabus Dr D. A. Martin and Mrs Scharf. An introduction to the study of socially shared belief systems, their

institutional aspects and relations with the rest of the social order, and their connections with conduct.

Professor Gellner, Mr de Kadt and Dr D. A. Martin. Sociology of Islam, Judaism and Early Christianity. Religion in Developing Societies; the case of Latin America. Religion in Advanced Industrial Societies.

Recommended reading will be given during the course.

846(a) Sociology of Religion (Class)

Dr D. A. Martin and Mrs Scharf. Michaelmas and Lent Terms. In connection with Course No. 846.

847 Political Sociology

Professor McKenzie and Mr Stewart. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II: *Political Sociology*, IX 8e (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10f. Recommended for M.Sc.: *Political Sociology*, XIV 4; *Theories and Concepts of Political Sociology*, XVIII (xi); *Political Stability and Change*, XVIII (xii); *The Study of Political Behaviour*, XVIII (xiii); and other graduate students.

Syllabus The meaning, scope and method of political sociology: some basic concepts. The contribution of a selected list of writers to the historical development of the subject (including Marx, Tocqueville, Pareto, Michels, Mosca, Sorel, Durkheim, Weber, Graham Wallas).

The relations of the state to other institutions. Social movements, political parties and interest groups: their place in the political process; problems of their inner development; leadership, oligarchy and bureaucracy. The study of political behaviour: participation and non-participation in politics; factors influencing electoral choice; the mass media and public opinion. Decision-making and the political process: the role and social background of political decision-makers. Bureaucracy and the administrative process. The sociology of political instability and change.

Recommended reading H. Eulau and

others, *Political Behaviour*; S. Lipset, *Political Man*; H. Hyman, *Political Socialization*; R. Bendix and S. Lipset, *Class, Status and Power* (2nd edn., pp. 201-266); R. Michels, *Political Parties* (Collier edn. with Foreword by S. M. Lipset); S. Neumann (Ed.), *Modern Political Parties*; S. Eldersveld, *Political Parties*; M. Weber, "Politics as a Vocation" and "Bureaucracy" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; R. T. McKenzie, *British Political Parties*; S. Beer, *Modern British Politics*; V. O. Key, *Politics, Parties and Pressure Groups*; G. Wallas, *Human Nature in Politics*; W. G. Runciman, *Social Science and Political Theory*; A. Ranney (Ed.), *Essays on the Behavioural Study of Politics*; N. W. Polsby et al., *Politics and Social Life*; H. H. Eckstein and D. E. Apter (Eds.), *Comparative Politics*; R. Aron, *Main Currents in Sociological Thought*; N. Machiavelli, *Dialogues*; M. Ostrogorski, *Democracy and the Organisation of Political Parties*; M. Duverger, *Political Parties*; J. LaPalombara and M. Weiner, *Political Parties and Political Development*; A. Leiserson, *Parties and Politics*; G. Mosca, *The Ruling Class*; S. Finer, *Pareto*; H. D. Lasswell and others, *The Comparative Study of Elites*; D. R. Matthews, *The Social Background of Political Decision-Makers*; C. W. Mills, *The Power Elite*; W. L. Guttsman, *The British Political Elite*; T. B. Bottomore, *Elites and Society*; R. Dahl, *Who Governs?*; A. Rose, *The Power Structure*; R. E. Lane, *Political Ideology*; R. M. MacIver, *The Modern State*; *The Web of Government*; R. K. Merton and others, *Reader in Bureaucracy*; R. Michels, "Some Reflections on the Sociological Character of Political Parties" (*American Political Science Review*, November, 1927); R. Aron, "Social Structure and the Ruling Class" (*The British Journal of Sociology*, March and June, 1950); J. A. Schumpeter, *Capitalism, Socialism and Democracy*; R. E. Lane and D. Sears, *Public Opinion and Ideology*; B. R. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; J. T. Klapper, *The Effects of Mass Communication*; H. D. Lasswell, *Politics*; *Who Gets What, When, How*; H. D. Lasswell and A. A. Kaplan, *Power and Society*; D. Easton, *A Frame-*

work for Political Analysis; P. Pulzer, *Political Representation and Elections*; R. Rose, *Politics in England*; *Studies in British Politics*; M. Abrams et al., *Must Labour Lose?*; J. Trenaman and D. McQuail, *Television and the Political Image*; B. R. Berelson and others, *Voting*; S. Lipset and others, "The Psychology of Voting" in A. Lindzey (Ed.), *Handbook of Social Psychology*; A. Campbell and others, *The American Voter*; E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour*; W. Kornhauser, *The Politics of Mass Society*; J. Bonham, *The Middle Class Vote*; R. S. Milne and H. C. Mackenzie, *Straight Fight*; S. E. Finer, *Anonymous Empire*; J. D. Stewart, *British Pressure Groups*; *The Political Quarterly*, January-March, 1958: Special Number on Pressure Groups; M. Harrison, *Trade Unions and the Labour Party since 1945*; D. B. Truman, *The Government Process*; L. Trotsky, *The Revolution Betrayed*; M. Fainsod, *How Russia is Ruled*; Barrington Moore, Jr., *Soviet Politics*; I. Deutscher, *The Unfinished Revolution*; G. A. Almond and S. Verba, *The Civic Culture*; L. Pye and S. Verba (Eds.), *Political Culture and Political Development*; I. de S. Pool et al., *Candidates, Issues and Strategies*; E. Allardt and Y. Littonen, *Cleavages, Ideologies and Party Systems*; S. M. Lipset and S. Rokkan, *Party Systems and Voter Alignments*; Barrington Moore, Jr., *Social Origins of Dictatorship and Democracy*; C. Johnson, *Revolutionary Change and Revolution and the Social System* (Hoover Institution Studies, No. 3, 1964); N. Smelser, *Theory of Collective Behaviour*.

847(a) Political Sociology (Classes)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Political Sociology*, IX 8e; B.A./B.Sc. (Soc.) Branch I, 9 and 10f (third year).

848 Industrial Sociology

(i) Mr Hadley. Ten lectures, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g (second year); Branch III, 7e (second year); optional for third year.

(ii) Mr Burrage. Ten lectures,

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Michaelmas Term. This part of the course will not be given in the session 1968-69.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g; Branch III, 7e (third year).

Syllabus The relation between industry and other elements of the social system, political, educational, demographic; stratification etc.

The internal structure of industrial organizations examined with reference to worker morale, management structure, communication, productivity and other variables.

Recommended reading E. Schneider, *Industrial Sociology*; N. Smelser, *Sociology of Economic Life*; R. Bendix, *Work and Authority in Industry*; G. Friedmann, *Industrial Society*; J. G. Abegglen, *The Japanese Factory*; C. Kerr et al., *Industrialism and Industrial Man*; H. Marcuse, *One-Dimensional Man*; C. R. Walker (Ed.), *Modern Technology and Civilization*; R. Aron, *Eighteen Lectures on Industrial Society*; A. Etzioni, *Modern Organizations*; H. March and H. Simon, *Organizations*; E. Mayo, *The Social Problems of an Industrial Civilization*; P. M. Blau, *Dynamics of Bureaucracy*; A. Gouldner, *Patterns of Industrial Bureaucracy*; T. Burns and G. Stalker, *The Management of Innovation*; M. Crozier, *The Bureaucratic Phenomenon*; J. Woodward, *Industrial Organization*; H. M. Vollmer and D. L. Mills (Eds.), *Professionalisation*; W. Kornhauser, *Scientists in Industry*; D. Katz et al., *Productivity, Supervision and Morale among Railroad Workers*; L. Baritz, *The Servants of Power*; C. Argyris, *Integrating the Individual and the Organization*; R. Blauner, *Alienation and Freedom*; W. H. Scott et al., *Technical Change and Industrial Relations*; A. Touraine et al., *Workers' Attitudes to Technical Change*; H. A. Simon, *The Shape of Automation*; T. Caplow, *Sociology of Work*; C. W. Mills, *White Collar*; N. Dennis et al., *Coal is Our Life*; Liverpool University, *The Dockworker*; J. Tunstall, *The Fishermen*; E. Chinoy, *Automobile Workers*; D. Lockwood, *The Blackcoated Worker*.

848(a) Industrial Sociology (Classes)

(i) Ten classes, Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g (second year); Branch III, 7e (third year).

(ii) Ten classes, Michaelmas Term.

This part of the course will not be given in the session 1968-69.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g; Branch II, 7e (third year).

849 Industrial Sociology: Selected Topics

Mr Blackburn, Mr Hill and others. Lent Term.

(i) For B.A./B.Sc. (Soc.) Branch I, 9 and 10g (second year); Branch III, 7e (third year).

(ii) This part of the course will not be given in the session 1968-69.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10g; Branch III, 7e (third year).

850 Criminology

Dr T. P. Morris. Sessional.

For B.Sc. (Econ.) Part II: *Criminology*, IX 8c (second year); B.A./B.Sc. (Soc.) Branch I, 9 and 10d (second year); Branch III, 7f (second and third years); optional for Dip. Soc. Admin. incl. Overseas Option (one-year and first year).

Syllabus Conception of crime. Functions and methods of criminology. Criminal types and causal factors in crime; physical, psychological, social and economic factors. Special problems; juvenile and female delinquency. Penal philosophy and psychology, especially meaning and objects of punishment. Penal history. The modern English penal system and the criminal courts. Problems of crime prevention.

Recommended reading TEXT BOOKS:

H. Mannheim, *Comparative Criminology*; H. Jones, *Crime and the Penal System* (3rd edn.); E. H. Sutherland, *Principles of Criminology* (6th edn. revised by D. R. Cressey); N. Walker, *Crime and Punishment in Britain*; L. W. Fox, *The English*

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Prison and Borstal Systems; W. A. Elkin, *The English Penal System*; Central Office of Information, *The Treatment of Offenders in Britain*, 1960; U.K. Home Office, *Prisons and Borstals* (revised edn., 1960); M. Wolfgang et al. (Eds.), *Sociology of Crime and Delinquency*; *Sociology of Punishment and Correction*; M. Wolfgang and F. Ferracuti, *The Subculture of Violence*; G. Vold, *Theoretical Criminology*; D. Downes, *The Delinquent Solution*.

FURTHER READING: D. R. Taft, *Criminology*; W. C. Reckless, *The Crime Problem; Criminal Behavior*; H. E. Barnes and N. K. Teeters, *New Horizons in Criminology*; S. Hurwitz, *Criminology*; H. Mannheim, *Group Problems in Crime and Punishment*; *Social Aspects of Crime in England between the Wars*; H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training*; H. Mannheim (Ed.), *Pioneers in Criminology*; S. S. and E. T. Glueck, *Unravelling Juvenile Delinquency; Physique and Delinquency; Family Environment and Delinquency*; S. S. Glueck (Ed.), *The Problem of Delinquency*; P. W. Tappan, *Juvenile Delinquency; Crime, Justice and Correction*; A. Aichhorn, *Wayward Youth*; C. L. Burt, *The Young Delinquent*; J. Bowlby, *Forty-four Juvenile Thieves; Maternal Care and Mental Health*; D. H. Stott, *Delinquency and Human Nature*; *Unsettled Children and their Families*; W. Healy and A. F. Bronner, *New Light on Delinquency and its Treatment*; M. L. Barron, *The Juvenile in Delinquent Society*; A. K. Cohen, *Delinquent Boys: The Culture of the Gang*; T. Ferguson, *The Young Delinquent in his Social Setting*; T. P. Morris, *The Criminal Area*; F. M. Thrasher, *The Gang*; F. Redl and D. Wineman, *Children Who Hate*; H. Bloch and F. Flynn, *The Juvenile Offender in America Today*; G. M. Sykes, *The Society of Captives; Crime and Society*; W. Norwood East, *Society and the Criminal*; A. K. Cohen and others (Eds.), *The Sutherland Papers*; S. Rubin, *Crime and Juvenile Delinquency*; E. Powers and H. Witmer, *An Experiment in the Prevention of Delinquency: The Cambridge-Somerville Youth Study*; B. Wootton, *Social Science and Social Pathology*; W. M. and J. McCord, *Origins of Crime*; R. A. Cloward and L. E. Ohlin, *Delinquency and Opportunity*; G. B. Trasler,

The Explanation of Criminality; H. Mannheim, *The Dilemma of Penal Reform*; *Criminal Justice and Social Reconstruction*; S. M. Fry, *Arms of the Law*; R. S. E. Hinde, *The British Penal System*; D. L. Howard, *The English Prisons*; J. F. S. King, *The Probation Service*; N. Morris, *The Habitual Criminal*; M. Grünhut, *Juvenile Offenders Before the Courts*; J. A. F. Watson, *The Child and the Magistrate*; P. W. Tappan (Ed.), *Contemporary Correction*; H. J. Klare, *Anatomy of Prison*; H. Ashley Weeks, *Youthful Offenders at Highfields*; W. E. Cavenagh, *The Child and the Court*; F. H. McClintock and others, *Attendance Centres*; F. H. McClintock and E. Gibson, *Robbery in London*; E. Green, *Judicial Attitudes in Sentencing*; R. Hood, *Sentencing in Magistrates' Courts*; R. G. Andry, *The Short-Term Prisoner*; J. B. Mays, *Crime and the Social Structure*; T. P. and P. J. Morris, *Pentonville*; D. R. Cressey (Ed.), *The Prison*; P. J. Morris, *Prisoners and their Families*.

THE FOLLOWING OFFICIAL SOURCES SHOULD BE CONSULTED: Annual Reports of the Commissioners of Prisons and of the Central After-Care Association; U.K. Home Office, *Criminal Statistics* (England and Wales), published annually as command papers; U.K. Home Office, *Reports on the Work of the Children's Department* (occasional). The following Reports: *Royal Commission on Capital Punishment*, 1953 (Cmd. 8932); *Royal Commission on the Law Relating to Mental Illness and Mental Deficiency*, 1957 (Cmnd. 169); *Committee on Homosexual Offences and Prostitution*, 1957 (Cmnd. 247); *Penal Practice in a Changing Society*, 1959 (Cmnd. 645); *Report of the Committee on Children and Young Persons*, 1960 (Cmnd. 1191); *Committee on the Probation Service*; 1962 (Cmnd. 1650); *Interdepartmental Committee on the Business of the Criminal Courts*, 1961 (Cmnd. 1289); U.K. Home Office Advisory Council on the Treatment of Offenders, *Alternatives to Short Terms of Imprisonment*, 1957; *The After-Care and Supervision of Discharged Prisoners*, 1958; *The Treatment of Young Offenders*, 1959; *Corporal Punishment*, 1960; *Work for Prisoners*, 1961; *Preventive Detention*, 1962; U.K. Home Office, *The Probation Service: its Objects and its Organisation*,

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1958; *Time Spent Awaiting Trial*, 1960; *Delinquent Generations*, 1960; *Murder*, 1961; United Nations IV. Social Welfare, 1951-2, *Probation and Related Measures*; The Criminal Justice Act, 1948; The Magistrates' Courts Act, 1952; The Prison Act, 1952, and the Prison Rules; The First Offenders Act, 1959; The Mental Health Act, 1959; The Criminal Justice Act, 1961.

851 Introductory Criminology (Class)

Dr T. P. Morris, Mrs Heidensohn and Mr Rock. Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10d (second year); B.Sc. (Econ.) Part II: *Criminology*, IX 8c (second year).

852 Selected Problems of Criminology and Penology

Dr T. P. Morris, Mrs Heidensohn and Mr Rock. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Criminology*, IX 8c (third year); B.A./B.Sc. (Soc.) Branch I, 9 and 10d, Branch III, 7f (third year). Optional for Dip. Soc. Admin. (second year and one-year). Suitable for students who have already attended Course No. 850.

Recommended reading As for Course No. 850. Further literature will be recommended during the course.

853 The Causes and Treatment of Crime (Seminar)

Dr T. P. Morris and Mrs Heidensohn. Fortnightly, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10d; Branch III, 7f (third year); B.Sc. (Econ.) Part II: *Criminology*, IX 8c (third year).

854 Mathematics for Sociologists (Introductory Course)

Mr Steuer. Twenty lectures and classes.

Optional for B.A./B.Sc. (Soc.) Branches I and II (first and second years).

Syllabus An introduction to formal theory in sociology, and the mathematical techniques which are most frequently used in this field. Half of the course is allocated to teaching these techniques. No mathematical background is assumed. In the second half the techniques are applied to a representative sample of topics, such as: survival theory in culture; group behaviour including pressures to conformity; rank and social integration; the theory of balance in social structure; communication networks; organization theory.

Recommended reading (The following provide some indication of subject matter, but give an exaggerated view of the mathematical difficulty of the course.) J. S. Coleman, *Introduction to Mathematical Sociology*; W. N. McPhee, *Formal Theories of Mass Behaviour*; J. G. Kemeny and J. L. Snell, *Mathematical Models in the Social Sciences* (chaps. 5 and 8); J. Berger *et al.*, *Sociological Theories in Progress*.

855 Social Research (Classes)

Lent and Summer Terms.

For B.A./B.Sc. (Soc.) Branch I, 2; Branch II, 10c (second year); Branch III, 5 (second year).

FOR GRADUATE STUDENTS

M.Sc. Sociology, Preliminary Year

Courses 857-859 are for first-year graduate students of sociology preparing to take the departmental qualifying examination.

857 Sociological Theory (Class)

Mrs Heidensohn.

858 Social Institutions (Class)

Mr Hill.

859 Methods of Social Investigation (Class)

Mr Westergaard.

Sociology

Recommended reading will be given during the courses.

Students should also attend the following courses: 838, 841, 845, 911, 912, 933.

M.Sc. Sociology, Final Year and other Graduate Courses

860 Sociological Theory

For M.Sc.: *Sociological Theory*, XVIII 1.

(i) Dr D. A. Martin, Mr Newfield and Mr Swingewood. Seminars, Sessional.

(ii) Dr Cohen and Mr Newfield. Ten lectures, Summer Term.

861 Design and Analysis of Social Investigations.

Miss Gales and Mr Westergaard. Sessional.

For M.Sc.: *Methods of Sociological Study*, II 3(i); XVIII 2.

Other graduate students may attend only by arrangement with Mr Westergaard.

Syllabus The main problems arising in the design of social investigations, the collection of data and the analysis and interpretation of results.

Recommended reading Detailed recommendations will be made during the course, but the following may be regarded as background reading: E. Nagel, *The Structure of Science*; C. Selltitz and others, *Research Methods in Social Relations*; C. A. Moser, *Survey Methods in Social Investigation*; W. J. Goode and P. K. Hatt, *Methods in Social Research*; E. Greenwood, *Experimental Sociology*; H. H. Hyman and others, *Interviewing in Social Research*; B. S. Phillips, *Social Research: Strategy and Tactics*; S. Payne, *The Art of Asking Questions*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*.

862 Design and Analysis of Social Investigations: Project Class

Mr Westergaard and others. One-and-a-half hours per week, Lent and Summer Terms.

For M.Sc.: *Methods of Sociological Study*, II 3i; XVIII 2. Arrangements may be made for students to take an alternative option to this.

863 Social Structure of Industrial Societies

Professor Glass, Professor Dore and others. Sessional.

For M.Sc.: *Social Structure of Industrial Societies*, XVIII 3(i).

Syllabus Demographic background. The family. Urbanization. Occupational structure and industrial organization. Income and wealth. The nature and objectives of the educational system. Religion and religious institutions. Social stratification and social mobility. Political organization and the structure of power. The course will consist of a combination of lectures and seminars.

864 Sociology of Deviant Behaviour (Seminar)

Dr T. P. Morris. Sessional.

For M.Sc.: *Sociology of Deviant Behaviour*, XVIII 3(iii).

Syllabus Concepts of social deviance and social disorganization. The social dimensions of crime. Psychological and sociological theories of crime causation. Specific aspects of deviant behaviour; suicide, homicide, alcoholism and narcotic addiction; the sociology of mental abnormality.

Recommended reading will be given during the course.

865 Social Structure and Social Change (Graduate Course)

This course will not be given in the session 1968-69.

866 Sociology of Education

For M.Sc.: *Sociology of Education*, XVIII 3(ii); M.Phil.

Sociology

(i) Dr Clifford-Vaughan. Ten lectures, Michaelmas Term.

Syllabus Education as a selection and training device in Western European societies. The influence of social structure upon the forms and content of education. **Recommended reading** will be given during the course.

(ii) Mr Hopper. Twenty seminars, Lent and Summer Terms.

867 Sociology of Development

(i) Professor Dore. Thirteen lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Soc.) Branch I, 9 and 10a; Branch II, 10d; B.Sc. (Soc.) Branch III, 7b (third year); M.Sc.: *Sociology of Development*, XVIII 3(viii).

(ii) Professor Dore, Professor Gellner, Mr de Kadt, Mr. Blackburn and others. Seminar.

For M.Sc.: *Sociology of Development*, XVIII 3(viii).

868 Race Relations (Seminar)

Dr Cohen, Dr D. A. Martin and others. Twenty seminars, Sessional.

For M.Sc.: *Race Relations*, XVIII 3(x).

Syllabus Social structural, cultural and psychological aspects of relations between ethnic and racial groups in various societies and regions, e.g. North America, Southern Africa, S.E. Asia, Middle East, Britain. There will be a strong emphasis on general theoretical problems and the bearing of empirical cases on these.

Recommended reading will be given during the course.

869 Political Behaviour (Seminar)

Professor McKenzie. Lent and Summer Terms.

For M.Sc.: *The Study of Political Behaviour*, XIV 4; XVIII 3(xiii).

Note For **Theories and Concepts of Political Sociology** (M.Sc.: XIV 4; XVIII 3(xi)) see Course No. 604.

For **Political Stability and Change** (M.Sc.: XIV 4; XVIII 3(xii)) see Course No. 605.

870 The Social Structure of France

Dr Clifford-Vaughan. Ten fortnightly seminars, Lent and Summer Terms. This course will not be given in the session 1968-69.

For graduate students in Sociology and Government.

Syllabus The milieu: natural and political. Population and class structure. The educational system. Rural France. Urban France. Workers and trade unions. The administrative and political personnel. The traditional forces: the Army and the Church.

Recommended reading will be given during the course.

871 Social and Demographic Problems in Medicine

Dr Douglas. Six lectures, Lent Term.

For M.Sc.: *Problems of Public Health and Sociomedical Research*, II 3(v) and other graduate students and optional for B.A./B.Sc. (Soc.) Branch I, 9 and 10e (third year).

Syllabus Early studies of environment and health. The pattern of illness and growth related to demographic and social changes. High-risk groups in the population, problems of identification. Comparisons of the health of populations. Use of sociological methods in the study of disease.

Recommended reading A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine*; G. W. Brown and J. Wing, *Comparative Clinical and Social Survey of a Mental Hospital* (Soc. Rev. Monog. No. 5, Keele); F. M. Burnet, *Natural History of Infectious Disease*; N. R. Butler and D. G. Bonham, *Perinatal Mortality*; J. W. B. Douglas and J. M. Blomfield, *Children Under Five*; H. Eckstein, *English Health Service*; S. E. Finer, *Life and Time of Sir Edwin Chadwick*; T. McKeown, *Medicine in Modern Society*; J. N. Morris, *Uses of Epidemiology*; M. Rutter, *Children of Sick Parents*; M. W. Susser and W. Watson, *Sociology in Medicine*; J. M. Tanner, *Growth at*

Sociology

Adolescence; World Health Organization, *Trends in the Study of Morbidity and Mortality*.

872(i) Social Structure and Social Change in Latin America

Mr de Kadt. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *Sociology of Development*, XVIII 3 (viii); M.A. Area Studies; Dip. Development Admin. and others interested.

Syllabus Historical aspects of relevance to present-day social structure. Colonial economic relations and their transformation: export agriculture and "neo-colonialism". The agrarian structure; problems of agrarian reform. Social relations in rural areas and the patron-dependant pattern. Patrimonial relations in the "modern" sector: the question of the dual society. Industrialization and urbanization: attitudes and behaviour of the urban working class and of the middle class. Race and the class structure. Education. The role of important power centres: the military and the church. Religion. Throughout, special attention will be paid to Brazil.

Recommended reading C. Furtado, *Development and Underdevelopment*; Marvin Harris, *Patterns of Race in the Americas*; P. M. Hauser (Ed.), *Urbanisation in Latin America* (UNESCO, 1961); H. A. Herring, *History of Latin America* (2nd edn.); A. O. Hirschmann, *Journeys towards Progress*; J. J. Johnson, *The Military and Society in Latin America*; J. J. Johnson (Ed.), *Continuity and Change in Latin America*; J. Lambert, *Amérique Latine: Structures Sociales et Institutions Politiques*; S. M. Lipset and A. Solari (Eds.), *Elites in Latin America*; J. Maier and R. W. Weatherhead, *Politics of Change in Latin America*; U.N. Dept. of Econ. and Social Affairs, *Progress in Land Reform*, Fourth Report; C. Veliz (Ed.), *Obstacles to Change in Latin America*; C. Veliz (Ed.), *The Politics of Conformity in Latin America*; E. de Vries and J. Medina Echavarría, *Social Aspects of Economic Development in Latin America*, Vol. I (UNESCO, 1963).

Further references will be given during the course.

872(ii) Social Structure and Social Change in Latin America (Seminar)

Mr de Kadt. Sessional.

For M.Sc.: *Sociology of Development*, XVIII 3(viii); M.A. Area Studies.

873 The Social Structure of Modern Japan

Professor Dore. Ten lectures, Lent Term.

For third-year undergraduate and graduate students of Sociology and Anthropology.

Syllabus Tokugawa feudalism. The modern family, village organization, employment practices and trade unions, social stratification, social mobility, the educational system, political attitudes and organization. The emphasis will be on the process of change over the last century.

Recommended reading W. W. Lockwood, *The Economic Development of Japan*; I. B. Taeuber, *The Population of Japan*; R. K. Beardsley and others, *Village Japan*; R. P. Dore, *City Life in Japan*; Y. S. Matsumoto, *Contemporary Japan*; G. R. Storry, *A History of Modern Japan*; R. A. Scalapino and J. Masumi, *Parties and Politics in Contemporary Japan*; F. C. Langdon, *Politics in Japan*; J. C. Abbeglen, *The Japanese Factory*; S. B. Levine, *Industrial Relations in Postwar Japan*; G. C. Allen, *Japan's Economic Recovery*; E. Vogel, *Japan's New Middle Class*; M. B. Jansen, *Changing Japanese Attitudes to Modernization*; W. W. Lockwood, *The State and Economic Enterprise in Japan*; J. W. Hall, *Twelve Doors to Japan*; E. H. Norman, *Japan's Emergence as a Modern State*; R. Bellah, *Tokugawa Religion*; R. P. Dore (Ed.), *Aspects of Social Change in Modern Japan*.

874 Japanese Development (Seminar)

Professor Dore. Lent and Summer Terms.

For M.Sc.: *Sociology of Development*, XVIII 3(viii).

Sociology

Selected aspects of social change in Japan.

875 Sociology of Religion (Seminar)

Dr D. A. Martin, Mrs Scharf and Mr de Kadt. Fortnightly, Sessional. For M.Sc.: *Sociology of Religion*, XVIII 3(iv).

876 Sociology of Islam (Seminar)

Professor Gellner, Dr Cohen and Dr Lewis (S.O.A.S.). Fortnightly, Sessional. Intercollegiate course. For M.Sc.: *Sociology of Development*, XVIII 3(viii).

877 Sociology for Social Psychologists

Mr Burrage. Ten lecture/classes, Michaelmas and Lent Terms. For M.Sc.: *Social Psychology*.

878 Sociology of Revolution

Mr Blackburn. Six lectures, Michaelmas Term. For interested students.

Syllabus An introduction to the study of

revolutions, revolutionary movements and theories of revolution.

Recommended reading K. Marx and F. Engels, *The Communist Manifesto* (Ed. Riazanov); F. Engels, *Revolution and Counter-Revolution in Germany* (Ed. Kriegel); K. Marx, *French Writings*; V. I. Lenin, *The State and Revolution*; G. Lukács, *Lenin*; L. D. Trotsky, *The Permanent Revolution*; I. Deutscher, *The Unfinished Revolution*; Barrington Moore, *The Origins of Dictatorship and Democracy*; E. Snow, *Red Star over China*; Mao Tse Tung, *Report on the Peasant Movement in Hunan*; *Four Philosophical Essays*; *Quotations*; J. Gray and P. Cavendish, *Chinese Communism in Crisis*; Che Guevara, *Man and Socialism in Cuba*; R. Debray, *Revolution in the Revolution?*; *Essays on Latin America*; F. Fanon, *The Wretched of the Earth*; A. Gorz, *A Strategy for Labor*; R. Fraser, *Work*; P. Baran and P. Sweezy, *Monopoly Capital*; E. Mandel, *A Treatise on Marxist Economics*; L. Althusser, *Pour Marx*; *Lire le Capital*; M. Godelier, *Rationalité et Irrationalité en Economie*; G. Lukács, *Histoire et Conscience de Classe*; H. Marcuse, *Reason and Revolution*; *Eros and Civilisation*; J. Cammett, *Antonio Gramsci and Italian Communism*; V. Serge, *Memoirs of a Revolutionary*; R. D. Laing and D. Cooper, *Reason and Violence*.

Statistics, Mathematics, Computing and Operational Research

- 511 (a) Mathematics
 513 (b) Statistical Theory and Method
 517 (c) Applied Statistics
 520 (d) Computing and Operational Research
 523 (e) Graduate Courses: Statistics
 527 (f) Graduate Courses: Operational Research

Statistics, Mathematics, Computing and Operational Research

(a) MATHEMATICS

900 Basic Mathematics

Professor Sir Roy Allen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 1 (a) *Basic Mathematics*; B.Sc. (Econ.) Part II: *Introduction to Modern Mathematics*, I 2b; III 3i; V 2g; XI 3a; XVI 2b (second year); B.Sc. (Geog.) C 9. Open to others needing an introduction to modern algebra and the calculus; no specific knowledge of elementary mathematics is assumed.

Syllabus Concepts of sets, groups and fields. The idea of a function. Mappings and transformations with simple examples. The elementary functions (including the exponential function, the logarithmic function and the circular functions), their expansions, derivatives and integrals. Introduction to complex numbers, to vectors and matrices.

Recommended reading I. Adler, *The New Mathematics*; R. G. D. Allen, *Basic Mathematics*; G. H. Hardy, *Pure Mathematics*; W. W. Sawyer, *Mathematician's Delight*; *Prelude to Mathematics* (Pelican Books); C. J. Tranter, *Advanced Level Pure Mathematics*.

FURTHER READING: G. Birkhoff and S. MacLane, *A Survey of Modern Algebra*; R. Courant and H. Robbins, *What is Mathematics?*; G. Hadley, *Linear Algebra*; J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics*; E. A. Maxwell, *An Analytical Calculus*.

900(a) Basic Mathematics, First-Year Class

Dr Scott and others. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 1 (a) *Basic Mathematics*; B.Sc. (Geog.) C 9.

900(b) Basic Mathematics, Second-Year Class

Lecturer to be announced. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II: *Introduction to Modern Mathematics*, I 2b; III 3i; V 2g; XI 3a; XVI 2b (second year).

901 Introduction to Modern Mathematics

Lecturer to be announced. Two hours per week, Lent Term.

For B.Sc. (Econ.) Part II: *Introduction to Modern Mathematics*, I 2b; III 3i; V 2g; XI 3a; XVI 2b (third year).

902 Algebra and Methods of Analysis

Dr H. Freedman and others.

(i) Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 1 (b) *Algebra and Methods of Analysis*; B.Sc. (Maths.) Part I, paper 3; B.Sc. (Geog.) C 10.

(ii) Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I: alternative subject 1 (b) *Algebra and Methods of Analysis*; B.Sc. (Geog.) C 10.

Syllabus Finite dimensional vector spaces. Linear dependence. Isomorphisms, linear mappings. Matrices. Limits and series. Derivatives and integrals of functions of one variable.

Recommended reading G. Hadley, *Linear Algebra*; P. R. Halmos, *Finite Dimensional Vector Spaces*.

902(a) Algebra and Methods of Analysis Class

Dr H. Freedman. Twenty classes, Sessional, beginning in the third week of the Michaelmas Term.

For B.Sc. (Econ.) Part I: alternative subject 1 (b) *Algebra and Methods of Analysis*; B.Sc. (Geog.) C 10.

903 Analysis and Set Theory

Professor Offord. Fifty lectures, Sessional.

For B.Sc. (Maths.) Part I, paper 2;
B.Sc. (Econ.) Part I: alternative subject 15
Analysis and Set Theory.

Syllabus Sets of points in one and several dimensions. Structure of sets, open sets, closed sets, countable sets. The notion of measure of a set. The notion of limit for sequences and functions of a continuous variable. Continuous functions. Rolle's theorem. The mean value theorem.

Recommended reading T. M. Apostol, *Mathematical Analysis*; J. C. Burkill, *An Introduction to Mathematical Analysis*.

903(a) Analysis and Set Theory, Class

Arranged by Professor Offord.
Twenty-five classes, Sessional,
beginning in the second week of the
Michaelmas Term.

For B.Sc. (Maths.) Part I, paper 2;
B.Sc. (Econ.) Part I: alternative subject 15,
Analysis and Set Theory.

904 Further Algebra and Theory of Probability

Professor Offord and Dr H.
Freedman. Forty lectures,
Sessional.

For B.Sc. (Maths.) Part I, paper 4.

Syllabus The numbers system and the rules of Algebra. Fields. Integers and polynomials over a field. Fundamental theorem of algebra. Polynomials in several indeterminants, symmetric polynomials determinants. The theory for discrete sample spaces. Independence. The main distributions. Sums of independent random variables.

904(a) Further Algebra and Theory of Probability

Dr H. Freedman. Twenty classes,
Sessional, beginning in the third
week of the Michaelmas Term.

For B.Sc. (Maths.) Part I, paper 4.

905 Real Variable, Analysis and Mathematical Methods

Mr Bell and Mr Hornblower.
Sixty lectures, Sessional.

For B.Sc. (Maths.) Part II, papers 1 and 2
(second year)

Syllabus Measure theory and integration. Metric spaces and function spaces. Differential equations, ordinary and partial. Fourier series and integrals and the convolution interval.

905(a) Real Variable, Analysis and Mathematical Methods, Class

Mr Bell and Mr Hornblower.
Thirty classes, Sessional.

For B.Sc. (Maths.) Part II, papers 1 and 2
(second year).

906 Algebra

Dr H. Freedman. Twenty lectures,
Michaelmas and Lent Terms.

For B.Sc. (Maths.) Part II, paper 3
(second year).

Syllabus Continuation of course 904. Fields and groups. Linear spaces, composition of mappings, automorphisms, quadratic forms.

906(a) Algebra Class

Dr H. Freedman. Twenty classes,
Sessional, beginning in the third
week of the Michaelmas Term.

For B.Sc. (Maths.) Part II, paper 3
(second year).

907 Complex Variable

Mr Hornblower. Twenty lectures,
Michaelmas and Lent Terms.

For B.Sc. (Maths.) Part II, paper 3
(second year).

Syllabus Functions of a complex variable. Integration along piece-wise smooth curves. Cauchy's theorem for a triangle. Bi-linear and other elementary transformations. Cauchy's formula for a piece-wise smooth curve in a star domain. Regularity of sum of a uniformly convergent series. Calculus of residues.

907(a) Complex Variable, Class

Mr Hornblower. Twenty classes,
Sessional, beginning in the third
week of the Michaelmas Term.

For B.Sc. (Maths.) Part II, paper 3
(second year).

908 Theory of Probability

Professor Offord. Thirty lectures,
Sessional.

For B.Sc. (Maths.) Part II, paper 4
(second year).

Syllabus Boolean algebras. Measure spaces. Random variables, and independence of random variables. Moments, characteristic functions. Sums of independent random variables. Laws of large numbers, and the central limit theorem. General discussion of the more important distributions. Lattice distributions.

908(a) Theory of Probability, Class

Professor Offord. Twenty classes,
Sessional, beginning in the third
week of the Michaelmas Term
(second year).

For B.Sc. (Maths.) Part II, paper 4.

909 Mathematics A

Professor Sargan and others.

(i) Second Year: three hours per
week, Michaelmas and Lent Terms.

(ii) Third Year: one hour per week,
Lent Term.

For B.Sc. (Econ.) Part II: *Mathematics A*,
I 2c; II 2a; III 3h; IV 6, 7 and 8i (IV 6,
7 and 8j (third year)); V 2c; XI 3b; Dip.
Stats.

Syllabus Vectors, matrices and quadratic forms. Differential calculus of one and several variables. Stationary values. Lagrange multiplier. Complex numbers. Integral calculus. Series, expansions. Difference and differential equations.

Recommended reading G. Hadley, *Linear Algebra*; R. G. D. Allen, *Mathematical Analysis for Economists*; R. P. Gillespie, *Partial Derivatives*; W. Maak, *Introduction to Modern Calculus*.

910 Mathematics B

Two hours a week, Sessional.

For B.Sc. (Econ.) Part II: *Mathematics B*,
I 2d; II 2b; IV 6, 7 and 8i; V 2d; X 3;
XI 3c (second year); Dip. Stats.

(i) Analysis

Lecturer to be announced. Thirty
lectures.

(ii) Matrix Methods

Dr Knott. Six lectures.

(iii) Difference and Differential Equations

Lecturer to be announced. Eight
lectures.

(iv) Functions of a Complex Variable

Mr Hajnal. Sixteen lectures.

910(a) Mathematics B (Second Year) Class

Dr Knott, Mr Hajnal and others.
Thirty hours, Sessional.

910(b) Mathematics B (Third Year) Revision Class

Dr Knott, Mr Hajnal and others.
Ten hours, Lent Term.

b) STATISTICAL THEORY AND METHOD

911 Elementary Statistical Methods

Miss Gales and Dr Maunder.
Sixteen lectures, Michaelmas and
Lent Terms.

For B.Sc. (Econ.) Part I: alternative
subject 8 *Methods of Social Investigation*;
B.Sc. (Soc. Anth.) 3a (Part II); B.Sc.
(Geog.) C 12; M.Sc.: Accounting
(preliminary year); M.Sc.: *Management
Mathematics*, I 3; Dip. Personnel
Management. Optional for Dip. Soc.
Admin. (second year and one-year).

Syllabus The analysis and presentation of statistical data. Tables, graphs, and diagrams. Measures of average and dispersion. Calculation of various kinds of index numbers. Time-series and cross-section data. Elements of association and

correlation. Basic ideas of statistical inference.

Recommended reading R. G. D. Allen, *Statistics for Economists*; A. R. Ilersic, *Statistics*; A. Bradford Hill, *Principles of Medical Statistics*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, A New Approach*; B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method*.

911(a) Elementary Statistical Methods Class

Dr Maunder, Mr Gattoni and others. Fifteen classes, Michaelmas and Lent Terms.

912 Statistical Methods (Sociology)

Mr Lewis. Fifteen lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 2; Branch III, 5 (first year); Branch II, 10c (second year); M.Sc.: Sociology (preliminary year).

Syllabus Collection, definition and tabulation of data. Diagrammatic representation. Analysis of frequency distributions. Averages and measures of dispersion. Index numbers. The elementary theory of regression and correlation. Background of sampling theory. Calculation of sampling errors. The design of samples. The application of statistical methods to sociological problems.

Recommended reading R. G. D. Allen, *Statistics for Economists*; L. H. C. Tippett, *Statistics*; A. R. Ilersic, *Statistics*; A. Bradford Hill, *Principles of Medical Statistics*; W. A. Wallis and H. V. Roberts, *Statistics, A New Approach*; J. E. Freund and F. J. Williams, *Modern Business Statistics*; H. Zeisel, *Say it with Figures*; L. G. Gotkin and L. S. Goldstein, *Descriptive Statistics*; S. M. Dornbusch and C. F. Schmid, *A Primer in Social Statistics*; M. W. Tate, *Statistics in Education and Psychology*; G. Kalton, *Introduction to Statistical Ideas*; H. M. Blalock, *Social Statistics*.

912(a) Statistical Methods (Sociology) Class

Miss Gales and others. Fifteen classes, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 2; Branch III, 5 (first year); Branch II, 10c (second year); M.Sc.: Sociology (preliminary year).

912(b) Statistical Methods (Sociology, Branch III, Third Year) Class

Mr Lewis. Ten hours, Lent Term.

913 Statistical Methods (Sociology, Branches I and II, Second Year)

Miss Gales and Mr Gattoni. Ten classes, Michaelmas Term.

For B.A./B.Sc. (Soc.) Branch I, 2 (second year); Branch II, 10c (third year).

Syllabus and reading as for Course No. 912.

914 Elementary Statistical Theory: I

Dr Wallis. Twenty-six lectures, Sessional.

For B.Sc. (Econ.) Part I: alternative subject 2 *Elementary Statistical Theory*; B.Sc. (Econ.) Part II: *Elements of Statistical Theory and Methods*, I 3e; II 3a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c (second year); B.Sc. (Maths.) Part I, 5a; B.Sc. (Geog.) C 11.

Syllabus Probability and distribution theory. Statistical relationship. Sampling. Estimation and tests of hypotheses. Time series and index numbers.

Recommended reading INTRODUCTORY: P. G. Hoel, *Elementary Statistics*. GENERAL: J. E. Freund, *Modern Elementary Statistics*; T. Yamane, *Statistics: An Introductory Analysis*. Further references will be given during the course.

914(a) Elementary Statistical Theory I, Class

Dr Wallis and others. Twenty-three classes, Sessional, beginning in the third week of the Michaelmas Term.

915 Elementary Statistical Theory II

Dr Wallis. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II: *Elements of Statistical Theory and Methods*, I 3e; II 3a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c; *Econometrics*, II 8; X 6 and 7e (second year).

Syllabus Theory of the general linear regression model. Partial and multiple correlations. A familiarity with matrix algebra will be assumed.

Recommended reading J. Johnston, *Econometric Methods*.

916 Elements of Statistical Theory and Methods, Revision Class

Dr Wallis. Eight classes, Lent Term, beginning in the third week.

For B.Sc. (Econ.) Part II: *Elements of Statistical Theory and Methods*, I 3e; II 3a; IV 3a; V 2e; XI 5, 6 and 7f; XVI 3c (third year).

917 Introduction to Probability

Professor Stuart. Fifteen lectures and five classes, Michaelmas Term.

For Dip. Stats.; B.Sc. (Econ.) Part II (second year): *Statistical Theory*, II 3b; *Probability, Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d; *Management Mathematics*, II 3c; X 6 and 7g; XI 5, 6 and 7b; B.Sc. (Maths.) Part II, 5, 6, 7 and 8a and h (second year); M.Sc.: *Foundations of Probability and Statistics*, XII 5.

Syllabus Discrete sample spaces. Definitions and rules of probability. Conditional probability. Bayes' theorem. Independence. Random variables and calculus of expectations. Frequency—generating functions. Bernoulli trials. Binomial, Negative Binomial, Poisson,

Hypergeometric, Multinomial distributions. Poisson process. Mixtures and compounds of distributions. Random walks. Markov chains.

Recommended reading W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. I).

918 Theory of Statistical Distributions

Professor Stuart. Fifteen lectures and five classes, Lent Term.

For B.Sc. (Econ.) Part II: *Statistical Theory*, II 3b; *Probability Distribution and Sampling Theory*, X 4, XI 5, 6 and 7d (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8a (second year).

Syllabus Distribution and frequency functions. Moments, cumulants, and their generating functions. Characteristic functions. Distribution of sums. Weak law of large numbers and Central Limit theorem. Change of variables technique. Linear (including orthogonal) transformations. Ratios of random variables. Bivariate and multivariate generalizations. Independence. Order-statistics and functions of them. Distributions associated with the normal, including F, χ^2 , t and the bivariate normal. Standard errors.

Recommended reading A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I.

919 Statistical Methods and Theory (Second Year)

Dr Brillinger. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Theory of Statistical Methods*, X 5 (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8b (second year).

Syllabus Applications and theory of the normal distribution, statistical tests and procedures, least squares, analysis of variance and covariance, regression and correlation analysis.

Recommended reading R. A. Fisher, *Statistical Methods for Research Workers*;

M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II; D. A. S. Fraser, *Statistics: An Introduction*.

919(a) Statistical Methods and Theory Practical Class (Second Year)

Dr Brillinger. Twenty classes of one-and-a-half hours, Lent and Summer Terms.

920 Statistical Methods and Theory (Third Year)

Dr Knott. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Theory of Statistical Methods*, X 5 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8b (third year).

Syllabus Further analysis of variance and experimental design. Non-parametric methods. Time series.

Recommended reading D. A. S. Fraser, *Statistics: An Introduction*; M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III; O. Kempthorne, *The Design and Analysis of Experiments*; K. A. Brownlee, *Statistical Theory and Methodology in Science and Engineering*.

920(a) Statistical Methods and Theory (Third Year) Class

Dr Knott. Five classes, Lent Term.

921 Statistics Practical Class

Dr Scott. Fifteen classes of one-and-a-half hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: special subject Statistics.

922 Sample Survey Theory

Mr Lewis. Ten lectures, Michaelmas Term.

For Dip. Stats.; B.Sc. (Econ.) Part II: *Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7e; *Theory of*

Statistical Methods, X 5 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8b (third year); Dip Stats. Optional for M.Sc.: *Survey Theory and Methods*, XIX 7.

Further treatment of sample survey theory is provided in Course No. 962.

Syllabus Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities.

Recommended reading F. Yates, *Sampling Methods for Censuses and Surveys*; W. G. Cochran, *Sampling Techniques*; W. E. Deming, *Sample Design in Business Research*; M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory*; A. Stuart, *Basic Ideas of Scientific Sampling*; M. R. Sampford, *An Introduction to Sampling Theory*; L. Kish, *Survey Sampling*; P. V. Sukhatme, *Sampling Theory of Surveys with Applications*.

923 Estimation and Tests

Professor Stuart. Fifteen lectures and five classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Probability, Distribution and Sampling Theory*, X 4; XI 5, 6 and 7d; *Statistical Theory*, II 3b (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8a (third year); Dip. Stats.

Syllabus Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Least squares. Maximum likelihood. Classical and Bayesian methods. Elementary notions of the theory of tests.

Recommended reading A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; D. V. Lindley, *Introduction to Probability and Statistics from a Bayesian Viewpoint*, Vols. I and II.

924 Statistical Theory Problems, Class

Professor Durbin. Thirteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Probability, Distribution and Sampling Theory*, X 4;

XI 5, 6 and 7d; *Theory of Statistical Methods*, X 5 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8a (third year).

925 Statistical Theory Class

Dr Scott. Eight classes, beginning in the third week of the Lent Term.

For B.Sc. (Econ.) Part II: *Statistical Theory*, II 3b (third year).

c) APPLIED STATISTICS

926 Introduction to Statistical Sources

Professor Sir Roy Allen. Ten lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

Note Further treatment of statistical sources and applications is provided in Course No. 930.

For B.Sc. (Econ.) Part II (second year): *Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7d; XV 2b; Dip. Stats. Recommended for M.Sc.: *Economic History*; B.Sc. (Econ.) Part II: special subject Accounting and Finance (second year).

Syllabus The main sources of statistics of population, manpower, production, consumption, prices, trade, national income. The nature and limitations of these statistics: their use in illustrating recent economic movements. Index numbers in practice. The elements of the technique of social surveys.

Recommended reading E. Devons, *An Introduction to British Economic Statistics*; M. G. Kendall (Ed.), *The Sources and Nature of the Statistics of the United Kingdom*; C. A. Moser, *Survey Methods in Social Investigation*; U.K. Central Statistical Office, *New Contributions to Economic Statistics*; *Monthly Digest of Statistics*; *Annual Abstract of Statistics*; *Ministry of Labour Gazette*; *Board of Trade Journal* and other official publications; U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources*, No. 1, *Labour Statistics*; No. 2, *Census Reports of Great Britain, 1801-1931*;

No. 4, *Agricultural and Food Statistics*; No. 6, *Census of Production Reports*; *London and Cambridge Economic Bulletin*; *National Institute Economic Review*.

927 Economic Statistics

Professor Sir Roy Allen and Dr Maunder.

(a) Fifteen classes, Lent and Summer Terms, beginning in the sixth week of the Lent Term.

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7d; XV 2b (second year); Dip. Stats. The classes will be divided into several groups, some mainly non-mathematical, others more mathematical.

(b) Fifteen classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Statistics and Business Accounts*, V 3 (third year).

Syllabus Simple methods of handling economic data; applications of measures of average, dispersion and association and of time series and index numbers. The topics will include manpower and employment, earnings and the cost of living, production and sales, domestic and international trade, national income and the balance of payments.

All students are expected to have attended Course No. 926.

Recommended reading R. G. D. Allen, *Statistics for Economists*; C. A. Blyth, *The Use of Economic Statistics*; E. Devons, *An Introduction to British Economic Statistics*; A. R. Ilesic, *Statistics*; and the main U.K. official statistical publications.

928 Economics Statistics Revision Class

Dr Maunder and others. Six classes, Lent Term, beginning in the fifth week.

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7d; XV 2b (third year). These classes supplement Course No. 927.

929 National Income

Dr Maunder and others. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7d; XV 2b (second year); Dip. Stats.

Syllabus The concept of the national income and capital. The system of national accounts. Measurements in money and real terms. Capital formation, capital consumption and the measurement of the stock of capital; stock appreciation. Inter-industry relations. The use of national accounting data in short-term economic forecasting. Sources of information and the reliability of estimates: taxation, censuses of population, production, distribution and earnings, company reports, sample inquiries, government accounts.

Recommended reading J. R. N. Stone and G. Stone, *National Income and Expenditure*; J. R. N. Stone and G. Croft-Murray, *Social Accounting and Economic Models*; G. Stuvell, *Systems of Social Accounts*; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*; R. Marris, *Economic Arithmetic*; U.K. Central Statistical Office, *National Income and Expenditure* (H.M.S.O., annual); U.K. Central Statistical Office, *National Income Statistics: Sources and Methods* (H.M.S.O., 1956); United Nations, *A System of National Accounts and Supporting Tables* (revised 1960); R. Stone, *Quantity and Price Indexes in National Accounts* (O.E.E.C., 1956); M. Gilbert and others, *Comparative National Products and Price Levels* (O.E.E.C., 1958); D. Paige and G. Bombach, *A Comparison of National Output and Productivity of the U.K. and the U.S.* (O.E.C.D., 1959); R. Stone, *Input-Output and National Accounts* (O.E.C.D., 1961); International Association for Research in Income and Wealth, *Income and Wealth*, Series I and VIII. Further reading will be recommended during the course.

930 International Trade and the Balance of Payments

Professor Sir Roy Allen.

(i) Five lectures, Michaelmas Term (third year).

(ii) Six lectures, Summer Term (second year).

For B.Sc. (Econ.) Part II: *Economic Statistics*, I 6; II 6; III 8c; IV 3b; VI 8h; X 6 and 7d; XV 2b; Dip. Stats.

Syllabus International trade in goods and services, international lending and international transfers. The importance of international trade to the United Kingdom and the relation of the balance of payments to the national income accounts. Terms of trade, indices of prices and volume of trade.

Recommended reading will be given during the course.

931 General Statistics (Second Year)

Mr Kalton. Twenty classes of one-and-a-half hours each, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *General Statistics*, X 8; *General Computing*, XI 8 (second year).

932 General Statistics (Third Year)

Professor Sir Roy Allen. Twenty meetings of one-and-a-half hours each, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *General Statistics*, X 8 (third year).

933 Survey Methods in Social Investigation

Miss Gales. Ten lectures, Lent Term.

For B.A./B.Sc. (Soc.) Branch I, 2 (second year); Branch II, 10c (third year); B.Sc. (Econ.) Part I: alternative subject 8 *Methods of Social Investigation*; Dip. Soc. Admin. (second and one-year); B.Sc. (Soc.) Branch III, 5 (first year); B.Sc. (Soc. Anth.) Part II, 3a; B.Sc. (Geog.) C 12; M.Sc.: *Methods of Sociological Study*, XVIII 2 (preliminary year); Dip. Stats.; Dip. Development Admin. Recommended for graduate students.

Syllabus The nature and evolution of social investigations. Contemporary survey work. Surveys of environment, behaviour and opinions. The planning of surveys. Background of sampling theory. Sample design and sampling techniques. Non-sampling errors and bias. Methods of collecting the data: documents, observation, mail questionnaires, interviewing. Questionnaire design. The processing, analysis and interpretation of data.

Recommended reading F. Yates, *Sampling Methods for Censuses and Surveys*; B. S. Rowntree, *Poverty and Progress*; *New Survey of London Life and Labour*; F. Mosteller (Ed.), *The Pre-Election Polls of 1948*; M. A. Abrams, *Social Surveys and Social Action*; P. Gray and T. Corlett, "Sampling for the Social Survey" (*Journal of the Royal Statistical Society*, 1950); C. Selltitz and others, *Research Methods in Social Relations*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences*; H. H. Hyman and others, *Interviewing in Social Research*; H. H. Hyman, *Survey Design and Analysis*; C. A. Moser, *Survey Methods in Social Investigation*; F. Edwards (Ed.), *Readings in Market Research*; A. Bradford Hill, *Statistical Methods in Clinical and Preventive Medicine*.

933(a) Survey Methods in Social Investigation Class

Miss Gales and others. Five classes, Lent Term, beginning in the sixth week.

For B.Sc. (Econ.) Part I: alternative subject 8 *Methods of Social Investigation*; B.Sc. (Geog.) C 12.

934 Survey Methods Class

Mr Lewis. Fifteen hours, Lent and Summer Terms.

For B.Sc. (Soc.) Branch III (second year).

935 Social Statistics and Survey Methodology Class

Mr Lewis and others. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II: *Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7e (third year).

936 Compound Interest

Mr Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a; *Accounting: Management and Economic Aspects*, I 3b; II 3d; III 3b; IV 6, 7 and 8h; *Accounting*, V 6, 7 and 8 (second year); M.Sc.: *Economic Aspects of Accounting*, I 1 and 2; III 4(xv); *Management Accounting*, XI 4(ii).

Syllabus An introduction to the Annuity Certain, Valuation of Redeemable Securities, Sinking Funds; the determination of interest rates in given transactions and continuous growth.

Recommended reading D. W. A. Donald, *Compound Interest and Annuities-Certain*; W. L. Hart, *Mathematics of Investment*.

937 Actuarial Statistics I

Mr Dyson. Twenty hours, Sessional.

For B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a (second year).

Syllabus Elementary Life Contingencies. Exposed to Risk formulae and the Construction of Life Tables. Theory of Multiple Decrements. Construction of Select Mortality and Multiple Decrement Tables.

Recommended reading R. E. Larson and E. A. Gaumnitz, *Life Insurance Mathematics*; P. F. Hooker and L. H. Longley-Cook, *Life and Other Contingencies*, Vol. I; J. L. Anderson and J. B. Dow, *Actuarial Statistics*, Vol. II; W. G. Bailey and H. W. Haycocks, *Some Theoretical Aspects of Multiple Decrement Tables*.

938 Actuarial Statistics II

Mr Dyson. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a (third year).

Syllabus Comparison of mortality and other experiences; graduation; English life and other standard mortality tables. Students will be expected to have attended Course No. 937.

Statistics, Mathematics and Computing

Recommended reading P. F. Hooker and L. H. Longley-Cook, *Life and Other Contingencies*, Vol. II; H. Tetley, *Actuarial Statistics*, Vol. I; J. L. Anderson and J. B. Dow, *Construction of Mortality and Other Tables (Actuarial Statistics, Vol. II)*; N. L. Johnson and H. Tetley, *Statistics*, Vol. II, chap. 17; Registrar-General's Decennial Supplements (Life Tables), 1931 and 1951.

938(a) Actuarial Statistics II, Classes

Five hours, Summer Term.
Optional for B.Sc. (Econ.) Part II: *Actuarial Statistics*, X 6 and 7a (third year).

(d) COMPUTING AND OPERATIONAL RESEARCH

939 Introduction to Computing (Second Year)

Mr Land. Five lectures, Michaelmas Term, beginning in the sixth week of the Michaelmas Term. Mr Garside. Twenty lectures, Lent and Summer Terms

Whole course: for B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4 (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8d (second year). **Michaelmas Term only:** for M.Sc.: *Automatic Data Processing*, XI 4(iii); M.Sc.: Accounting and Finance. Optional for B.Sc. (Econ.) Part II: *Accounting and Finance*, V 6, 7 and 8 (second year).

Syllabus Functional description of a computer; representation of data. Principles of programming; instructions; decisions; loops, instruction modification. Basic machine coding applied to simple logical and numerical examples, including use of fixed and floating point number representation. Flow charts; program organization; subroutines. Instruction formats; fixed and variable word length. Serial and random access files. Methods for file processing: searching and sorting. Symbolic programming. Automatic programming; assemblers;

compilers; interpretative routines. Problem formulation for computer solution; the intuitive concept of an algorithm and its representations. See also Course No. 980.

Recommended reading T. E. Hull, *Introduction to Computing*; R. S. Ledley, *Programming and Utilizing Digital Computers*; F. J. Gruenberger and G. Jaffray, *Problems for Computer Solution*.

939(a) Introduction to Computing, Second-Year Class

Mr Garside. Twenty classes, Lent and Summer Terms.

939(b) Introduction to Computing, Second-Year Practical Class

Mr Must. Ten hours, Lent Term.

940 Fortran IV

Mr Must. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4; *Numerical Methods and Programming*, X 6 and 7f; XI 5, 6 and 7c; *General Statistics*, X 8 (second year); B.Sc. (Maths.) Part II: 5, 6, 7 and 8c and d (second year).

Syllabus The syntax of the Fortran IV programming language.

Recommended reading R. S. Ledley, *Fortran IV Programming*; D. D. McCracken, *A Guide to Fortran IV Programming*.

940(a) Fortran IV Class

Mr Must. Ten hours, Michaelmas Term.

940(b) Fortran IV Practical Class

Mr Must. Five hours, Michaelmas Term, beginning in the sixth week.

941 Numerical Methods and Programming, Second Year

Mr Must. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II: *Numerical Methods and Programming*, X 6 and 7f;

Statistics, Mathematics and Computing

XI 5, 6 and 7c (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8c (second year).

Syllabus The use of digital computers in the solution of problems in numerical analysis. Fixed and floating point arithmetic. Algorithms for approximation interpolation, numerical integration, solution of linear equations and matrix inversion. Error analysis and error reducing techniques. Applications in statistics.

Random number generation. Monte Carlo methods including variance reducing techniques and simple simulation models.

Recommended reading S. D. Conte, *Elementary Numerical Analysis*; T. R. McCalla, *Introduction to Numerical Methods and Fortran Programming*; J. M. Hammersley and D. C. Handscomb, *Monte Carlo Methods*; T. H. Naylor *et al.*, *Computer Simulation Techniques*.

941(a) Numerical Methods and Programming, Second-Year Class

Mr Must. Nine hours, Summer Term.

941(b) Numerical Methods and Programming, Second-Year Practical Class

Mr Must. Nine classes, Summer Term.

942 Elements of Management Mathematics

Mr Rosenhead and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Elements of Management Mathematics*, IV 6, 7 and 8i; V 2g (third year); M.Sc.: *Management Mathematics*, I 3; Dip. Personnel Management.

Syllabus An introduction to mathematical techniques applied to problems of decision-making in business and industry. Topics treated will include: critical path analysis, vectors and matrices, linear programming, set theory, probability,

stochastic processes, Markov chains, dynamic programming and game theory.

Recommended reading J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*.

942(a) Elements of Management Mathematics and Statistics Class

Lecturers to be announced. Twenty classes, Michaelmas and Lent Terms.

943 Introduction to Management Mathematics

Mr Rosenhead. Nine lectures, Summer Term.

For B.Sc. (Econ.) Part II: *General Computing*, XI 8; *Management Mathematics*, II 3c; X 6 and 7g; XI 5, 6 and 7b (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8h; Dip. Stats.

Syllabus An introduction to mathematical techniques applied to problems of decision-making in business and industry. Topics treated will include: critical path analysis, decision theory, queues, stock control and games theory.

Recommended reading J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*; M. Sasieni, A. Yapan and L. Friedman, *Operations Research*.

943(a) Introduction to Management Mathematics Class

Lecturers to be announced. Eight classes, Summer Term.

944 Numerical Methods and Programming, Third Year

Mr Must. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Numerical Methods and Programming*, X 6 and 7f; XI 5, 6 and 7c (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8c (third year).

Syllabus This course is a continuation of Course No. 941 and will also include:

Statistics, Mathematics and Computing

Interpolation. Tabulation. Approximations to functions of one variable.

944(a) Numerical Methods and Programming, Third-Year Class

Mr Must. Fifteen hours, Michaelmas and Lent Terms, starting in the sixth week of the Michaelmas Term.

945 Introduction to Computing, Third Year

Lecturer to be announced. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4 (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8d (third year).

See also Course No. 972.

946 Management Data Processing Class

Mr Waters and others.

(i) Second Year. Ten hours, Summer Term.

(ii) Third Year. Ten hours, Lent Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a; B.Sc. (Maths.) Part II: 5, 6, 7 and 8g.

These classes are held in conjunction with Courses Nos. 981-4.

947 Management Mathematics

Mr Rosenhead. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Management Mathematics*, II 3c; X 6 and 7g; XI 5, 6 and 7b (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8h (third year); Dip. Stats.

Syllabus Replacement theory. Inventory control. Queueing theory. Dynamic programming. Computer simulation of complex organizations.

Recommended reading A. S. Manne, *Economic Analysis for Business Decisions*;

M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; C. W. Churchman, R. L. Ackoff and E. L. Arnoff, *Introduction to Operations Research*; D. R. Cox, *Renewal Theory*; D. R. Cox and W. L. Smith, *Queues*; R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*.

947(a) Management Mathematics, Third-Year Class

Lecturer to be announced.

Fourteen classes, Michaelmas and Lent Terms, beginning in the second week of the Michaelmas Term.

948 Mathematical Programming

Dr Land and Dr Morton. Fifteen lectures, Michaelmas and Lent Terms.

Whole course for B.Sc. (Econ.) Part II: *Management Mathematics*, II 3c; X 6 and 7g; XI 5, 6, and 7b (third year); B.Sc. (Maths.) Part II: 5, 6, 7 and 8h (third year); Dip. Stats. **First ten lectures optional for B.Sc. (Econ.) Part II:** *Economics treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1 and 2b; XI 2a (third year).

Syllabus The first ten lectures of this course are intended to acquaint students with the formulation of linear programming problems and the properties of their solutions, and to draw attention to their relationship to economic theory. The remaining five lectures (for Management Mathematics students) will be concerned with techniques of solution and formulation of special problems. A familiarity with simple matrix algebra will be assumed.

Recommended reading G. Hadley, *Linear Programming*; S. Vajda, *Readings in Linear Programming; An Introduction to Linear Programming and the Theory of Games*; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis*; K. E. Boulding and W. A. Spivey, *Linear Programming and the Theory of the Firm*.

Statistics, Mathematics and Computing

948(a) Mathematical Programming Class

Dr Land, Dr Morton and others. Fifteen classes, Michaelmas and Lent Terms.

949 General Computing

Mr Must and others.

(i) Second Year. Nine meetings, Summer Term.

(ii) Third Year. Twenty meetings, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *General Computing*, XI 8.

(e) GRADUATE COURSES (STATISTICS)

950 Advanced Probability

Twenty lectures, Michaelmas Term. This course will not be given in the session 1968-69.

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XI 2b; XIX 1.

950(a) Advanced Probability Class

Lecturer to be announced. Five classes, Lent Term.

951 Stochastic Processes I

Mr Hajnal. Ten lectures, Lent Term.

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XI 2b; XIX 1; *Stochastic Processes and Applications*, XI 2a.

Syllabus Markov chains with finite number of states in discrete and continuous time. Renewal theory. Queues.

951(a) Stochastic Processes I, Class

Mr Brackstone. Ten classes, Lent Term.

952 Stochastic Processes II

Mr Hajnal. Ten lectures, Summer Term (two hours a week for the first five weeks of term).

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XI 2b; XIX 1.

952(a) Stochastic Processes II, Class

Mr Hajnal. Five classes, Summer Term.

953 Introduction to Sets and Metric Spaces

(i) Theory

Mr Foldes. Twenty lectures, Michaelmas Term.

For M.Sc.: *Advanced Mathematical Economics I and II*, IV 2(iv) and (v); *Mathematical Logic*, XII 1a; *Elements of Mathematical Logic*, XII 1b.

(ii) Applications

Professor Sargan. Ten lectures, Lent Term.

For M.Sc.: *Advanced Mathematical Economics I and II*, IV 2(iv) and (v).

Syllabus (a) Theory: elementary properties of sets, relations and functions. Equivalence and ordering relations. Cardinal numbers. Metrics, open and closed sets, limits, continuity. Compact and connected sets in metric spaces. Linear and affine spaces, subspaces and functions. Inner products and norms. Convex sets. Separating hyperplanes. Simplexes. Fixed points.

(b) Applications: existence of competitive equilibrium. Existence of dual prices in non-linear programming.

Recommended reading Basic reading: On sets and relations: R. R. Stoll, *Sets, Logic and Axiomatic Theories*, chap. 1, or P. R. Halmos, *Naive Set Theory*. On metric spaces: the relevant sections of A. N. Kolmogorov and S. V. Fomin, *Elements of the Theory of Functions and Functional Analysis*, Vol. I, or K. Kuratowski, *Introduction to Set Theory and Topology*, or S. T. Hu, *Introduction to General Topology*. On vector spaces:

D. Gale, *The Theory of Linear Economic Models*, chap. 2, or relevant sections of P. R. Halmos, *Finite-Dimensional Vector Spaces*.

FURTHER REFERENCES: W. Fenchel, *Convex Cones, Sets and Functions*, esp. chap. 2, S. 6; L. S. Pontriagin, *Outlines of Combinatorial Topology*, S. 1-10; J. Dieudonné, *Foundations of Modern Analysis*.

On applications: G. Debreu, *Theory of Value*; H. W. Kuhn and A. W. Tucker, "Nonlinear Programming" (*Second Berkeley Symposium on Mathematical Statistics and Probability*).

954 Further Distribution Theory

Professor Durbin. Ten lectures, Lent Term.

For M.Sc.: *Probability, Stochastic Processes and Distribution Theory*, XI 2b; XIX 1.

Syllabus Selected topics in the theory of order statistics. Properties of the sample distribution function. Distribution theory of quadratic forms of normally distributed random variables. Approximations to statistical distributions.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I; H. Cramér, *Mathematical Methods of Statistics*; M. Fisz, *Probability Theory and Mathematical Statistics*.

955 Statistical Inference

Dr Scott. Twenty-five lectures, Sessional.

For M.Sc.: *Statistical Methodology and Inference*, XIX 2.

Syllabus Estimation theory. Unbiasedness, minimum variance, sufficiency, completeness, maximum likelihood. The theory of testing hypotheses. Confidence intervals. Inference for linear models. Decision theory. Bayesian methods. Likelihood. Tests of fit. Distribution-free methods. Sequential methods.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vols. II and III; H. Cramér, *Mathematical Methods of Statistics*; S. S. Wilks, *Mathematical Statistics*; E. L. Lehmann, *Testing Statistical Hypotheses*.

955(a) Statistical Inference Class

Dr Scott. Ten classes, Sessional.

956 Multivariate Analysis

Dr Brillinger. Twenty lectures, Michaelmas Term.

(i) **Theory**. Ten lectures.

For M.Sc.: *Statistical Methodology and Inference*, XIX 2.

Syllabus Multivariate distributions. Tests of significance and inference in multivariate analysis. Component analysis. Discriminant analysis. Canonical analysis. Multivariate analysis of variance. Factor analysis.

Recommended reading T. W. Anderson, *Introduction to Multivariate Statistical Analysis*; C. R. Rao, *Linear Statistical Inference and Its Applications*.

(ii) **Applications**. Ten lectures.

For M.Sc.: *Statistical Methodology and Inference*, XIX 2; *Design and Analysis of Statistical Investigation*, II 3(vi); XI 1b; XIX 3.

Syllabus Applications of the techniques indicated in 956(i).

Recommended reading D. F. Morrison, *Multivariate Statistical Methods*; W. W. Cooley and P. R. Lohnes, *Multivariate Procedures for the Behavioural Sciences*.

956(a) Multivariate Analysis Class

Dr Brillinger. Five classes, Lent Term.

957 Ranking and Other Distribution-Free Methods

Professor Stuart. Fifteen lectures, Lent Term.

For M.Sc.: *Design and Analysis of Statistical Investigation*, II 3(vi); XI 1b; XIX 3.

Syllabus The rationale and efficiency of ranking and other distribution-free methods. Tests of independence, tests of randomness and rank correlation coefficients. Normal scores tests. Two-sample and k -sample tests. Sign tests. Intervals for population percentiles.

Tolerance intervals for a distribution. Tests of fit. Confidence intervals for an unknown distribution function.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II (chaps. 30, 31 and 32); M. G. Kendall, *Rank Correlation Methods*; S. Siegel, *Non-parametric Statistics for the Behavioural Sciences*.

958 Selected Techniques of Quantitative Analysis

Mr Gattoni, Professor Durbin and Dr Maunder. Twelve lectures and six classes, Michaelmas and Lent Terms.

For M.Sc.: *Selected Techniques and Model Building*, XIX 4.

Syllabus Analytic techniques, e.g. single and double decrement tables and their applications; standardization and index numbers; relative risks. Seasonal adjustments.

959 Model Building

Dr Phillips. Twelve lectures and six classes, Lent and Summer Terms.

For M.Sc.: *Selected Techniques and Model Building*, XIX 4.

Syllabus Model building, theory, applications and evaluation of policy implications, decision-making. Input-output and flow models; simulation techniques. Data storage and retrieval; record linkage.

960 Causal Analysis

Mr Kalton. Eight lectures and four classes, Lent Term.

For M.Sc.: *Selected Techniques and Model Building*, XIX 4.

Syllabus Causal analysis, including recursive systems, path coefficients, cross-lagged correlations. Effects of measurement error.

961 Applied Problems in Statistics (Seminar)

Dr Phillips, Mr Gattoni, Mr Kalton and others. Ten meetings of one-

and-a-half hours, fortnightly, Michaelmas and Lent Terms.

For M.Sc.: *Selected Techniques and Model Building*, XIX 4.

962 Further Sample Survey Theory and Methods

Mr Kalton. Twenty lectures, Sessional, beginning in the fourth week of the Michaelmas Term.

Note This course presupposes attendance at Course No. 922.

For M.Sc.: *Survey Theory and Methods*, XIX 7.

Syllabus Stratification, controlled selection. Multistage sampling. Area sampling. Multiphase sampling. Selection with unequal probabilities. Ratio and regression estimates. Domains of study. Panel studies. Nonsampling errors.

Recommended reading L. Kish, *Survey Sampling*; W. G. Cochran, *Sampling Techniques* (2nd edn.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. 3 (chaps. 39 and 40); W. E. Deming, *Sample Design in Business Research*; F. Yates, *Sampling Methods for Censuses and Surveys*; M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory*.

962(a) Further Sample Survey Theory and Methods Class

Mr Kalton. Eight classes, Lent and Summer Terms.

963 Survey Design, Execution and Analysis

Mr Kalton and others. Twenty classes of two hours each, Michaelmas and Lent Terms.

For M.Sc.: *Survey Theory and Methods*, XIX 7.

964 Design and Analysis of Experiments

Dr Scott. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Design and Analysis of*

Statistical Investigation, II 3(vi); XI 1b; XIX 3.

Syllabus Principles of experimental design. Randomized blocks. Latin squares. Incomplete blocks. Paired comparisons. Factorial designs. Confounding. Fractional replication. Analysis and interpretation of experimental results. Experimental complications and special analyses.

Recommended reading R. A. Fisher, *The Design of Experiments*; W. G. Cochran and G. M. Cox, *Experimental Designs*; O. L. Davies and others, *The Design and Analysis of Industrial Experiments*; H. Scheffé, *The Analysis of Variance*; D. R. Cox, *The Planning of Experiments*.

964(a) Design and Analysis of Experiments Class

Dr Scott. Five classes, Summer Term.

965 Basic Time-Series Analysis

Professor Durbin. Two hours per week, Michaelmas Term.

For M.Sc.: *Statistical Methodology and Inference*, XIX 2; *Econometric Theory I*, IV 2(ii); XI 4(iv); XIX 5.

Syllabus Basic structure of time series. Stationarity. Autocorrelation. Periodogram and spectrum. Linear models. Elementary treatment of model-fitting in time-series analysis. Effects of autocorrelation on regression analysis. Tests of serial independence.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III; E. J. Hannan, *Time Series Analysis*; C. W. J. Granger, *Spectral Analysis of Economic Time Series*; E. Malinvaud, *Statistical Methods of Econometrics*; A. M. Yaglom, *An Introduction to the Theory of Stationary Random Functions*.

966 Further Time-Series Analysis

Dr Brillinger. Two hours per week, Lent Term.

For M.Sc.: *Econometric Theory II*, IV 2(iii). Optional for M.Sc.: *Econometric*

Theory I, XI 4(iv); XIX 5; *Statistical Methodology and Inference*, XIX 2.

Syllabus Trend estimation and elimination. Forecasting. Estimation of spectrum. Cross-spectral methods. Further treatment of model-fitting. Regression analysis with autocorrelated errors.

Recommended reading C. W. J. Granger, *Spectral Analysis of Economic Time Series*; E. Malinvaud, *Statistical Methods of Econometrics*; E. J. Hannan, *Time Series Analysis*; A. Goldberger, *Econometric Theory*.

967 Prediction and Control by Least Squares Methods

Professor Durbin. Ten lectures, Lent Term.

For M.Sc.: *Econometric Theory II*, IV 2(iii). Optional for M.Sc. *Econometric Theory I*, XI 4(iv); XIX 5; *Statistical Methodology and Inference*, XIX 2.

Recommended reading P. Whittle, *Prediction and Regulation by Linear Least-Square Methods*; H. Theil, *Optimal Decision Rules for Government and Industry*; C. C. Holt, F. Modigliani, J. F. Muth and A. A. Simon, *Planning Production, Inventory and Work Force*.

968 Statistical Aspects of Educational Planning

Professor Blaug, Mr Layard, Dr Phillips and others. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Social Statistics and Survey Methodology*, X 6 and 7c; XI 5, 6 and 7e (third year); M.Sc.: *Educational Statistics*, XIX 8; Dip. Stats.

Syllabus Educational planning in advanced and developing countries. Criteria for priorities. Methods of estimating trends in pupil and student enrolments (at all levels of education). Teacher supply and demand calculation. Computable educational models. Techniques for forecasting manpower needs.

Recommended reading will be given during the course.

968(a) Educational Statistics Class

Dr Phillips. Fifteen classes, Sessional.

969 Fortran Programming

A basic course will be given four times during the session.

(a) Miss Brown and others. First week, Michaelmas Term.

For M.Sc.: Statistics.

(b) Miss Powell and others. First week, Michaelmas Term.

For M.Sc.: Operational Research and M.Sc.: Accounting.

(c) Miss Brown and others. Course lasting five days. Christmas vacation.

(d) Miss Brown and others. Course lasting five days. Easter vacation.

970 Statistical Analysis, Practical Class

Miss Brown. Lent Term.

For M.Sc.: Statistics, *Practical Work*. Fortran computer language will be used.

(f) GRADUATE COURSES (OPERATIONAL RESEARCH)

971 Statistical Theory I

Dr Knott. Forty lectures and ten classes, Michaelmas and Lent Terms.

For M.Sc.: *Statistical Theory I*, XI 1a; Dip. Stats.

Syllabus Probability and distribution theory, regression, analysis of variance and general linear models.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I; A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; O. L. Davies, *Statistical Methods in Research and Production*; R. A. Fisher, *Statistical Methods for Research Workers*.

972 Simulation Methods

Mr M. H. J. Webb. Ten lectures, Michaelmas Term.

For M.Sc.: *Automatic Data Processing*, XI 4(iii); B.Sc. (Econ.) Part II: *Elements of Computer Science*, XI 4; B.Sc. (Maths.) Part II, 5, 6, 7 and 8d (third year).

Syllabus Rigorous models: conditions and limitations of rigorous application. Higher order and combinatorial cost functions of simple variables. Characteristics of combinatorial problems and of rigorous and approximate "optimal" solutions. More complex cost functions. Simulation, the different forms and objectives. Difficulties and limitations. Realism and its associated ethical and judgment problems.

973 Optimization Techniques

Lecturer to be announced. Ten lectures, Lent Term.

For M.Sc.: *Automatic Data Processing*, XI 4(iii).

974 Management Mathematics, Graduate Course

Mr Rosenhead. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Stochastic Processes and Applications*, XI 2a.

Syllabus Replacement theory. Inventory control. Queueing theory. Critical path analysis. Dynamic programming.

Recommended reading M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; C. W. Churchman, R. L. Ackoff and E. L. Arnoff, *Introduction to Operations Research*; D. R. Cox, *Renewal Theory*, D. R. Cox and W. L. Smith, *Queues*, T. L. Saaty, *Elements of Queueing Theory*; A. Battersby, *Network Analysis*; R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*; R. A. Howard, *Dynamic Programming and Markov Processes*.

974(a) Management Mathematics, Graduate Class

Mr Rosenhead. Twenty classes, Michaelmas and Lent Terms.

975 Mathematical Programming, Graduate Course

Dr Land and Dr Morton. Forty lectures, Michaelmas and Lent Terms.

For M.Sc.: *Mathematical Programming*, I 4; IV 2(vi); XI 3; XIX 6.

Syllabus Basic formulations and theorems of mathematical programming: convex point sets, linear and non-linear objective functions. Basic methods of solution. Existence theorems. Special problems. Applications in operational research and economics.

Recommended reading G. Hadley, *Linear Programming*; S. Vajda, *Readings in Linear Programming*; *Mathematical Programming*; D. Gale, *The Theory of Linear Economic Models*; G. B. Dantzig, *Linear Programming and Extensions*; R. L. Graves and P. Wolfe (Eds.), *Recent Advances in Mathematical Programming*.

975(a) Mathematical Programming, Graduate Class

Dr Land, Dr Morton and others. Twenty classes, Michaelmas and Lent Terms.

976 Theory of Games

Dr Morton. Five lectures, Lent Term, beginning in the sixth week.

For M.Sc.: *Mathematical Programming*, I 4; IV 2(iv); XI 3; XIX 6; Dip. Stats. Optional for B.Sc. (Econ.) Part II: *Economics Treated Mathematically*, I 8d; II 7; IV 6, 7 and 8d; V 2f; X 1 and 2b (third year). Recommended for graduate students.

Syllabus The principles of games theory. Zero-sum two-person games in extended and normal form. The minimax principle and its application. Variable sum games and imperfect competition.

Recommended reading R. D. Luce and H. Raiffa, *Games and Decisions*; J. C. C. McKinsey, *Introduction to the Theory of Games*; M. Shubik, *Strategy and Market Structure*; T. C. Schelling, *The Strategy of Conflict*; A. Rapoport, *Fights, Games and Debates*.

977 Economics for Operational Research

Mr Perlman. Ten lectures, Summer Term.

Optional for M.Sc.: Operational Research.

Syllabus An introduction to the principles of macro-economics: the analysis of national income; the price level; employment; the balance of payments—and their application to economic policy.

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

978 Selected Topics in Operational Research

Dr Morton and others. Fifteen meetings, Lent and Summer Terms.

For M.Sc.: *Operational Research Methods*, XI 4(i).

Syllabus In this course a number of theoretical problems arising in operational research will be discussed and several case histories will be presented. It is intended for students having a preliminary acquaintance with the subject.

Recommended reading References to current literature will be provided during the course.

979 Tutorial Class in Operational Research

Dr Land, Dr Morton and Mr Rosenhead. Sessional.

For M.Sc.: Operational Research.

980 Introduction to Computers: Basic Concepts

Mr Land. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: special subject Computing (second year); M.Sc.: *Systems Analysis I*, I 5; XI 4(v); *Automatic Data Processing*, XI 4(iii). Optional for B.Sc. (Econ.) Part II: special subject Accounting and Finance (second year).

Syllabus Input and output devices, central processing unit, backing store, software, survey of applications.

Recommended reading C. O. Elliot and R. S. Wasley, *Business Information Processing Systems*.

981 Business Information Systems

Dr Losty. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (second year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (second year); M.Sc.: *Systems Analysis I*, I 5; XI 4(v).

Syllabus The nature of business information. Information related to the functions of management; planning, control, organizing, communication and decision-making. Total and integrated systems.

Recommended reading J. Dearden and F. W. McFarlan, *Management Information Systems*; the following journals: *Data Systems*; *Data Processing*.

982 Data Processing Methods

Mr Land. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (third year); M.Sc.: *Systems Analysis I*, I 5; XI 4(v); *Automatic Data Processing*, XI 4(iii).

Syllabus Data capture and data transmission. System protection and error recovery. Coding systems. Organization of program suites.

Recommended reading R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*; H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*.

983 File Processing

Mr Waters. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (third year); M.Sc.: *Systems Analysis I*, I 5; XI 4(v); *Automatic Data Processing*, XI 4(iii).

Syllabus Records and files. Serial and direct access methods. Real time systems. Information retrieval. COBOL.

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*; D. D. McCracken, *A Guide to COBOL Programming*.

984 Methodology of Systems Analysis

Dr Losty. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II: *Management Data Processing*, XI 5, 6 and 7a (third year); B.Sc. (Maths.) Part II, 5, 6, 7 and 8g (third year); M.Sc.: *Systems Analysis I*, I 5; XI 4(v).

Syllabus Systems analysis and design. Analysis, synthesis, evaluation, implementation and maintenance.

Recommended reading H. N. Laden and T. R. Gildersleeve, *Systems Design for Computer Applications*; R. H. Gregory and R. L. Van Horn, *Business Data Processing and Programming*.

985 Systems Analysis I, Class

Dr Losty, Mr Land and others. Twenty classes, Sessional.

For M.Sc.: *Systems Analysis I*, I 5; XI 4(v).

986 Advanced Systems Analysis Methodology

Mr Land and others. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *Systems Analysis II*, I 5; XI 4(vi).

Syllabus Feasibility and evaluation of systems. Project management, standards in data processing. Application packages and computer languages. Information retrieval. The computer utility.

Recommended reading D. H. Brandon, *Management Standards for Data Processing*; J. Dearden and F. W. McFarlan, *Management Information Systems*.

987 Information and Business Functions

Dr Losty. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.: *Systems Analysis II*, I 5; XI 4(vi).

Syllabus Information related to the functions of business; marketing, production control, manpower planning and administrative systems. Examination of some operating computer-based systems. Integration of business functions. Real time and on line systems. Some general properties of systems.

Recommended reading J. Dearden and F. W. McFarlan, *Management Information Systems*.

988 Organization and Computers

Mr M. H. J. Webb. Five lectures, Lent Term.

For M.Sc.: *Systems Analysis II*, I 5; XI 4(vi).

Syllabus Management and computers, organization of industry. Case studies.

Recommended reading The following journals: *Data Systems*; *Data Processing*; *Business Management*.

989 Systems Analysis II, Class

Dr Losty, Mr Land and others. Twenty-five classes, Sessional.

For M.Sc.: *Systems Analysis II*, I 5; XI 4(vi).

Note Students are also referred to Course No. 762.

(g) OTHER GRADUATE COURSES

990 Further Statistical Methods

Mr Kalton. Twenty lectures, Sessional.

For M.Sc.: *Methods of Sociological Study*, II 3(i); XVIII 2. (Students should attend this course or Course No. 861 or 991.) Also for graduate students in Psychology.

It will be assumed that students have a knowledge of statistics to the standard of Course No. 911.

Syllabus Elements of matrix algebra. Analysis of variance and covariance. Multiple regression. Factor analysis.

Recommended reading H. M. Blalock, *Social Statistics*; N. Draper and H. Smith, *Applied Regression Analysis*; T. Yamane, *Statistics, an Introductory Analysis*; W. L. Hays, *Statistics for Psychologists*; M. H. Quenouille, *Associated Measurements*; H. H. Harman, *Modern Factor Analysis*; L. L. Thurstone, *Multiple-factor Analysis*; D. R. Cox, *Planning of Experiments*; M. J. Moroney, *Facts from Figures*.

991 Mathematical Methods in Sociology

Dr Morton. Five lectures and five classes, Summer Term.

For M.Sc.: *Methods of Sociological Study*, II 3(i); XVIII 2. (Students should attend this course or Course No. 861 or 990.)

Recommended reading J. O. Bartos, *Mathematical Models of Group Behaviour*.

992 Statistics Seminar

Professor Sir Roy Allen, Professor Durbin and Professor Stuart will hold a fortnightly seminar throughout the session.

For graduate students. Others may attend by permission of the professors concerned.

993 Joint Statistics Seminar

A fortnightly seminar on statistical theory and its applications will be held in conjunction with Birkbeck College, Imperial College and University College throughout the session. Further information about the seminar may be obtained from Professor Durbin or Professor Stuart.

L.S.E. Books

Some recent volumes are described below. A full catalogue of books in print can be obtained from the Publications Officer, The London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2.

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ALFRED ZAUBERMAN

Reader in Economics at the London School of Economics and Political Science
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"The book is to be valued . . . for its undoubted success in bringing together, summarizing concisely and comparing with its Western counterpart, the vast mathematical economic literature which has appeared in recent years in the Soviet bloc. . . . His book, to the best of my knowledge, is the only one of its kind and will be indispensable to any economist wishing to familiarize himself with the latest trends in Soviet economic thought." Andrea Maneschi

xiv + 318 pp., 8 $\frac{3}{4}$ " × 5 $\frac{1}{2}$ ", 1967, cloth, 63s. net

Published for the School by The Athlone Press in the series *Papers in Soviet and East European Law, Economics and Politics*

Also in the series

State and Law: Soviet and Yugoslav Theory by Ivo Lapenna, 25s. net

Traffic and Industry

A study of traffic generation and spatial interaction

D. N. M. STARKIE

L.S.E. Geographical Papers No. 3

80 pp., 10 maps and diagrams in text, numerous tables, 8 $\frac{1}{2}$ " × 5 $\frac{1}{2}$ ", 1967, paper covers, 16s. net

Town Government in South East England

A comparative study of six local authorities

GERALD RHODES

Based on field studies by M. D. Goldrick, L. T. Sweetman, and B. Wood
Greater London Papers No. 12

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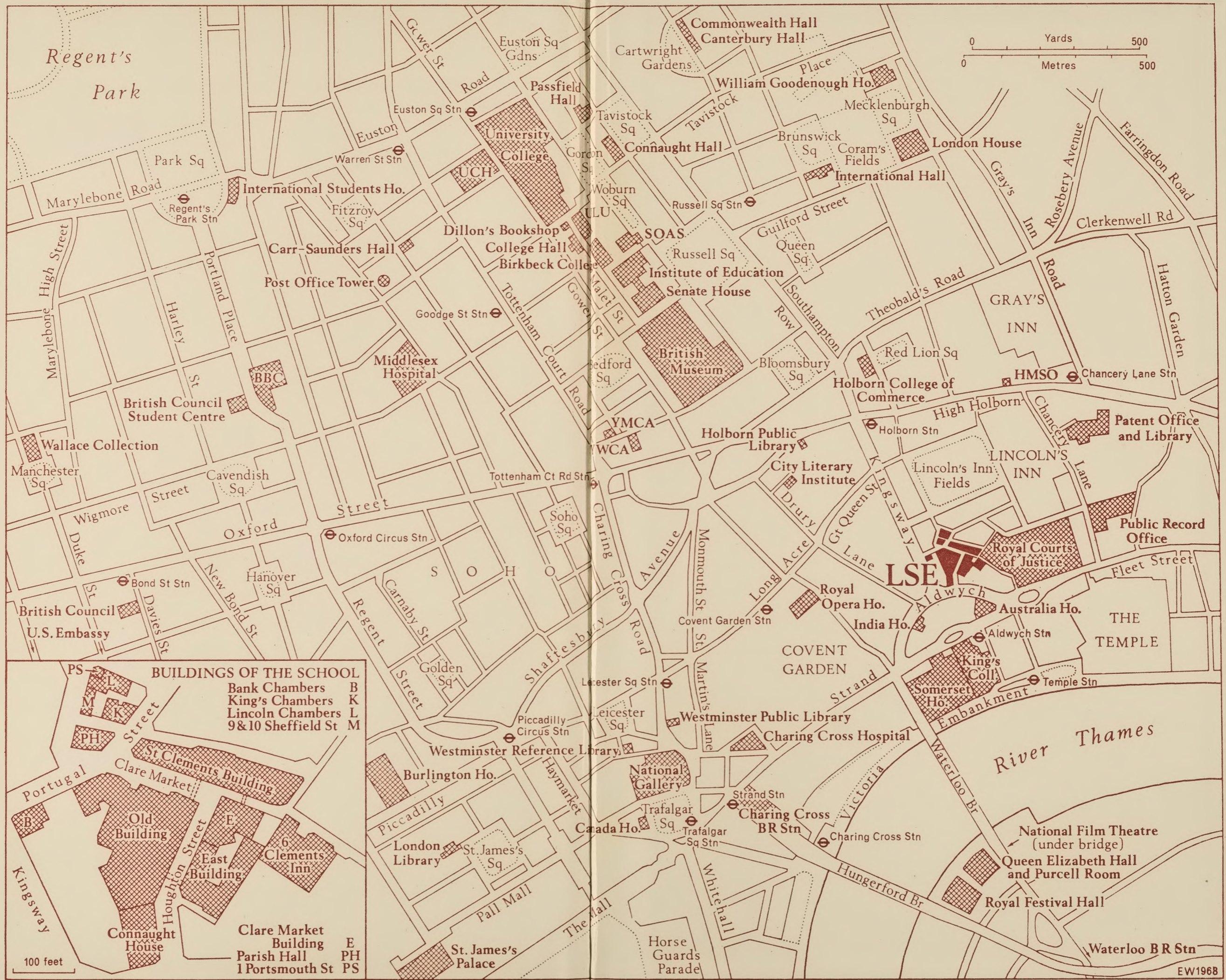
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BUILDINGS OF THE SCHOOL

Bank Chambers	B
King's Chambers	K
Lincoln Chambers	L
9&10 Sheffield St	M

PS
 L
 M
 K
 PH
 Street
 Portugal
 Clare Market
 St Clements Building
 Old Building
 East Building
 6 Clements Inn
 Houghton Street
 Connaught House
 Clare Market Building
 Parish Hall
 1 Portsmouth St
 E
 PH
 PS

100 feet

