
REPUBLICA · COGNOSCERE · CAUSAS

PASSFIELD HALL

The London School of Economics and Political Science

A School of the University of London

CALENDAR

1962-63

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

TABLE OF CONTENTS

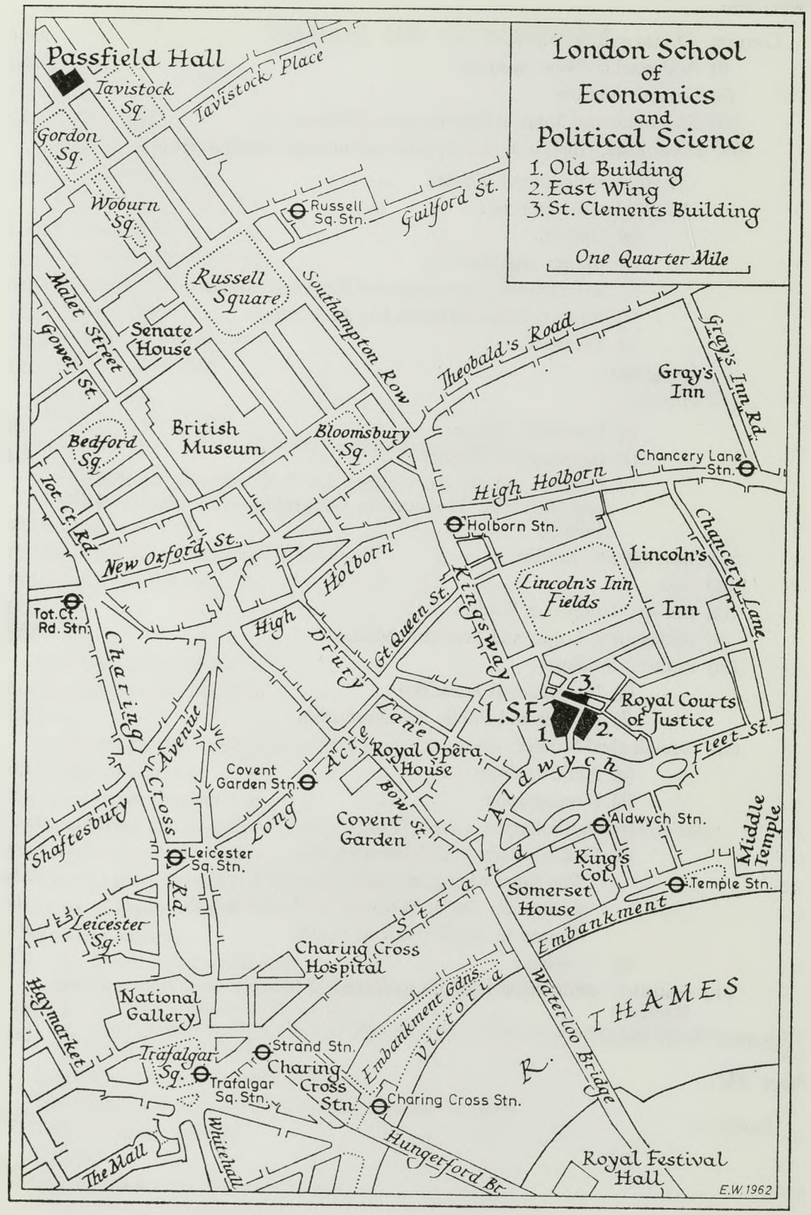
Part I.

Part II.

Part III.

Part IV.

LOCATION OF THE SCHOOL



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

Telephone Number: Holborn 7686.

Telegrams: Poleconics, Estrand.

Office Hours for Enquiries:

Registry (Room 60)

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

and additionally during term time:

Michaelmas and Lent Terms

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

Summer Term

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

Admissions Office (Room 52)

Monday to Friday:	2.0 p.m. to 4.30 p.m. Evening students by appointment.

Timetables Office (Room 56)

Monday to Friday:	11.30 a.m. to 12.30 p.m. 3.30 p.m. to 4.30 p.m. Evening students by appointment.

Official Publications:

Calendar of the School (bound in boards), £1 1s. 0d. post free.
The Annual Report by the Director on the Work of the School.
Handbook of Undergraduate Courses.
The Graduate School.
Department of Anthropology.
Department of Statistics and Computational Methods.
Joint School of Geography.
Academic Postgraduate Diploma in Public Administration.
Department of Business Administration.
Course in Industrial Financing.
Diploma in Economic and Social Administration.
Economics for Engineers and Applied Scientists.

Diploma in Operational Research.

Short Course in Operational Research.

Joint Postgraduate Studies in Technology, Economics and Administration.

Department of Social Science and Administration.

Personnel Management Course.

Professional Social Work Courses.

Certificate in International Studies.

Trade Union Studies.

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

DATES OF TERMS

1962-63

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

LENT TERM: Wednesday, 9 January to Tuesday, 19 March 1963.

SUMMER TERM: Wednesday, 24 April to Friday, 28 June 1963.

1963-64

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

CALENDAR 1962–63

(University functions in Italics.)

OCTOBER 1962

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

NOVEMBER 1962

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

DECEMBER 1962

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

JANUARY 1963

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

FEBRUARY 1963

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

MARCH 1963

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

APRIL 1963

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

MAY 1963

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

JUNE 1963

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

JULY 1963

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

PART I
GENERAL INFORMATION

THE COURT OF GOVERNORS

Chairman:

The Right Hon. Lord Bridges, G.C.B., G.C.V.O., M.C., M.A., D.Litt., LL.D., D.C.L., F.R.S.

Vice-Chairman:

F. E. Harmer, C.M.G., M.A.

Secretary to the Governors:

The Director

The Right Hon. The Countess of Albemarle, D.B.E., D.Litt., D.C.L., LL.D.
W. M. Allen, B.Sc.Econ., M.A.
Dame Kitty Anderson, D.B.E., B.A., Ph.D.
Sir Harold Barton, F.C.A., K.St.J.
Sir Hugh Beaver, K.B.E., LL.D., D.Sc.Econ., M.Inst.C.E., M.I.Chem.E., M.E.I.C.
Sir Harold Bellman, M.B.E., LL.D., D.L., J.P.
[1]Norman Bentwich, O.B.E., M.C., LL.D. (to 31 August 1964).
[4]G. H. Bolsover, O.B.E., M.A., Ph.D. (to 31 December 1962).
Sir George Bolton, K.C.M.G.
Sir John Braithwaite.
R. J. F. Burrows, M.A., LL.B.
The Right Hon. R. A. Butler, C.H., M.A., LL.D., D.C.L., M.P.
H. Butterfield, D.Lit., LL.D., D.Litt., Litt.D., M.A.
Sir Jock Campbell.
[3]W. H. B. Carey, B.Sc.Econ., F.C.A.
Sir Alexander Carr-Saunders, K.B.E., M.A., LL.D., Litt.D., D. en Droit, D.Litt., D.Sc.Econ., F.B.A.
S. P. Chambers, C.B., C.I.E., B.Com., M.Sc.Econ.
Sir Geoffrey Crowther, M.A., LL.D., D.Sc.Econ.
[1]C. G. Dennys, C.B., M.C. (to 31 August 1964).

---

[1]Representing the London County Council.
[3]Representing the London School of Economics Society.
[4]Representing the Senate of the University of London.

Miss L. M. Dugdale, B.Sc., F.I.S.
Miss E. V. Evans, B.A.
The Right Hon. Lord Evershed, M.A., LL.D., D.C.L., D.Litt., F.S.A.
L. Farrer-Brown, C.B.E., B.Sc.Econ., LL.D., J.P.
Victor Feather, C.B.E.
E. G. M. Fletcher, B.A., LL.D., F.S.A., M.P.
A. N. Gilkes, M.A.
The Right Hon. The Earl of Halsbury, B.Sc.
Sir Edwin Herbert, K.B.E., LL.D.
The Right Hon. Lord Heyworth, D.C.L., LL.D.
J. R. Hicks, M.A., D.Sc.Econ., F.B.A.
Sir Alan Hitchman, K.C.B., B.A.
H. V. Hodson, M.A.
Bernard Hollowood, M.Sc.Econ., F.R.S.A.
J. K. Horsefield, C.B., M.A.
The Right Hon. Lord Hurcomb, G.C.B., K.B.E., M.A.
Sir Harry Jephcott, Bt., D.Sc., F.R.I.C., F.P.S.
[2]O. Kahn-Freund, LL.M., Dr. Jur. (to 31 July 1963).
Sir Frank Lee, G.C.M.G., K.C.B.
Sir Percivale Liesching, G.C.M.G., K.C.B., K.C.V.O., M.A.
[4]Sir Patrick Linstead, C.B.E., M.A., D.Sc., F.R.I.C., D.I.C., F.R.S. (to 31 December 1962).
Sir Andrew McFadyean, M.A.
Sir George Maddex, K.B.E., F.I.A.
T. H. Marshall, C.M.G., M.A.
J. E. Meade, C.B., M.A., F.B.A.
The Right Hon. Lord Molson, M.A.
Sir Otto Niemeyer, G.B.E., K.C.B., B.A.
Sir George North, C.B., M.C., LL.D.
[2]M. J. Oakeshott, M.A. (to 31 July 1965).
Miss M. Osborn, M.A.
[1]John Parker, M.A., M.P. (to 31 August 1964).
Sir David Hughes Parry, Q.C., M.A., LL.M., LL.D., D.C.L.
F. J. Pedlar, M.A.
The Right Hon. Lord Piercy, C.B.E., B.Sc.Econ.
Sir James Pitman, K.B.E., M.A., M.P.
The Most Reverend and Right Hon. A. M. Ramsey, D.D., Archbishop of Canterbury.
[1]Harold Raynes, F.I.A. (to 31 August 1964).
Sir George Reid, K.B.E., C.B., B.Sc.Econ.

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

[2]The Right Hon. Lord Robbins, C.B., B.Sc. Econ., M.A., D. Litt., L.H.D., LL.D., Dr. of the Universidades Técnica de Lisbõa, F.B.A. (to 31 July 1964).
[4]K. E. Robinson, M.A., F.R.Hist.S. (to 31 December 1962).
The Right Hon. Lord Salter, G.B.E., K.C.B., M.A., D.C.L., LL.D.
R. S. F. Schilling, M.D., M.R.C.P., D.P.H., D.I.H.
Miss B. N. Seear, B.A. (to 31 July 1967).
F. Seebohm, T.D.
Dame Evelyn Sharp, G.B.E., B.A., D.C.L., LL.D.
Dame Mary Smieton, D.B.E., M.A.
M. J. Babington Smith, C.B.E.
Sir Alexander Spearman, M.P.
Sir Gordon Sutherland, Sc.D., LL.D., F.R.S.
G. Tugendhat, M.Sc.Econ., LL.D.
D. Tyerman, B.A.
[1]L. L. Ware, B.Sc., M.A., Ph.D., A.R.C.S., D.I.C. (to 31 August 1964).
Sir Reginald Wilson, B.Com., M.Inst.T.
[2]M. J. Wise, M.C., B.A., Ph.D. (to 31 July 1966).
The Hon. C. M. Woodhouse, D.S.O., O.B.E., M.A., M.P.
The Right Hon. Kenneth Younger, M.A.

Honorary Governors

W. G. S. Adams, C.H., M.A., D.C.L.
E. B. Baring.
The Right Hon. Lord Beveridge, K.C.B., M.A., B.C.L., D.Sc.Econ., LL.D., D.Litt., F.B.A.
The Right Hon. Lord Wright, G.C.M.G., LL.D., F.B.A.

Committees of the Court of Governors

Standing Committee

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
Lady Albemarle
Sir Jock Campbell
Mr. L. Farrer-Brown
Mr. V. Feather
Sir Edwin Herbert
Sir Alan Hitchman
Professor O. Kahn-Freund
Sir George Maddex

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

Professor M. J. Oakeshott
Lord Robbins

BUILDING COMMITTEE
Mr. F. E. Harmer (Chairman)
The Director
Mr. L. Farrer-Brown
Sir Alan Hitchman
Professor E. H. Phelps Brown
Professor B. C. Roberts
Dr. D. G. Valentine
Professor M. J. Wise

LIBRARY COMMITTEE
The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director } *ex officio*
The Librarian } *ex officio*
The Secretary } *ex officio*
Mr. L. Farrer-Brown
Mr. R. H. Hill
Professor O. Kahn-Freund
Dr. L. L. Ware
Mr. R. A. Wilson
Dr. A. R. Bridbury } representing the Academic Board
Dr. B. A. Corry } representing the Academic Board
Dr. B. R. Crick } representing the Academic Board
Professor D. G. MacRae } representing the Academic Board
Professor B. S. Yamey } representing the Academic Board

RESEARCH COMMITTEE
The Director } *ex officio*
The Secretary } *ex officio*
Professor E. Devons (Chairman, Economics Research Division)
Professor M. J. Wise (Chairman, Geographical and Anthropological Research Division)
Professor H. R. G. Greaves (Chairman, Government Research Division)
Professor S. A. de Smith (Chairman, Legal Research Division)
Professor D. V. Glass (Chairman, Social Research Division)
Professor J. Durbin (Chairman, Research Techniques Division)
Dr. M. S. Anderson
Professor D. V. Donnison
Professor R. W. Firth
Professor F. W. Paish
Professor B. C. Roberts

HONORARY FELLOWS

The Right Hon. Lord ATTLEE, K.G., O.M., C.H., M.A., D.C.L., LL.D., D.Litt., F.R.S., F.R.I.B.A.
Sir HUGH BEAVER, K.B.E., LL.D., D.Sc.Econ., M.Inst.C.E., M.I.Chem.E., M.E.I.C.
Señor DON PEDRO BELTRÁN, B.Sc.Econ.
The Right Hon. Lord BEVERIDGE, K.C.B., M.A., B.C.L., D.Sc.Econ., LL.D., D.Litt., F.B.A.
Sir ALEXANDER CARR-SAUNDERS, K.B.E., M.A., LL.D., Litt.D., D. en Droit, D.Litt., D.Sc.Econ., F.B.A.
S. P. CHAMBERS, C.B., C.I.E., B.Com., M.Sc.Econ.
H. C. COOMBS, M.A., Ph.D.
W. F. CRICK, C.B.E., B.Com.
W. M. DACEY, B.Sc.Econ.
A. M. EL-KAISSOUNI, B.Com., B.Sc.Econ., Ph.D.
Miss E. V. EVANS, B.A.
Sir THEODORE GREGORY, D.Sc.Econ.
F. C. JAMES, LL.D., D.C.L., D.Sc., D.Sc.Econ., D. de l'Université.
The Right Hon. A. JONES, B.Sc.Econ., M.P.
W. T. C. KING, B.Com., Ph.D.
W. A. LEWIS, B.Com., Ph.D., M.A., L.H.D.
G. L. MEHTA, M.A., LL.D.
V. K. KRISHNA MENON, B.A., M.Sc.Econ., LL.D.
B. K. NEHRU, B.Sc., B.Sc.Econ.
Sir OTTO NIEMEYER, G.B.E., K.C.B., B.A.
I. OLSHAN, LL.B.
Sir DAVID HUGHES PARRY, Q.C., M.A., LL.M., LL.D., D.C.L.
The Right Hon. Lord PIERCY, C.B.E., B.Sc.Econ.
L. RASMINSKI, C.B.E., B.A., LL.D.
Sir DENNIS ROBERTSON, C.M.G., M.A., D.Comm., Litt.D., D.Econ., D.Sc.Econ., D.H.L., F.B.A.
The Right Hon. The EARL RUSSELL, O.M., F.R.S.
W. H. SALES, B.Sc.Econ.
G. L. SCHWARTZ, B.A., B.Sc.Econ.
Mrs. M. D. STOCKS, B.Sc.Econ., LL.D., Litt.D.
G. TUGENDHAT, M.Sc.Econ., LL.D.
J. VINER, M.A., Ph.D., LL.D., L.H.D., F.B.A.
The Hon. J. WEDGWOOD, B.Sc.Econ.
Sir HORACE WILSON, G.C.M.G., C.B.E., G.C.B., LL.D.
Miss EILEEN YOUNGHUSBAND, C.B.E., LL.D., J.P.

ACADEMIC STAFF

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

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

*The Director

*B. Abel-Smith, M.A., Ph.D. (Cantab.); Reader in Social Administration.
Olga L. Aikin, LL.B.; Lecturer in Law.
*R. F. G. Alford, B.Sc.Econ.; Lecturer in Economics.
*R. G. D. Allen, C.B.E., M.A. (Cantab.), D.Sc.Econ., F.B.A.; Professor of Statistics.
*M. S. Anderson, M.A., Ph.D. (Edinburgh); Reader in International History.
G. C. Archibald, M.A. (Cantab.), B.Sc.Econ.; Lecturer in Economics.
P. C. I. Ayre, B.Sc.Econ.; Assistant Lecturer in Economics.
D. Banerjee, B.Sc.Econ.; Assistant Lecturer in Economics.
M. H. Banks, B.Sc.Econ., M.A. (Lehigh); Assistant Lecturer in International Relations.
*T. C. Barker, M.A. (Oxon.), Ph.D. (Manchester); Lecturer in Economic History.
*P. T. Bauer, M.A. (Cantab.); Professor of Economics (with special reference to Underdeveloped Countries and Economic Development).
*W. T. Baxter, B.Com. (Edinburgh), C.A.; Professor of Accounting.
A. J. Beattie, B.Sc.Econ.; Assistant Lecturer in Political Science.
M. E. Beesley, B.Com., Ph.D. (Birmingham); Rees Jeffreys Research Fellow in the Economics and Administration of Transport.
M. Beeson, B.Sc.; Senior Research Officer, Survey Research Unit of the Research Techniques Division.
*Leslie H. Bell, M.A.; Lecturer in Social Science.

W. A. Belson, B.A. (Sydney), Ph.D.; Research Fellow in Survey Psychology, Research Techniques Division.
B. Benedict, A.B. (Harvard), Ph.D.; Lecturer in Social Anthropology.
*H. S. Booker, M.Sc.Econ.; Senior Lecturer in Statistics.
*T. B. Bottomore, M.Sc.Econ.; Reader in Sociology.
K. Bourne, B.A., Ph.D.; Lecturer in International History.
*A. R. Bridbury, B.Sc.Econ., Ph.D.; Lecturer in Economic History.
R. P. Brooker, LL.B., A.S.A.A., A.C.C.S.; Lecturer in Accounting.
*E. H. Phelps Brown, M.B.E., M.A. (Oxon.), F.B.A.; Professor of the Economics of Labour.
*Lucy M. Brown, M.A. (Cantab.), Ph.D.; Lecturer in History.
Margaret H. Browne, M.A. (Cantab.); Research Officer, Economics Research Division.
H. N. Bull, B.A. (Sydney), B.Phil. (Oxon.); Lecturer in International Relations.
Zofia T. Butrym, A.M.I.A.; Lecturer in Social Casework.
*N. H. Carrier, M.A. (Cantab.); Reader in Demography.
*Alice M. C. Carter, M.A.; Lecturer in History.
*Eleanora M. Carus-Wilson, M.A.; Professor of Economic History.
R. H. Cassen, B.A. (Oxon.); Assistant Lecturer in Economics.
*F. P. Chambers, M.A. (Cantab.), A.R.I.B.A.; Senior Lecturer in International Relations.
*R. Chapman, M.A. (Oxon.), M.A.; Lecturer in English.
*K. M. Clayton, M.Sc. (Sheffield), Ph.D.; Lecturer in Geography.
Michalina E. F. Clifford-Vaughan, D.en Droit (d'Etat) (Paris), Diplômée de l'Institut d'Etudes Politiques (Paris), F.I.L.; Assistant Lecturer in Sociology.
*Christine Cockburn, M.A. (Aberdeen); Senior Lecturer in Social Science.
*D. C. Coleman, B.Sc.Econ., Ph.D.; Reader in Economic History.
Olive P. Coleman, M.A.; Senior Research Officer, Economics Research Division.
W. R. Cornish, LL.B. (Adelaide); Assistant Lecturer in Law.
†B. A. Corry, B.Sc.Econ., Ph.D.; Lecturer in Economics.
M. Cranston, M.A., B.Litt. (Oxon.), F.R.S.L.; Lecturer in Political Science.
†B. R. Crick, B.Sc.Econ., Ph.D.; Lecturer in Political Science.
W. F. Crick, C.B.E., B.Com.; Honorary Research Fellow.
J. R. Crossley, B.Sc.Econ.; Lecturer in Economics.
*A. C. L. Day, B.A. (Cantab.); Reader in Economics.
Isabel De Madariaga, B.A., Ph.D.; Assistant Lecturer in International History.

J. W. Derry, M.A., Ph.D. (Cantab.); Assistant Lecturer in Political Science.
*E. Devons, M.A. (Manchester); Professor of Commerce (with special reference to International Trade).
A. L. Diamond, LL.M.; Lecturer in Law.
D. N. Dilks, B.A. (Oxon.); Assistant Lecturer in International History.
Alison G. Doig, M.A., B.Sc. (Melbourne); Lecturer in Statistics.
*D. V. Donnison, B.A. (Oxon.); Professor of Social Administration.
*R. P. Dore, B.A.; Reader in Sociology (with special reference to the Far East).
B. W. M. Downey, LL.B.; Lecturer in Law.
*J. Durbin, M.A. (Cantab.); Professor of Statistics.
G. Dworkin, LL.B. (Nottingham); Lecturer in Law.
*H. C. Edey, B.Com., F.C.A.; Professor of Accounting.
†Charlotte J. Erickson, M.A., Ph.D. (Cornell); Lecturer in Economic History.
R. C. Estall, B.Sc.Econ.; Lecturer in Geography.
D. M. E. Evans, LL.B. (Wales), B.C.L. (Oxon.); Assistant Lecturer in Law.
*R. W. Firth, M.A. (New Zealand), Ph.D., F.B.A.; Professor of Anthropology.
*F. J. Fisher, M.A.; Professor of Economic History.
*L. P. Foldes, B.Com., M.Sc.Econ.; Reader in Economics.
R. A. D. Forder, B.A. (Cantab.); Lecturer in Social Science.
J. A. W. Forge, M.A. (Cantab.); Assistant Lecturer in Social Anthropology.
*F. G. Foster, B.A. (Belfast), D.Phil. (Oxon.); Reader in Statistical Computing.
*M. Freedman, M.A., Ph.D.; Reader in Anthropology.
Kathleen E. Gales, B.A. (Cantab.), M.A. (Ohio); Lecturer in Statistics.
M. J. Garside, B.Sc.Econ.; Research Officer, Research Techniques Division, and part-time Lecturer in Statistics.
*E. A. Gellner, M.A. (Oxon.); Professor of Philosophy with special reference to Sociology.
S. D. Gervast, B.A. (Oxon.); Assistant Lecturer in Economics.
*D. V. Glass, B.Sc.Econ., Ph.D.; Martin White Professor of Sociology.
*G. L. Goodwin, B.Sc.Econ.; Reader in International Relations (with special reference to International Institutions).
Eleanora Gottlieb ; Assistant Lecturer in Russian.
J. R. Gould, B.Sc.Econ.; Lecturer in Economics.
*S. J. Gould, M.A. (Oxon.); Reader in Social Institutions.
J. A. G. Grant, B.A. (Toronto); Assistant Lecturer in Economics.
*H. R. G. Greaves, B.Sc.Econ.; Professor of Political Science.

A. J. Greve, B.Sc.Econ.; Lecturer in Social Administration.
*J. A. G. Griffith, LL.M.; Professor of English Law.
*G. A. Grün, M.A. (Cantab.); Lecturer in International History.
*C. Grunfeld, M.A., LL.B. (Cantab.); Reader in Law.
*J. Hajnal, M.A. (Oxon.); Reader in Demography.
A. C. Hamblin, B.A. (Oxon.); Research Officer, Social Research Division.
F. E. I. Hamilton, B.Sc.Econ.; Assistant Lecturer in Geography.
D. G. Harper, B.A.; Research Officer in Social Psychology.
J. N. Harré, B.A. (Auckland); Assistant Lecturer in Social Anthropology.
*R. J. Harrison-Church, B.Sc.Econ., Ph.D.: Reader in Geography.
Phyllis E. Harwood, B.Sc.Econ., A.M.I.A.; Tutor and Adviser in Social Studies.
*Ragnhild M. Hatton, Cand. Mag. (Oslo), Ph.D., F.R.Hist.S.; Reader in International History.
G. Hauser, Dr. oec. Publ. (Zurich); Research Officer, Economics Research Division.
*H. Hearder, B.A., Ph.D.; Lecturer in International History.
Rosalyn Higgins, B.A., LL.B. (Cantab.) ; Junior Fellow in International Studies.
*Hilde Himmelweit, M.A. (Cantab.), Ph.D.; Reader in Psychology.
P. Hodge, Diploma in Social Studies (Nottingham); Lecturer in Social Administration; Tutor for the Course in Economic and Social Administration.
Christina Holbraad, B.Sc. (Soc.); Research Officer, Social Research Division.
R. Holmes, B.A. (Exeter and London); Lecturer in Industrial and Social Psychology.
R. G. Hood, B.Sc.(Soc.); Research Officer, Survey Research Unit, Research Techniques Division.
*W. H. N. Hotopf, M.A. (Cantab.); Lecturer in Psychology.
D. A. Howell, M.A. (Oxon.), D.P.A.; Research Officer, Sociological Research Unit.
C. I. Jackson, B.A., M.Sc., Ph.D. (McGill); Lecturer in Geography.
A. M. James, B.Sc.Econ.; Lecturer in International Relations.
*A. H. John, B.Sc.Econ., Ph.D. (Cantab.); Reader in Economic History.
*D. H. N. Johnson, M.A., LL.B. (Cantab.); Professor of International and Air Law.
*E. Jones, M.Sc., Ph.D. (Wales); Professor of Geography.
J. L. Joy, B.Sc.Econ.; Lecturer in Economics.
*Helen O. Judd, M.A. (Edinburgh), J.P.; Lecturer in Social Science.

E. J. de Kadt, B.Sc.Soc., M.A. (Columbia); Assistant Lecturer in Sociology.
*O. Kahn-Freund, LL.M., Dr. Jur. (Frankfurt); Professor of Law.
G. G. W. Kalton, M.Sc.Econ.; Assistant Lecturer in Social Statistics.
*E. Kedourie, B.Sc.Econ.; Reader in Political Studies with special reference to the Middle East.
M. H. Kennedy, B.A. (Toronto), C.A. (Quebec); Lecturer in Accounting.
K. Klappholz, B.Sc.Econ.; Lecturer in Economics; Tutor for the Course in Economic and Social Administration.
*A. D. Knox, B.A. (Toronto); Reader in Economics (with special reference to the Economics of Underdeveloped Countries).
E. A. Kuska, B.A. (Idaho); Assistant Lecturer in Economics.
*Jessie A. Kydd, M.B.E., M.A., B.Com. (Edinburgh); Senior Lecturer in Social Science.
I. Lakatos, Dr.Phil. (Debrecen), Ph.D. (Cantab.); Lecturer in Logic and Scientific Method.
*Audrey M. Lambert, B.A., Ph.D.; Lecturer in Geography.
Lorraine F. Lancaster, B.A. (Sydney), Academic Postgraduate Diploma in Social Anthropology; Lecturer in Anthropology.
Ailsa H. Land, B.Sc.Econ., Ph.D.; Lecturer in Operational Research.
I. Lapenna, Dr.Jur. (Zagreb); Research Fellow in Soviet and East European Law.
*Hilda I. Lee, M.A.; Lecturer in International History.
*R. G. Lipsey, B.A. (British Columbia), M.A. (Toronto), Ph.D.; Professor of Economics.
A. N. Little, B.Sc.Soc., Ph.D.; Lecturer in Sociology.
T. A. Lynes, A.C.A.; Research Officer, Social Research Division.
*Kate F. McDougall; Senior Lecturer, Mental Health Course.
*R. T. McKenzie, B.A. (British Columbia), Ph.D.; Reader in Sociology.
*D. G. MacRae, M.A. (Glasgow), M.A. (Oxon.); Professor of Sociology.
T. W. McRae, C.A., A.C.W.A.; P. D. Leake Research Fellow.
*Lucy P. Mair, M.A. (Cantab.), Ph.D.; Reader in Applied Anthropology.
*Helen Makower, B.A. (Cantab.), Ph.D.; Reader in Economics (with special reference to International Trade).
*M. Mann, LL.B., Ph.D.; Lecturer in Law.
Judith M. Marquand, M.A. (Oxon.); Assistant Lecturer in Economics.
D. A. Martin, B.Sc.Soc.; Assistant Lecturer in Sociology.
*J. E. Martin, B.Sc.Econ., Ph.D.; Lecturer in Geography.
*W. N. Medlicott, M.A., D.Lit., F.R.Hist.S.; Stevenson Professor of International History.

*R. Miliband, B.Sc.Econ., Ph.D.; Lecturer in Political Science.
G. L. Millerson, B.Sc.Soc.; Research Officer, Survey Research Unit, Research Techniques Division.
G. E. Mingay, B.A., Ph.D. (Nottingham); Lecturer in Economic History.
K. R. Minogue, B.A. (Sydney), B.Sc.Econ.; Lecturer in Political Science.
E. J. Mishan, B.A. (Manchester), M.Sc.Econ., Ph.D. (Chicago); Lecturer in Economics.
J. B. Morrall, M.A., B.Litt. (Oxon.), Ph.D. (National University of Ireland); Lecturer in Political Science.
H. S. Morris, B.Sc. (Edinburgh), Academic Postgraduate Diploma in Social Anthropology; Lecturer in Social Anthropology.
T. P. Morris, B.Sc.Soc., Ph.D.; Lecturer in Sociology.
*G. Morton, B.Sc.Econ., Ph.D.; Reader in Operational Research.
*C. A. Moser, B.Sc.Econ.; Professor of Social Statistics.
E. S. Myers; Lecturer in Social Science and Administration.
†J. G. H. Newfield, B.Sc.Soc.; Lecturer in Sociology.
I. H. Nish, M.A. (Edinburgh); Lecturer in International History.
*F. S. Northedge, B.Sc.Econ., Ph.D.; Reader in International Relations.
*A. Nove, B.Sc.Econ.; Reader in Russian Social and Economic Studies.
*M. J. Oakeshott, M.A. (Cantab.); Professor of Political Science; Senior Tutor, B.Sc.Econ. Part I (Revised Regulations).
P. R. Odell, B.A., Ph.D. (Birmingham), A.M. (Tufts); Lecturer in Geography.
Diana M. T. Oldershaw, B.Sc.Econ.; Assistant Lecturer in Economics; Adviser to Women Students.
*A. N. Oppenheim, B.A. (Melbourne), Ph.D.; Lecturer in Psychology.
Mary G. Orda, M.A. (Glasgow); Assistant Lecturer in French.
*S. A. Ozga, Ph.D.; Reader in Economics.
*F. W. Paish, M.C., M.A. (Cantab.); Professor of Economics (with special reference to Business Finance).
*S. K. Panter-Brick, B.A., B.Phil. (Oxon.); Lecturer in Political Science; Deputy Chairman of the Admissions Committee.
A. E. W. Park, B.A. (Oxon.); Assistant Lecturer in Law.
R. A. Parker, B.Sc.Soc., Ph.D.; Assistant Lecturer in Social Administration.
*R. H. Pear, B.Sc.Econ.; Reader in Political Science with special reference to the Government and Politics of the U.S.A.
*Edith T. Penrose, A.B. (California), M.A., Ph.D. (Johns Hopkins); Reader in Economics (with special reference to the Near and Middle East).

M. H. Peston, B.Sc.Econ.; Lecturer in Economics.
*A. W. Phillips, M.B.E., B.Sc.Econ., Ph.D., A.M.I.E.E.; Tooke Professor of Economic Science and Statistics.
*W. Pickles, Chev. Lég. d'Honn., M.A. (Leeds); Senior Lecturer in Political Science.
*Sir Arnold Plant, B.Sc.Econ., B.Com.; Sir Ernest Cassel Professor of Commerce (with special reference to Business Administration).
*T. F. T. Plucknett, M.A., LL.B., Litt.D. (Cantab.), LL.D. (Glasgow), F.B.A.; Professor of Legal History.
*G. J. Ponsonby, M.A. (Cantab.), M.Inst.T.; Sir Ernest Cassel Reader in Commerce (with special reference to Transport).
*K. R. Popper, M.A. (New Zealand), Ph.D. (Vienna), D.Lit., F.B.A.; Professor of Logic and Scientific Method. Ph.D., D.Lit., LL.D., F.B.A.
*J. Potter, M.A. (Econ.) (Manchester); Lecturer in Economic History; Adviser to General Course Students.
*L. S. Pressnell, B.Sc.Econ., Ph.D.; Reader in Economics (with special reference to Money and Banking).
*D. R. Price-Williams, B.A.; Lecturer in Psychology.
*M. H. Quenouille, M.A., Sc.D. (Cantab.), F.R.S. Edinburgh; Reader in Statistics.
*R. R. Rawson, B.Sc. (Wales); Senior Lecturer in Geography.
B. Reddy, M.A. (Osmania); Assistant Lecturer in Economics.
*B. C. Roberts, M.A. (Oxon.); Professor of Industrial Relations.
*H. B. Rose, B.Com.; Director of Studies, Course in Industrial Financing.
*Katharine F. Russell; Organiser of Practical Training in Social Science.
*R. S. Sayers, M.A. (Cantab. and Oxon.), F.B.A.; Sir Ernest Cassel Professor of Economics (with special reference to Money and Banking).
*I. Schapera, M.A. (Cape Town), D.Sc., F.R.S.S.Af., F.B.A.; Professor of Anthropology.
*L. B. Schapiro, LL.B.; Reader in Russian Government and Politics.
*Brigitte E. Schatzky, M.A.; Lecturer in German.
*Paule H. J. Scott-James, B.Litt. (Oxon.), Ag. de l'U.; Senior Lecturer in French.
*K. R. Sealy, M.Sc.Econ., Ph.D.; Reader in Geography.
*Beatrice N. Seear, B.A. (Cantab.); Senior Lecturer in Social Science.
*P. J. O. Self, M.A. (Oxon.); Reader in Political Science; Tutor for the Course in Economic and Social Administration.
J. Shaffer, B.Sc.Econ. (Pennsylvania); Assistant Lecturer in Economics.
*Dorothea E. Sharp, M.A. (Toronto), D.Phil. (Oxon.); Senior Lecturer in Political Science.
L. J. Sharpe, B.Sc.Econ.; Research Officer, Greater London Group.

*D. J. Sinclair, M.A. (Edinburgh); Lecturer in Geography.
*Kathleen M. Slack, Diploma in Sociology, University of London, B.Sc.(Soc.); Lecturer in Social Science.
*K. B. S. Smellie, B.A. (Cantab.); Professor of Political Science.
F. L. Smieja, B.A. (National University of Ireland), M.A., Ph.D.; Assistant Lecturer in Spanish.
*S. A. de Smith, M.A. (Cantab.), Ph.D.; Professor of Public Law.
*J. H. Smith, B.A.; Lecturer in Social Science.
T. M. F. Smith, B.Sc.Econ.; Assistant Lecturer in Statistics.
Beatrice M. Speak, B.Sc., Diploma in Psychology; Senior Research Officer, Survey Research Unit, Research Techniques Division.
M. Teresa Spens, M.B.E., Academic Postgraduate Diploma in Social Anthropology; Assistant Lecturer in Social Science.
G. H. Stern, B.Sc.Econ.; Assistant Lecturer in International Relations.
*W. M. Stern, B.Sc.Econ.; Lecturer in Economic History.
M. D. Steuer, B.S., M.A. (Columbia); Lecturer in Economics.
*A. P. Stirling, M.A., D.Phil. (Oxon.); Lecturer in Anthropology.
*Olive M. Stone, LL.B., B.Sc.Econ.; Lecturer in Law.
*A. Stuart, B.Sc.Econ.; Reader in Statistics.
C. F. H. Tapper, B.A., B.C.L. (Oxon.); Lecturer in Law.
D. A. Thomas, B.A., LL.B. (Cantab.); Assistant Lecturer in Law.
J. J. Thomas, B.Sc.Econ.; Assistant Lecturer in Economics.
C. H. R. Thornberry, M.A., LL.B. (Cantab.); Assistant Lecturer in Law.
E. Thorp, B.Sc.Econ.; Assistant Lecturer in Political Science.
K. E. Thurley, B.Sc.Econ.; Lecturer in Social Administration.
H. Tint, B.A., Ph.D.; Lecturer in French.
*R. M. Titmuss, D.Sc. (Wales), LL.D. (Edinburgh); Professor of Social Administration.
*H. Townsend, B.Sc.Econ.; Reader in Economics.
P. B. Townsend, B.A. (Cantab.); Lecturer in Social Administration.
*A. Tropp, B.Sc.Econ., Ph.D.; Reader in Sociology.
*W. C. B. Tunstall, M.A. (Cantab.), F.R.Hist.S.; Senior Lecturer in International Relations.
*R. Turvey, B.Sc.Econ.; Reader in Economics (with special reference to Public Finance).
S. V. Utechin, Dr. Phil. (Kiel), B.Litt. (Oxon.); Senior Research Officer in Soviet Studies.
*D. G. Valentine, M.A., LL.B. (Cantab.), Dr. Jur. (Utrecht); Lecturer in Law.
*D. P. Waley, M.A., Ph.D. (Cantab.); Reader in History.
*J. W. N. Watkins, D.S.C., B.Sc.Econ., M.A. (Yale); Reader in the History of Philosophy.

D. C. Watt, M.A. (Oxon.); Lecturer in International History.

P. Wegner, B.Sc., A.R.C.S., M.A. (Pennsylvania), Senior Research Officer, Research Techniques Division, and part-time Lecturer in Statistics.

J. H. Westergaard, B.Sc.Econ.; Lecturer in Sociology.

*G. S. A. Wheatcroft, M.A. (Oxon.), F.B.I.M., F.I.I.T., J.P.; Professor of English Law.

*J. E. Hall Williams, LL.M. (Wales); Reader in Criminology.

G. Prys Williams, M.B.E., B.Com.; Lecturer in Administration, Organisation and cognate Business Studies.

*J. O. Wisdom, Ph.D. (Dublin); Reader in Logic and Scientific Method.

*M. J. Wise, M.C., B.A., Ph.D. (Birmingham); Professor of Geography; Chairman of the Admissions Committee.

*J. Wiseman, B.Sc.Econ.; Reader in Economics.

L. A. Wolf-Phillips, B.Sc.Econ.; Assistant Lecturer in Political Science.

J. H. Woods, B.Sc.Econ., A.I.M.T.A.; Lecturer in Accounting.

*R. C. Wright, B.A. (Manchester); Lecturer in Mental Health.

*B. S. Yamey, B.Com. (Cape Town); Professor of Economics.

D. A. Young, B.Sc.(Soc.); Research Officer, Social Research Division.

Honorary Lecturers

J. W. B. Douglas, B.A., B.Sc., B.M., B.Ch. (Oxon.).

R. S. Edwards, B.Com., D.Sc.Econ.; Professor of Economics (with special reference to Industrial Organisation).

M. G. Kendall, M.A., Sc.D. (Cantab.).

L. Dudley Stamp, C.B.E., B.A., D.Sc., D.Lit., LL.D. (Clark), fil.dr. (Stockholm); Professor Emeritus of Social Geography.

PART-TIME ACADEMIC STAFF

*Mrs. Vera Anstey, D.Sc.Econ.; Senior Tutor, B.Sc.Econ. Part I (Old Regulations).

L. G. Banwell, O.B.E.; Social Science.

W. W. Bartley, A.B., A.M. (Harvard); Logic and Scientific Method.

*R. O. Buchanan, M.A. (New Zealand), B.Sc.Econ., Ph.D.; Professor Emeritus of Geography; Geography.

*The Rt. Hon. Lord Chorley, Q.C., M.A.; Law.

A. B. Cramp, B.A. (Dunelm.), Ph.D.; Economics.

Miss Irmi J. M. Elkan, Certificate in Mental Health; Social Science.

E. M. Eppel, M.A., Ed.B. (Glasgow); Social Science.

Miss Dorothy E. M. Gardner, M.A.; Mental Health Course.

W. H. Gillespie, M.D., M.R.C.P.; Mental Health Course.

*M. Ginsberg, M.A., D.Lit., LL.D. (Glasgow and Nottingham), F.B.A., Professor Emeritus of Sociology; Sociology.

H. W. Haycocks, B.Sc.Econ., F.I.A.; Statistics.

Mrs. Jean Kerrigan, B.Sc.Econ.; Economics.

G. Stewart Prince, B.A., M.B., B.Ch., B.A.O.(T.C.D.), M.R.C.P.I., D.P.M.; Social Science.

*The Rt. Hon. Lord Robbins, C.B., B.Sc.Econ., M.A. (Oxon.), D.Litt. (Dunelm. and Exeter), L.H.D. (Columbia), LL.D. (Cantab., Leicester and Strasbourg), Dr. of the Universidades Técnica de Lisbõa, F.B.A.; Economics.

R. B. Stevens, B.A., B.C.L. (Oxon.), LL.M. (Yale); Law.

F. Kraupl Taylor, M.D., D.P.M.; Mental Health Course.

T. A. Blanco White; Law.

Miss Albertine L. Winner, O.B.E., M.D., M.R.C.P.; Social Science.

Mrs. Clare Winnicott; Social Science.

Dr. D. W. Winnicott, M.R.C.S., F.R.C.P.; Social Science.

A. Zauberman, LL.D. (Cracow); Economics.

Committees of the Academic Board

NOTE: The Director and the Secretary are members *ex officio* of all Committees of the Academic Board

GENERAL PURPOSES COMMITTEE

Professor E. H. Phelps Brown
Professor E. Devons
Professor R. W. Firth
Mr. G. L. Goodwin
Professor J. A. G. Griffith
Mr. C. Grunfeld
Dr. A. H. John
Professor E. Jones
Mr. G. J. Ponsonby
Professor R. S. Sayers
Professor I. Schapera
Professor K. B. S. Smellie
Professor S. A. de Smith
Professor R. M. Titmuss
Professor B. S. Yamey

GRADUATE SCHOOL COMMITTEE

The Chairman of the Higher Degrees Sub-Committee of the University Board of Studies in Economics (acting as Chairman of this Committee also)
The Registrar
The members of the Higher Degrees Sub-Committee of the University Board of Studies in Economics who are members of the Academic Board

SCHOLARSHIPS AND PRIZES COMMITTEE

Professor J. A. G. Griffith (Chairman)
Dr. A. H. John (Vice-Chairman)
The Chairman of the Admissions Committee (*ex officio*)
The Deputy Chairman of the Admissions Committee (*ex officio*)
Mr. G. L. Goodwin

Dr. R. T. McKenzie
Professor M. J. Oakeshott
Mrs. P. H. J. Scott-James
Mr. D. J. Sinclair
Mr. M. D. Steuer

PUBLICATIONS COMMITTEE

Professor Sir Arnold Plant (Chairman)
Professor D. V. Glass
Professor W. N. Medlicott
Professor M. J. Oakeshott
Professor T. F. T. Plucknett
Professor R. S. Sayers
Professor I. Schapera
Professor M. J. Wise
The Librarian (*ex officio*)

PUBLIC LECTURES COMMITTEE

Professor E. H. Phelps Brown
Dr. D. C. Coleman
Professor H. R. G. Greaves
Professor E. Jones
Professor R. M. Titmuss
Professor G. S. A. Wheatcroft
Professor B. S. Yamey

ADMINISTRATIVE STAFF

Director:

Sir Sydney Caine, K.C.M.G., B.Sc.Econ., LL.D.
(Private Secretary: Gwendoline M. Bingham)

Secretary:

H. Kidd, M.A.
(Private Secretary: Eileen A. Upsdell)

Deputy Secretary and Accountant:
H. C. Scriven, F.C.A., F.C.I.S.

Deputy Secretary and Bursar:
W. S. Collings, B.A.

Registrar: J. Alcock, B.A.

Assistant Secretary:
Mrs. M. Horn, B.A.

Careers Adviser:
Commander D. Warren-Evans

Accounts Department

Assistant Accountants: B. T. Parkin, F.C.A., Phyllis M. Shrimpton
Assistant to the Accountant: W. H. S. Spikesman.

Registrar's Department

Senior Assistant Registrar:
Evelyn M. Myatt-Price, M.A.

Secretary of the Graduate School:
Anne M. Bohm, Ph.D.

Assistant Registrars: Ilse T. Boas, B.Sc.Econ., R. Butler, B.A.

Bursar's Department

Maintenance Officer: S. A. Godfrey, B.Sc.Econ.
Assistant Maintenance Officer: J. A. G. Deans, M.B.E.
Steward of the Refectory: Mrs. Mary W. Ellis
Clerk of Works: E. Brown

Principal Clerks and Chief Clerks: Betty Barron (Publications Department), Elsie A. Betts (Assistant Secretary's Department), Helen Beven, B.A. (Economics Department), Margaret A. Bickmore (Registrar's Department), Dora W. Cleather (Typing Department), Molly St. C. Coales (Accounts Department), Eileen A. Garrett (Correspondence Department), Ruth H. Griffiths (Social Science Department), Pleasance Partridge (Social Science Department), Flora D. Sands (Graduate Office), D. Patricia Smith (Registrar's Department), Joyce S. I. Vaughan (Accounts Department), Joan K. Williams (Graduate Office).

Psychiatric Adviser:

J. C. Read, M.R.C.S. (Eng.), L.R.C.P. (London), L.D.S., R.C.S. (Eng.)

BRITISH LIBRARY OF POLITICAL AND ECONOMIC SCIENCE

Chairman of the Library Committee:
Sir Sydney Caine, K.C.M.G., B.Sc.Econ., LL.D.

Librarian:
G. Woledge, B.A.

Deputy Librarian:
Marjorie Plant, D.Sc.Econ.

Sub-Librarians:
Martha E. Dawson, M.A. (*Chief Cataloguer*)

Mrs. Maria Nowicki, LL.M. (*Acquisitions Officer*)
C. G. Allen, M.A. (*Superintendent of the Reading Rooms*)

Senior Assistant Librarians:
Margaret N. Blount, B.A.
Una M. Nottage, B.Sc.Econ.

Assistant Librarians:
B. G. Awty, B.A.
E. C. Blake, B.A.
B. C. Bloomfield, M.A.
B. R. Hunter, B.A.

Senior Library Assistants:

F. W. Blackburn, Nora C. F. Blacklock (Superintendent of the Lending Library), Marjorie M. Burge, B.A., F. J. Copelin, P. Dance, J. A. Downey, Elizabeth L. Rendall, M.A., E. W. P. Rhoades, Enid D. Richardson, Joan M. Warren, Diana M. Wates, Mrs. Gillian M. Wilder, B.Sc.Soc. (Superintendent of the Shaw Library).

HISTORY OF THE SCHOOL

EARLY YEARS

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

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

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

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

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

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

1914–1939

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

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

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

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

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

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

POST-WAR DEVELOPMENTS

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

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

In 1960 new diplomas in Economic and Social Administration, and in Operational Research have been instituted.

Physical expansion of the School has been rendered imperative by the increasing numbers of students and staff. Pending the acquisition of additional properties some reduction of overcrowding has been achieved by leasing premises in the neighbourhood of the School, by building new rooms on the flat roofs of the buildings on each side of Houghton Street, and by filling in gaps in existing buildings. In January 1960 work was begun on adapting for School use the building in Clare Market formerly occupied by the St. Clements Press Ltd., to provide the first really substantial improvement in accommodation since 1938 and the building was occupied in October 1961. In 1960 the School also acquired for future development the freehold of part of an island site to the north west of the St. Clements Building. In the mid 1960's the School hopes to acquire the premises of the Government Chemist adjoining the St. Clements Building. Future building plans will therefore cover re-development over the site now occupied by the old houses on the east side of Houghton Street and in Clements Inn Passage, and the Government Laboratory; and, it is hoped, the eventual re-development of the island site referred to above. Between the completion of the St. Clements Building work and the time when the other sites can be re-developed, a programme of alterations is planned in existing buildings in order to expand services which are badly handicapped by lack of space.

Not only has there been an increase in the accommodation available to the School since the close of the second world war, but the technical equipment required by students in certain fields of study has also been made increasingly available. In the St. Clements Building greatly improved facilities have been provided for the Geography Department, the Statistics Department and for the teaching of Psychology.

GENERAL

The Library is described on pages 264 to 269. Study-rooms, most of which are provided with books and periodicals in regular use, are available to third year undergraduates. In addition, there are two research reading rooms within the Library.

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

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

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

In view of the difficulties in providing satisfactory living accommodation in London for students living away from home and of the demand for greater opportunities for developing corporate life amongst students, the Governors of the School resolved to acquire premises for use as Halls of Residence. Although, in consequence of the heavy competition for buildings in London, the acquisition of suitable premises has presented great difficulties, one Hall of Residence has been opened and extended and a second will be available by about 1964.

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

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

For graduate students there is a common-room under the management of the Research Students' Association. (See p. 280.)

There is an old students' association called " The London School of Economics Society ", membership of which is open to all past students of the School. (See p. 279.)

Recently an association of Friends of the London School of Economics was formed, which is likewise open to all former students of the School. The objects of this association are described on page 280.

The School has a large refectory where students may obtain meals at a reasonable cost both in the day and in the evening. An additional students' dining-room is used as an extension to the refectory and provides students with an excellent room for many social functions. Light meals are also served in cafés in the Old Building, the St. Clements Building and the former "Three Tuns" building on the corner of Clements Inn Passage.

A psychiatric advisory service for students has been established in the charge of Dr. J. C. Read, who attends the School for consultation by students who feel the need for psychiatric treatment. The School Nurse holds a daily surgery in the School during term. A mass radiography unit visits the School each session.

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

REPORT BY THE DIRECTOR ON THE WORK OF THE SCHOOL DURING THE YEAR 1960-1961

1960-1961 has not been a year of great changes, but it has seen the virtual completion of the conversion of the St. Clements Building and progress with plans for further physical expansion; some small further expansion in staff and activities; some notable retirements; and several interesting decisions or discussions on basic policy within the School and affecting relations between the School and the University.

On the building side work was proceeding throughout the session on the conversion of the St. Clements Building and although there were delays and the work had not been completed by the contract date, 31 July 1961, it was just possible, thanks to the devoted work of the School's own maintenance staff in the final stages of preparation, for the major part of the building to be occupied shortly before the commencement of the 1961-62 session. It represents a very useful addition to the School's accommodation. In particular it will make possible substantially improved, although still far from ideal, specialist accommodation for the Geography and Psychology Departments and for Students' Union and general student activities. Although the fact that the operation was one of conversion prevented any attempt at major architectural distinction, the building as it now stands is both well-arranged and pleasing in appearance; and decorations have been incorporated at the end which is visible from Kingsway and in the new doorways which lend some element of originality and distinction to the construction. Both are the work of Mr. Warren Wilson; the first consists of a long vertical panel with a mosaic background in blue and green depicting the course of the River Thames through London with figures in aluminium representing buildings and other features (e.g. the Houses of Parliament, the Royal Exchange and a merchant ship) associated with the School's subjects of study; and the second showing four designs in the glass of the doorways symbolic of various academic disciplines, economic, statistical and geographical. For all the work connected with it the School is very grateful to Mr. R. C. White-Cooper who has been in charge of the architectural supervision of this, as well as the many other alterations and adaptations of the School's buildings which have been carried out in recent years. The full effect of the easement of our physical congestion resulting from this additional space will not be felt for some time, partly because we have had to give up other rented accommodation and partly because the next stage of our programme of development involves changes in other parts of our buildings which will make it for the time being less useful. The most important of these changes will be in the Old Building, and during the vacation, work has been proceeding on two major improvements there, the first the installation of a new

automatic lift and the second a complicated building project which will provide additional rooms on all floors in the space above the Periodicals Room in the Library.

As to future expansion the School made further progress during the session in the acquisition of the block of property north of Portugal Street which we know as the Island Site, and we are now owners of much of the greater part of the site, including all the office premises included in it and the former St. Clement Danes Parish Hall. We shall be using these buildings as they stand, subject to small internal re-arrangements, for some years, but meanwhile their longer term re-development is being examined in conjunction with that of the properties on both sides of Clements Inn Passage including the Government Laboratory which is now expected in two or three years' time. Although it is not expected that funds will be available from capital grants through the University of London and the University Grants Committee until after 1966 we very much hope that in the latter part of the current decade it will be possible to erect two new major buildings on these sites. One of these is expected to be a further general building but, subject to further examination of the size of the buildings which it may be possible to erect, it is hoped that the other may be an entirely new and specially designed Library. After a good deal of preliminary examination by the Building Committee and consultation through the Academic Board with the academic staff as a whole the stage has now been reached when a beginning can be made with the long process of physical planning and Mr. S. E. T. Cusdin, of the firm of Easton & Robertson, Cusdin, Preston and Smith, has accepted on behalf of the firm responsibility for preparing plans for consideration in association with Mr. White-Cooper, whose long experience with the School will thus continue to be available.

We have continued to be exercised about the provision of residential accommodation for students and have become more and more aware of the existence of two distinct needs, first those of the general mass of undergraduate students and secondly those of the postgraduate students from overseas who are often much more mature in age and frequently accompanied by wives or families and who therefore need something other than ordinary hall of residence type of accommodation. As a first and experimental step in meeting the needs of the latter group, the School has purchased a house of medium size in the Tufnell Park area, which is convenient for access by bus and tube, and we are arranging for it to be converted into eight small flats which it is hoped to let at rents which will cover the capital charges of the building. We were unfortunately not able to persuade the Court of the University and the University Grants Committee to provide a capital grant for the cost of this development, but some part of the expenses is being met by a grant from the Court and assistance is also being obtained from the local authority towards the cost of conversion. The net cost falling on School funds will, therefore, be about £15,200. If this experiment is successful, and particularly if it appears that small flats of this kind can be let to mature students at economic rents, the School will consider arranging for similar provision on a larger scale.

A much more important possibility of additional residential accommodation has arisen with the receipt of an entirely unexpected, but most generous, offer from an anonymous benefactor of a sum of £250,000 for the erection of a student Hall of Residence, to be sited within two miles of the School. Active search is now in

progress for a suitable site and we are determined that this very generous offer shall be taken up within its stipulated time limit of 12 months. It is expected that the finance available will suffice to provide accommodation for at least 150 students, which will more than double the School's present provision.

The other most interesting matters which have occupied us during the session have been questions of policy. In the first place the discussion of evening teaching which was initiated in the previous session as a result of comments made during the quinquennial visit of the University Grants Committee was completed. After very full discussion in the Academic Board it was agreed by a large majority that the School should accept the obligation to continue evening teaching on substantially the present basis until at any rate the end of the next university quinquennium, i.e. 1967; and that it should not give up such teaching until it was satisfied that adequate alternative arrangements were available in London. Inquiries as to the possible alternative provision at other institutions at some future date have been initiated but no major change is envisaged for a number of years to come.

Various matters have arisen affecting the relations between the School and the University and more than one incident has again arisen in which action that the School thinks desirable in the circumstances of our particular institution and of the academic subjects with which we are concerned has been prevented by decisions of the University based largely on considerations which are more relevant to other institutions and to other fields of academic activity. The first of these was a decision of the University Senate rejecting a proposal from the Board of Studies in Economics for a modification of the University regulations governing the degree of M.Sc. (Econ.) which would have made it possible for good honours graduates of other universities to obtain a Master's degree here in one year as is now possible for internal graduates of London University itself. An immediate reason for desiring the change is that it would help to attract first-class graduate students who have taken their first degrees in other universities, but it is also of wider importance as part of a trend, to which many attach importance, towards a lengthening of the period of systematic instruction beyond the three-year bachelor's degree so as to enable the really able and serious student of such subjects as economics and statistics to gain a mastery of their advanced developments which is not possible within the limits of a three-year degree. The general principle of such a development has been supported by the University Grants Committee in their comments on the latest University statistical returns (Cmnd. 1849, September 1961). Unfortunately the proposal proved unacceptable to some other Faculties and was rejected by the Academic Council and the Senate.

The second case of difference with the University related to the terms of appointment of professors, and, as it concerned one of the most senior members of our staff, attracted a good deal of attention. Professor Lord Robbins, who had for some time held, with the approval of the Governors of the School, a Directorship of *The Financial Times and Financial News Ltd.*, was invited last year to take over the Chairmanship of that Company. This is itself only a part-time appointment, but it was none the less clear that its obligations taken together with Lord Robbins' other public activities would make it impossible for him to hold a University appointment which would be full-time in the ordinary sense. The Governors of the School were, however, very anxious to take advantage of Lord Robbins' willingness to continue his teaching and other services to the School and to maintain his association with us as fully as possible. In particular they wished to ensure that, although he might formally cease to be a full-time member of the staff, he should retain the full rank and status of a Professor. With the strong support of the academic staff as a whole the University were therefore requested to convert Lord Robbins' appointment to a part-time post, as is permissible under the University regulations. The request was, however, opposed by the Academic Council. The matter was then fully discussed at the December meeting of the full Court of Governors, when it was agreed without dissent that the University should be pressed further. It was accordingly debated in the University Senate but the Senate by a majority declined to approve the School's proposal. Lord Robbins, who reached the initial retiring age of 62 during the session, accordingly retired at the end of the session from the University Chair of Economics which he had held since 1929. He has, however, agreed to continue to carry on the teaching and other services he has rendered for so long to the School and by a decision of the Standing Committee of the Governors will continue to be treated for all School purposes as if he still retained a University Chair. In particular he remains for the time being as Chairman of the Graduate School Committee.

This matter has brought out a clear difference of approach between the School and the general body of the University. I am sure that the Governors would not wish to see any wide extension of part-time teaching appointments, although they may remember the vital part played in the early decades of the School's history by part-time teachers. They do, however, believe that there are individual cases in which invaluable service may be rendered by a part-time teacher of economics or other disciplines in the social studies and they are correspondingly regretful that the University Senate appears to have adopted a policy of refusing as a matter of principle to sanction such appointments at the Appointed Teacher level.

Staff

At the end of the session the School lost several of its most senior members. Professor R. O. Buchanan retired on reaching the age limit, but he has agreed to continue as a part-time teacher and remains even more closely associated with the administration of the University as he will continue to represent the Faculty of Economics on the Senate and has been appointed by the Senate as Deputy Vice-Chancellor for the session 1961–1962.

Professor William Rose was also due to retire at the end of the session, but his retirement was anticipated by his very sudden and tragic death in July. He had served for 26 years as Head of the School's Department of Modern Languages and in addition to attaining great distinction in his own field of German studies and in wider cultural fields had done much to promote the development of language and literature studies as an essential part of the whole field of social studies. A memorial ceremony is being arranged to take place at the School early in the session 1961–1962.

The School also lost by resignation Professor M. G. Kendall, who resigned his Chair of Statistics to accept employment with a commercial company concerned with provision on a wider scale of the statistical and research services, the techniques of which Professor Kendall had done so much to develop. As Professor Kendall

has made clear in public statements his resignation was partly motivated by concern at the uncertainty of future provision for research at the School and further comment is made on this in a later paragraph. His departure is a great loss and the School will remain permanently grateful for the pioneer work Professor Kendall has done with his colleagues in the Research Techniques Division and in the development of statistics generally.

Reference has already been made to the change in the formal status of Lord Robbins which fortunately makes very little practical difference to his continuing relationship with and service to the School.

A list of other resignations, retirements and new appointments is attached. Noteworthy are the appointments of Mr. D. V. Donnison to a newly established second Chair in Social Administration, of Dr. Emrys Jones as Professor of Geography in succession to Professor R. O. Buchanan and of Mr. J. Durbin as Professor of Statistics in succession to Professor M. G. Kendall. A number of additional junior appointments as permanent or temporary assistant lecturers were made possible as a result of an additional allocation of funds to the School from reserves which had been kept in hand by the University Grants Committee and the Court of the University of London. When the availability of these funds was notified part-way through the session, the decision was taken to devote them primarily to the strengthening of the junior teaching staff bearing particularly in mind the need to improve teaching for Part I of B.Sc. (Econ.) under the revised regulations which come into force in the session 1961-1962.

Academic Developments

The new Diploma Courses in Economic and Social Administration financed by the Ford Foundation, and in Operational Research made a successful start and modifications to both may be expected in the light of experience. There are continuing developments in the special provision made in these and other courses for students from overseas and as regards the Operational Research Course consideration is already being given to the organisation of a special course for students from less developed countries. The School's general provision of special courses for students of that kind is now becoming somewhat complex and in the course of time some rationalisation, including some possible combinations of existing complete or partial courses, may be necessary. The situation is, however, changing continuously and for the time being it seems preferable not to attempt too rigid and tidy an organisation.

I referred in the report on the School's work for the session 1959-1960 to the change in the regulations for the B.Sc. (Econ.). Much thought was given during last session to the organisation of teaching for the new Part I and a Committee under the Chairmanship of Professor M. J. Oakeshott, which produced very useful recommendations in that field, will continue for the time being to supervise the actual carrying out of the new scheme of teaching. This will involve more systematic attention to class work and essay writing and, as already indicated, the junior teaching staff has been strengthened to meet these needs.

Reference was made last year to various appointments which have strengthened the School's work in the study of the economics, etc., of particular regions; the Chair of Economics with special reference to underdeveloped countries, the Readership in Economics with special reference to the Middle East, the Readership in Sociology with special reference to the Far East and further development in the study of the Soviet countries. In November 1960 we were happy to receive a visit from the Committee, under the Chairmanship of Sir William Hayter, appointed by the University Grants Committee to report specially on Oriental, Slavonic, East European and African Studies. The Committee's report was published late in September, 1961, and we were encouraged to find that they have strongly recommended further assistance to the kind of studies in the economics, politics and sociology of the countries concerned which we in the School have been trying to develop in friendly collaboration with the School of Oriental and African Studies and the School of Slavonic Studies.

Research

Concern has been felt about the continued financing of the Research Techniques Division. Hitherto this has been largely dependent on benefactions from the Nuffield Foundation and the Ford Foundation in America, but it has been the understanding that the School itself would take an increasing share of the responsibility and would eventually take over the whole burden of finance. Unfortunately most of the outside assistance will come to an end at the end of the current University quinquennium in 1962 and until the School is informed of the total grant available for the following quinquennium it is impossible for adequate firm allocations to be made for the continuation of the Unit. This is, of course, a problem which arises with many other research activities, but is of special concern in relation to the Research Techniques Division, both because of the scale of its operations and because it is essential to its work to have continuity of staff, and research staff of the quality required naturally look for greater security of tenure than can at the moment be offered. It is indeed a particularly striking example of a serious defect in the existing system of university finance. On the surface the quinquennial grant system appears to give universities the opportunity of planning for five years ahead, but in practice, and especially bearing in mind that the grants for any one quinquennium are customarily fixed only at the very end of the previous one, the effective planning period is very much shorter and is reduced at the end of the quinquennium to a matter of months. The uncertainty about the longer term future weighs particularly heavily on research projects wholly or largely dependent on the general funds of a university institution since teaching and maintenance commitments have necessarily to be met first out of those funds. It is to be hoped that these problems of uncertainty created by the existing financial arrangements may receive careful thought during the current examination of the general problems of higher education.

The other general research activities of the School, including researches on London Government mentioned in previous reports, are continuing. A number of other new projects to be undertaken with special assistance from Government Departments, Foundations or other bodies are mentioned in the list of donations received and two new departures decided upon in principle during the last session deserve special mention. First, as a result of generous assistance from a number of business concerns interested in Latin America, to whom an approach was made through Sir George Bolton, Chairman of the Bank of London and South America,

funds have been made available for the appointment of a Research Fellow in the economics of the Latin American countries, and it is hoped that an appointment will be made early in the session 1961-1962. This will fill a substantial gap in the School's present provision for the study of these special regions.

Secondly, arrangements have been made with the Medical Research Council for the siting at the School of one of the Council's research teams which is expected to commence its activities during next session and will be working in close contact with the Sociology and other Departments of the School. There has been a beginning of other forms of collaboration between the School and the medical profession, e.g. the provision of a short course for general practitioners under the auspices of the British Postgraduate Medical Federation.

The Library

The Library was able to acquire two important collections of manuscripts. One of them comprises most of the surviving papers of Frederic Harrison, amounting to over 2,500 letters by him or to him, mostly of the second half of the 19th century; it includes both sides of his correspondence with John Morley, and his letters to E. S. Beesley. This acquisition was made possible by a grant from the Passfield Trustees of half the price of the collection.

The second collection consists of the papers of S. B. Melgunov, a Russian historian who took an active part in politics in Russia at the time of the revolution and from exile after 1920.

The University completed the building and equipment of a Library Depository at Egham for the storage of material from libraries in the University. A considerable amount of material has already been sent there, and when the operation has been completed in 1961-62 it will make possible a very great improvement in the badly overcrowded reserve stacks at Houghton Street.

Donations

A list is appended to this report. As already noted a large proportion of the gifts received or promised have been to finance research projects, e.g. the Home Office grant for methodological research in criminology and D.S.I.R. grants for various purposes. The largest prospective donation offered during the year—that for the building of a student hall of residence already mentioned above—is not included in the list because the School is not yet in a position formally to accept it.

The Economist's Bookshop

One of the changes brought about by the completion of the St. Clements Building is the transfer of the Bookshop to new premises at the Portugal Street end of the building. Apart from the fact that the old premises in Clements Inn Passage must disappear in any comprehensive rebuilding, the new accommodation gives much better display facilities and better access for the public and for deliveries. The move also re-emphasises both the firm establishment of the Bookshop as a centre for economists not only in London but all over the world and its financial success, since the costs of the move are being met primarily from its own reserves. The enterprise is owned by a company whose shares are held fifty per cent by the School and fifty per cent by *The Economist* newspaper; its finances are quite independent of the School's and it will pay an increased rent for its new premises. While neither the School nor *The Economist* newspaper expect large dividends on their investment, the Bookshop needs to operate on a fully self-supporting basis. Under its present very competent management it has done that and in addition has accumulated surpluses which, as already indicated, have sufficed to pay virtually all the capital cost of equipping its new home.

Student Activities

The activity of the Students' Union in promoting debates, discussions and week-end conferences has continued and the activities of student societies have been well maintained. The Athletic Union equally has been vigorous and active. Individual members of the Boat Club have obtained particular distinction, two of them who had already rowed successfully for the University having been included in the London University Coxed Four chosen to represent Great Britain at the international rowing championships at Prague.

The Mountaineering Club has taken part in another ambitious project by sending a group of its members to climb in the Andes. The Drama Society has again arranged a successful foreign tour, this time to Israel.

The Sports Ground at Malden has continued to be well used and at times there is still great pressure on its facilities. No practical possibility has been seen of extending it, but it has been possible to make arrangements for the hiring of supplementary pitches. The existing buildings at Malden are at the moment in process of improvement by the building of new accommodation for the ground staff and the building of a new and more suitable entrance, to which the Friends of the London School of Economics have contributed a more dignified and decorative gateway. As usual the Athletic Union arranged an Open Day at Malden in June; it is only to be regretted that a larger number of academic staff do not take advantage of this opportunity to visit the ground.

Court of Governors

At their meeting in June the Court of Governors co-opted as members Sir George Bolton and Professor H. Butterfield, Master of Peterhouse. The Court has suffered a sad loss in the death of Sir Oscar Hobson, whose record of service to economics through journalism and otherwise included over twenty years' membership of the Court.

Mr. W. M. Allen retired from membership of the Standing Committee at the end of the year under the rotation arrangements. Sir Edwin Herbert has been appointed in his place.

Honorary Fellows

At their meeting in December 1960 the Court of Governors elected the following as Honorary Fellows of the School:—

Sir Hugh Beaver
Senor Don Pedro Beltran

Miss E. V. Evans
Dr. F. C. James
Dr. V. K. Krishna Menon
Mr. William Henry Sales
Sir Horace J. Wilson.

OBITUARY

We learnt with regret of the deaths of former students and others connected with the School whose names are mentioned in the attached. Particular reference has been made already in this Report to the deaths of Professor Rose and Sir Oscar Hobson. The death of Sir Charles Webster has also been a severe loss to the School, because, although he had retired a number of years ago, he had continued to take a substantial part in a number of activities connected with the School.

ANNUAL ACCOUNTS

1960—1961

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, 1961, and the Income and Expenditure Account gives a true and fair view of the income and expenditure for the year ended on that date.

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

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

SPENCER HOUSE, SOUTH PLACE,
MOORGATE, E.C.2.
14th November, 1961.

BALANCE SHEET, 31st JULY, 1961.

1960. £	Funds and Liabilities.	£	£
262,433	**Freehold Land and Buildings Fund**		408,648
	Endowment and Trust Funds		
159,191	Rockefeller Endowment Fund ...	159,235	
234,463	Trust Funds (Schedule No. 3) ...	233,703	
460,123	F.S.S.U. Fund ...	551,540	
20,683	U.L. Administrative Staff Pension Fund	24,563	
			969,041
1,136,893			1,377,689
	Other Funds and Current Liabilities		
71,368	Special Funds (Schedule No. 4) ...	88,309	
3,157	Provision for Equipment and Repairs	3,145	
41,578	Sundry Creditors	40,210	
10,400	Receipts in Advance	7,949	
		139,613	
	Surplus	£	
3,602	General Reserve	3,602	
2,765	Income and Expenditure Account	14,972	
		18,574	
			158,187
£1,269,763			£1,535,876

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

1960. £	Assets.	£	£
262,433	**Freehold Land and Buildings** (Schedule No. 2) (Valued for insurance at £815,835)		408,648
	Endowment and Trust Funds		
	Rockefeller Endowment		
141,653	Investments (Schedule No. 1 (a))	140,134	
13,968	Freehold Property (Schedule No. 2) ... (Valued at £14,000)	13,968	
—	Loans for Housing	4,883	
			158,985
	Trust Funds		
223,047	Investments (Schedule No. 1 (b))	219,962	
8,850	Freehold Property (Schedule No. 2) ... (Valued at £30,922)	8,850	
			228,812
	F.S.S.U. Fund		
17,178	Investments (Schedule No. 1 (c))	37,435	
442,931	Premiums paid on Policies	514,157	
			551,592
	U.L. Administrative Staff Pension Fund		
20,683	Premiums paid on Policies		24,563
6,150	**Cash at Bank**		5,089
1,136,893			1,377,689
	Other Assets		
20,368	Investments (Schedule No. 1 (d))	22,080	
8,703	Loans for Housing	9,160	
80,597	Sundry Debtors	54,543	
13,406	Payments in Advance and Other Current Assets	22,207	
9,796	Cash at Bank and in Hand	50,197	
			158,187
£1,269,763			£1,535,876

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.

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st JULY, 1961

EXPENDITURE.

1959–60 £	1959–60 £		£	£
		1. Administration		
55,196		Salaries	60,921	
3,875		Superannuation	4,273	
325		Educational Allowance...	333	
2,742		Calendars, Programmes and Advertising	2,844	
18,111		Printing, Stationery and Office Expenses	19,326	
1,024		Other Expenses	1,922	
	81,273			89,619
		2. Departmental Maintenance		
330,344		Teaching Staff—Salaries	374,050	
30,677		,, ,, —Superannuation ...	35,145	
9,689		,, ,, —Educational Allowance	10,068	
16,551		Research Staff—Salaries	17,246	
1,339		,, ,, —Expenses	1,370	
78,942		Research Expenditure met by Donations	79,683	
28,080		Departmental Staff—Salaries	32,074	
1,815		,, ,, —Superannuation	1,912	
175		,, ,, —Educational Allowance ...	100	
8,039		Departmental Maintenance	5,980	
	505,651			557,628
		3. Library		
35,324		Salaries	40,051	
2,763		Superannuation	3,156	
500		Educational Allowance...	539	
5,458		Binding	3,826	
11,351		Books	14,509	
160		Edward Fry Library	109	
823		Lending Library	557	
1,355		Other Expenses	1,439	
	57,734			64,186
		4. Maintenance of Premises		
16,503		Rents	15,943	
12,563		Rates	13,338	
1,536		Insurances	1,366	
11,330		Heat, Light and Water	12,656	
8,953		Equipment	8,698	
18,761		Repairs and General Maintenance ...	17,616	
48,992		Salaries and Wages	53,368	
1,971		Superannuation	2,292	
410		Educational Allowance...	338	
	121,019			125,615

INCOME.

1959–60. £	1959–60. £		£	£
		1. Endowments		
		(*a*) Appropriated for particular purposes		
500		Montague Burton Trust	500	
362		Business Administration Trust ...	341	
6,874		Cassel Trust (Commerce)	7,575	
874		Cassel Trust (Modern Languages) ...	1,103	
68		Auguste Comte Trust	10	
137		Hobhouse Trust	123	
50		Malinowski Trust	—	
241		Passfield Trust	219	
680		Skepper Trust	980	
1,060		Stevenson Trust	1,147	
102		Tooke Trust	101	
110		Whittuck Trust	110	
	11,058			12,209
		(*b*) Appropriated for general purposes		
111		Ratan Tata Fund	112	
10,565		Rockefeller Endowment Fund ...	12,485	
	10,676			12,597
		2. Donations and Subscriptions		
		(*a*) For Research		
5,830		Advertising Association	5,619	
2,510		British Petroleum	850	
—		British Trust for Technical and Economic Research	230	
—		Noel Buxton Trust	1,000	
—		City Parochial Foundation	193	
902		Columbia University	200	
3,767		Department of Scientific and Industrial Research	7,037	
17,871		Ford Foundation	14,355	
1,179		Gulbenkian Foundation	1,232	
1,168		Health Information Foundation ...	3,367	
2,680		Home Office	2,538	
205		Houblon-Norman Fund	553	
5,266		Institute of Practitioners in Advertising	6,081	
—		Rees Jeffreys Road Fund	2,496	
92		Leverhulme Trust	—	
183		Manchester Oil Refinery	220	
358		Medical Research Council	1,183	
—		National Corporation for the Care of Old People	332	
—		National Science Foundation	2,925	
11,965		Nuffield Foundation	13,010	
700		Nuffield Provincial Hospitals Trust ...	—	
650		Passfield Trust	1,704	
7,892		Rockefeller Foundation	8,179	
13,879		Rowntree Village Trust	5,311	
—		Spicers Ltd.	550	
1,845		Trade Union Studies	—	
—		Women in Industry	518	
	78,942			79,683

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st JULY, 1961—*continued.*

	4,255	**5. Pensions met from General Income**		4,401
		6. Other Educational Expenses		
528		Examinations	1,178	
240		Public Lectures	493	
141		Publications	447	
	909			2,118
		7. Studentships, Scholarships and Bursaries		
1,103		Undergraduate	1,041	
1,671		Postgraduate	1,434	
	2,774			2,475
		8. Student Facilities and Amenities		
6,052		Athletics Ground Maintenance ...	5,790	
6,673		Grants to Unions and UnionSocieties	6,854	
2,799		Medical Services	3,805	
3,530		Careers Advisory Service	3,832	
1,227		Students' Hostel—Wardens	1,362	
635		,, ,, —Loss for Year ...	2,010	
	20,916			23,653
	—	**9. Capital Expenditure met from Income**		755
		10. Other Expenditure		
100		Benevolent Fund	100	
2,457		Hospitality and Entertainment Allowances	3,357	
19		Interest on Overdraft	82	
822		Subventions to Research	619	
—		O. and M. Investigation	1,160	
739		Sundry Expenses	767	
	4,137			6,085
		11. Transfer to Special Accounts		
	5,000	Suspense Account		—
	803,668	TOTAL EXPENDITURE		876,535
	6,392	Excess of Income over Expenditure carried down		12,207
	£810,060			£888,742
	3,627	Deficit from previous years		—
	2,765	Balance carried forward		14,972
	£6,392			£14,972

NOTE.—The aggregate amount to be disclosed under Section 196 (1) of the Companies Act, 1948, is £5,830.

		2. Donations and Subscriptions—*continued*		
		(*b*) For other purposes		
160		Edward Fry Trust	109	
7,007		Ford Foundation	7,614	
—		Institute of Economic Affairs	2,546	
—		Passfield Trust	600	
310		Statistics and Computing	695	
745		Sundry Donations	515	
	8,222			12,079
		3. Grants		
481,450		University Court	574,300	
99,368		,, ,, Salaries Supplement	67,080	
	580,818			641,380
		4. Fees		
111,598		Tuition	116,761	
1,505		Registration	1,622	
859		Examination	1,003	
	113,962			119,386
	4,667	**5. Contributions Received for Services Rendered**		4,807
		6. Miscellaneous		
539		Interest Received	569	
224		Library Permits	—	
582		Rents	588	
127		Sundry Receipts	200	
	1,472			1,357
		7. Transfer from Special Accounts		
243		Business Administration	244	
—		Suspense Account	5,000	
	243			5,244
	810,060	TOTAL INCOME		888,742
	£810,060			£888,742
	—	Surplus from previous years		2,765
	6,392	Excess of Income over Expenditure, brought down		12,207
	£6,392			£14,972

INVESTMENTS HELD AT 31st JULY, 1961

SCHEDULE No. 1(a).

ROCKEFELLER ENDOWMENT FUND:—

1. QUOTED.

	Nominal Value £ s. d.	Cost £ s. d.	%	Market Value £ s. d.
British Government Stocks and Stocks of other Public Authorities				
Irish Free State 4½% Land Bonds, 2004	2,973 0 0	3,217 19 6		2,170 5 10
3% Savings Bonds, 1965–75	8,731 11 4	8,731 11 4		5,981 2 6
		11,949 10 10	8·7	8,151 8 4
Debenture Stocks				
Atlas Electric & General Trust Ltd. 5% Debenture Stock, 1979	2,000 0 0	2,334 16 6		1,630 0 0
Broadstone Investment Trust Ltd. 4% Debenture Stock, 1974–79	4,000 0 0	3,062 13 5		2,700 0 0
Caledonia Investments Ltd. 6% Redeemable Debenture Stock 1980–85	3,400 0 0	3,273 2 0		3,162 0 0
English & International Trust Ltd. 4½% Debenture Stock, 1978–83	1,700 0 0	1,699 2 9		1,249 10 0
Esso Petroleum Co. Ltd. 5½% First Debenture Stock, 1974–78	2,000 0 0	1,940 0 0		1,690 0 0
Imperial Chemical Industries Ltd. 4½% Unsecured Loan Stock, 1972–74	3,000 0 0	3,000 0 0		2,385 0 0
Mercantile Investment Trust Ltd. 4% Debenture Stock, 1960–68	2,410 0 0	2,398 1 4		1,867 15 0
Western Ground Rents Ltd. 3¼% Debenture Stock, 1991	5,000 0 0	3,671 5 9		2,975 0 0
Whitbread & Co. Ltd. 4% First Mortgage Debenture Stock, 1964–84	2,000 0 0	1,970 0 0		1,430 0 0
		23,349 1 9	16·9	19,089 5 0
Preference Shares				
Anglo-Scottish Investment Trust Ltd. 5% Cumulative Preference Stock	1,000 0 0	1,345 8 0		625 0 0
Caledonia Investments Ltd. 5% Cumulative "B" Preference Stock	5,000 0 0	7,250 0 0		3,225 0 0
Lewis's Investment Trust Ltd. 6% Cumulative Second Preference Shares of £1 each.	572 0 0	—		443 6 0
		8,595 8 0	6·2	4,293 6 0
Equities				
British American Tobacco Co. Ltd. Ordinary Stock (10/- units)	1,200 0 0	4,306 19 6		7,800 0 0
British Petroleum Co. Ltd. Ordinary Stock	1,600 0 0	4,136 1 6		3,750 0 0
Caledonian Trust Co. Ltd. Ordinary Stock (5/- units)	2,149 0 0	2,215 19 3		5,909 15 0
Clyde & Mersey Investment Trust Ltd. Ordinary Stock (5/- units)	2,250 0 0	3,862 9 3		10,125 0 0
Continental & Industrial Trust Ltd. Ordinary Stock (5/- units)	2,566 15 0	5,906 14 7		14,310 0 0
Distillers Co. Ltd. Ordinary Shares of 10/- each	2,475 0 0	4,306 7 0		8,198 8 9
Home & Foreign Investment Trust Ltd. Ordinary Stock (5/- units)	2,500 0 0	2,514 9 4		13,750 0 0
Imperial Chemical Industries Ltd. Ordinary Stock	1,890 0 0	2,751 2 0		6,426 0 0
Industrial & General Trust Ltd. Ordinary Stock (5/- units)	803 5 0	2,318 11 9		5,622 15 0
Lancashire Cotton Corporation Ltd. Ordinary Stock	3,500 0 0	4,187 10 9		9,537 10 0
Lewis's Investment Trust Ltd. Ordinary Stock (4/- units)	2,576 0 0	1,923 16 4		10,465 0 0
Liner Holdings Co. Ltd. Stock	3,000 0 0	4,349 19 6		8,550 0 0
Liverpool Warehousing Co. Ltd. Ordinary Stock (4/- units)	1,034 16 0	3,021 8 11		3,492 9 0
London & Montrose Investment Trust Ltd. Ordinary Stock (5/- units)	4,500 0 0	5,055 0 0		18,000 0 0
London & Overseas Investment Co. Ltd. Ordinary Stock (5/- units)	302 15 0	302 15 0		666 1 0
Mercantile Investment Trust Ltd. Ordinary Stock (5/- units)	924 0 0	1,485 10 9		4,620 0 0
Metal Traders Ltd. Ordinary Stock (2/- units)	1,150 0 0	5,020 19 9		4,312 10 0
Redland Holdings Ltd. Ordinary Stock (5/- units)	700 0 0	2,294 3 0		2,660 0 0
Scottish & Newcastle Breweries Ltd. Ordinary Stock	1,750 0 0	5,042 18 3		7,765 12 6
Shell Transport & Trading Co. Ltd. Ordinary Stock	2,281 0 0	5,932 10 0		13,971 2 6
Sphere Investment Trust Ltd. Ordinary Shares of 5/- each	2,250 0 0	3,021 7 0		7,312 10 0
John Summers & Sons Ltd. Ordinary Shares of £1 each	1,350 0 0	4,679 8 3		3,206 5 0
Tube Investments Co. Ltd. Ordinary Stock	3,275 0 0	6,872 19 6		10,848 8 9
Turner & Newall Ltd. Ordinary Stock	3,200 0 0	4,101 17 0		10,200 0 0
Westminster Bank Ltd. "B" Shares of £1 each	1,560 0 0	4,578 13 10		5,850 0 0
		94,189 12 0	68·2	197,349 7 6
TOTAL OF QUOTED INVESTMENTS		£138,083 12 7	100	£228,883 6 10

2. UNQUOTED.

Economists' Bookshop Ltd.:		
"B" Shares of £1 each	2,000 0 0	2,000 0 0
"C" Shares of £1 each	50 0 0	50 0 0
		2,050 0 0
TOTAL CARRIED TO THE BALANCE SHEET		£140,133 12 7

INVESTMENTS HELD AT 31st JULY, 1961—*continued*

SCHEDULE No. 1 (b) TRUST FUNDS

1. QUOTED	Name of Fund	Nominal Value £ s. d.	Cost £ s. d.	%	Market Value £ s. d.
British Government Stocks and Stocks of Other Public Authorities					
Agricultural Mortgage Corporation Ltd. 5% Debenture Stock 1959–89	Cassel Commerce	4,700 0 0	4,347 0 0		3,877 10 0
Australia 3¼% 1965–69	Cassel Commerce	20,000 0 0	16,300 0 0		15,500 0 0
British Electricity 3% Guaranteed Stock 1968–73	Cassel Commerce	6,160 4 5	4,897 0 0		4,435 7 2
British Electricity 4¼% Guaranteed Stock 1974–79	Cassel Commerce	398 13 6	359 0 0		310 19 4
,, ,, ,, ,, ,, ,,	Premchand	482 8 6	474 17 10		376 5 10
British Gas 3% Guaranteed Stock 1990–95 ..	Cassel Commerce	3,860 4 10	2,567 0 0		2,065 4 7
British Transport 3% Guaranteed Stock 1968–73	Rees Jeffreys	563 4 2	553 3 9		405 10 2
British Transport 3% Guaranteed Stock 1978–88	Acworth	2,451 11 11	2,281 15 9		1,360 12 9
,, ,, ,, ,, ,, ,,	Cassel Commerce	55,268 11 3	37,030 0 0		30,674 1 0
,, ,, ,, ,, ,, ,,	Cassel Mod. Languages	10,866 9 7	7,281 0 0		6,030 17 11
,, ,, ,, ,, ,, ,,	Hobhouse	1,854 6 1	1,846 5 8		1,029 2 9
,, ,, ,, ,, ,, ,,	Rosebery	3,601 4 7	3,441 2 3		1,998 13 8
British Transport 3% Guaranteed Stock 1972–77	Cassel Commerce	23,286 5 10	20,026 0 0		17,697 11 8
4% Consolidated Stock	Business Admin.	836 18 4	816 14 7		489 11 11
3½% Conversion Stock 1961	Allyn Young	259 0 3	208 12 1		137 5 6
5% Conversion Stock 1971	Advertising Assen.	2,155 18 0	2,000 0 0		1,907 19 5
,, ,, ,, ,, ...	Cassel Commerce	30,823 2 0	28,519 12 4		27,278 8 10
,, ,, ,, ,, ...	Cassel Mod. Languages	10,061 13 10	9,314 6 3		8,904 11 11
5¼% Conversion Stock 1974	Bowley	168 13 1	167 5 11		152 12 7
,, ,, ,, ,, ...	Christie	415 8 1	409 16 9		375 18 10
,, ,, ,, ,, ...	Auguste Comte	700 16 0	690 0 1		634 4 6
,, ,, ,, ,, ...	Farr	52 7 11	53 8 6		47 8 4
,, ,, ,, ,, ...	Gonner	126 4 6	125 4 4		114 4 8
,, ,, ,, ,, ...	Hughes Parry	322 10 5	325 17 6		291 17 7
,, ,, ,, ,, ...	Knowles	889 5 6	875 0 6		804 15 10
,, ,, ,, ,, ...	Malinowski	136 5 9	133 3 6		123 6 10
,, ,, ,, ,, ...	Wilson Potter	95 6 8	94 13 2		86 5 8
,, ,, ,, ,, ...	Skepper	3,335 17 11	3,282 5 9		3,018 19 9
,, ,, ,, ,, ...	Graham Wallas	141 15 0	139 15 8		128 5 8
,, ,, ,, ,, ...	Whittuck	2,096 5 6	2,063 19 4		1,897 2 7
5½% Exchequer Stock 1966	Advertising Assen.	1,925 0 1	2,000 0 0		1,852 16 4
,, ,, ,, ,, ...	History of Prices and Wages	854 14 7	855 0 0		822 13 7
3½% Funding Stock 1999–2004	Skepper	15,781 4 1	10,271 9 8		9,074 3 10
4% Funding Stock 1960–90	Business Admin.	4,732 8 2	4,664 19 7		4,117 3 11
,, ,, ,, ,, ...	Laski	1,118 16 8	1,100 1 11		973 7 9
5½% Funding Stock 1982–84	Chidambaram Chettiar	536 2 4	538 16 3		487 17 4
London County Consolidated 2½% Stock ..	Hutchinson	32 5 0	30 0 0		11 12 2
3% Savings Bonds 1960–70	Cassel Commerce	403 17 3	333 0 0		306 18 9
,, ,, ,, ,, ...	Lloyd	402 0 6	382 7 10		305 10 9
,, ,, ,, ,, ...	Singer	274 8 9	225 16 5		208 11 5
3% Savings Bonds 1965–75	Cassel Commerce	12,182 19 1	9,259 0 0		8,345 6 6
3½% Treasury Stock 1977–80	Cassel Commerce	28,072 5 0	22,037 0 0		19,089 2 7
,, ,, ,, 1979–81	Cassel Commerce	1,175 5 6	911 0 0		799 3 9
			203,232 13 2	92·4	178,549 5 11
Debenture Stocks					
British Investment Trust Ltd. 4% Redeemable Debenture Stock 1973–78	Business Admin.	1,000 0 0	950 0 0		660 0 0
Canadian Pacific Railway Co. 4% Perpetual Consolidated Debenture Stock	Hutchins	1,152 0 0	850 5 9		610 11 2
Ind Coope Ltd. 5¼% Redeemable Debenture Stock 1979–84	Business Admin.	532 0 0	591 12 9		438 18 0
London and Provincial Trust Ltd. 5% Redeemable Debenture Stock 1967–87	Business Admin.	1,000 0 0	1,137 7 6		750 0 0
			3,529 6 0	1·6	2,459 9 2
Preference Shares					
Montague Burton Ltd. 7% Cumulative Preference Shares of £1 each	Montague Burton	5,780 0 0	5,780 0 0	2·6	5,509 1 3
Equities					
Birmid Industries Ltd. Ordinary Shares of £1 each	Rees Jeffreys	840 0 0	922 10 0		3,255 0 0
Continental and Industrial Trust Ltd. Ordinary Stock (5/– units)	Malinowski	301 5 0	995 15 5		1,446 0 0
Gestetner Ltd.					
Ordinary Stock (5/– units)	Rees Jeffreys	50 0 0	425 0 0		2,102 1 6
"A" Ordinary Stock (5/– units)		262 5 0			

SCHEDULE No. 1 (b) TRUST FUNDS—*continued*

	Name of Fund	Nominal Value £ s. d.	Cost £ s. d.	%	Market Value £ s. d.
Equities—*continued*					
House of Fraser Ltd. "A" Ordinary Stock (5/- units)	Rees Jeffreys	157 10 0	381 5 0		1,712 16 3
Imperial Chemical Industries Ltd. Ordinary Stock	Rees Jeffreys	441 0 0	370 10 3		1,499 8 0
Lancashire Cotton Corporation Ltd. Ordinary Stock	Hutchins	500 0 0	865 1 6		1,362 10 0
London and Overseas Investment Co. Ltd.					
Ordinary Shares of 5/- each	Rees Jeffreys	1,164 15 0	1,400 1 11		2,562 9 0
Ordinary Shares of 5/- each	Singer	206 5 0	522 15 1		453 15 0
Murex Ltd. Ordinary Stock	Rees Jeffreys	350 0 0	418 15 0		721 17 6
J. & P. Coats, Patons and Baldwins Ltd. Ordinary Shares	Rees Jeffreys	366 0 0	456 5 0		750 6 0
Phoenix Assurance Co. Ltd. 5/- Shares	Farr	10 10 0	118 13 6		346 10 0
Thomas Tilling Ltd. Ordinary Stock (4/- units)	Rees Jeffreys	121 0 0	100 0 0		756 5 0
Watney Mann Ltd. Ordinary Stock	Rees Jeffreys	104 0 0	443 8 6		448 10 0
			7,420 1 2	3·4	17,417 8 3
TOTAL CARRIED TO THE BALANCE SHEET			£219,962 0 4	100	£203,935 4 7

SCHEDULE NO. 1 (c) F.S.S.U. FUND

1. QUOTED

British Government Stocks and Stocks of Other Public Authorities

4¾% Conversion Stock 1963		957 10 1	954 11 6		926 7 9
2½% Exchequer Stock 1963–64		371 3 4	345 15 11		336 16 8
,, ,, ,, ,,		7,038 1 3	6,162 17 8		6,387 0 10
2½% Savings Bonds 1964–67		11,006 14 2	9,156 2 8		9,080 10 8
,, ,, ,, ,,		9,137 3 1	7,637 18 11		7,538 3 0
3% Savings Bonds 1955–65		9,323 13 11	8,512 10 0		8,274 15 7
Southern Rhodesia 3½% Stock 1967–69		4,949 9 4	3,855 0 0		3,365 12 9
TOTAL OF QUOTED INVESTMENTS			£36,624 16 8	100	£35,909 7 3

2. UNQUOTED

Abbey National Building Society (Deposit Account)			£809 13 10		
TOTAL CARRIED TO THE BALANCE SHEET			£37,434 10 6		

SCHEDULE NO. 1 (d) GENERAL INVESTMENTS

1. QUOTED

British Government Stocks and Stocks of Other Public Authorities

5% Conversion Stock 1971	Passfield	2,240 11 7	2,078 10 9		1,982 18 3
5¼% Conversion Stock 1974	Manor Charitable	988 13 7	1,000 0 0		894 15 1
5½% Exchequer Stock 1966	Montague Burton	200 0 0	207 15 11		192 10 0
,, ,, ,, ,,	Commerce Degree	640 9 9	664 19 9		616 9 4
,, ,, ,, ,,	Passfield	1,638 7 4	1,702 5 1		1,576 18 7
2½% Treasury Stock 1975	Athletics Union	311 4 6	311 4 6		119 16 5
			5,964 16 0	28·3	5,383 7 8

Debenture Stocks

Bankers Investment Trust Ltd. 4% Perpetual Debenture Stock	Passfield	920 0 0	999 11 0		483 0 0
Liebigs Extract of Meat Co. Ltd. 5¾% Debenture Stock 1980–85	Superannuation Reserve	1,450 0 0	1,428 5 0		1,239 15 0
Metal Box Co. Ltd. 5½% Unsecured Loan Stock 1977–80	Superannuation Reserve	3,500 0 0	3,439 3 0		3,062 10 0
			5,866 19 0	27·8	4,785 5 0

INVESTMENTS HELD AT 31st JULY, 1961—*continued*

SCHEDULE No. 1 (d) GENERAL INVESTMENTS—*continued*

	Name of Fund	Nominal Value £ s. d.	Cost £ s. d.	%	Market Value £ s. d.
Equities					
Broadstone Investment Trust Ltd. Ordinary Stock (4/– units)	Manor Charitable	108 8 0	499 16 0		623 6 0
Caledonian Trust Co. Ltd. Ordinary Stock (5/– units)	Passfield	400 0 0	1,022 16 6		1,100 0 0
Clydesdale Investment Co. Ltd. Stock (5/– units)	Superannuation Reserve	250 0 0	666 9 5		725 0 0
De Beers Consolidated Mines Ltd. deferred shares of 0·50 Rands each	Passfield	Rands 62·50	1,255 17 9		781 5 0
English and International Trust Ltd. Ordinary Stock	Superannuation Reserve	1,537 0 0	2,260 5 7		4,226 15 0
Guest Keen and Nettlefolds Ltd. Ordinary Shares of £1 each	Passfield	125 0 0	485 19 10		554 13 9
,, ,, ,, ,, ,,	Superannuation Reserve	150 0 0	582 4 9		665 12 6
Hongkong and Shanghai Banking Corporation Shares of $25	Passfield	$2,500	1,331 4 6		1,800 0 0
Imperial Chemical Industries Ltd. Ordinary Stock	Superannuation Reserve	184 0 0	632 12 9		625 12 0
Royal Insurance Co. Ltd. Ordinary Stock (5/– units)	Passfield	17 10 0	524 11 6		577 10 0
			9,261 18 7	43·9	11,679 14 3
TOTAL OF QUOTED INVESTMENTS			£21,093 13 7	100	21,848 6 11
2. UNQUOTED					
Abbey National Building Society (Share account)			£986 16 4		
TOTAL CARRIED TO THE BALANCE SHEET			£22,080 9 11		

FREEHOLD LAND AND BUILDINGS AT 31st JULY, 1961.

SCHEDULE No. 2

	Cost £
School Properties :—	
Athletics Ground and Pavilions	18,522
1, 2 & 3, Clare Market and 12, Houghton Street	36,542
11, Clements Inn Passage	2,500
12, Clements Inn Passage	2,579
13 & 14, Houghton Street	9,159
15, Houghton Street	3,300
16, Houghton Street	35,688
17, 18 & 19, Houghton Street	118,426
King's Chambers	146,215
4, Portugal Street	35,717
	£408,648
Endowment Property :—	
31, John Adam Street, London	£13,968
Trust Property :—	
111/112, High Street, Gosport	£8,850

TRUST FUNDS AT 31st JULY, 1961.

SCHEDULE No. 3

Name of Fund	Capital £	s.	d.	Unexpended Income £	s.	d.
Acworth Memorial	2,252	13	3	101	19	1
Advertising Association	4,147	11	4	.	.	.
Bowley Prize	167	5	11	8	17	0
Montague Burton	8,850	0	0	.	.	.
Montague Burton Memorial	5,780	0	0	693	18	8
Business Administration	8,047	10	10	.	.	.
Cassel (Commerce)	146,585	12	4	.	.	.
Cassel(Modern Languages)	16,595	6	3	.	.	.
Chidambaram Chettiar	500	0	0	31	15	2
Christie Memorial	409	16	9	3	0	6
Auguste Comte	690	0	1	493	9	6
Farr Medal	129	1	8	66	16	1
Gonner Prize	125	4	4	6	12	6
History of Prices and Wages	855	7	6	.	.	.
Hobhouse Memorial	1,724	3	5	.	.	.
Hutchins' Studentship for Women	1,715	7	3	140	1	1
Hutchinson	30	0	0	1	12	0
Institute of Economic Affairs	2,453	18	2	.	.	.
Rees Jeffreys' Studentship	5,473	12	9	476	6	2
Knowles Memorial	875	0	6	51	2	8
Harold Laski Scholarship	1,100	1	11	44	15	0
C. M. Lloyd Prize	369	17	6	33	17	9
Malinowski Memorial	1,167	6	8	43	5	4
Hughes Parry	325	17	6	24	19	11
Wilson Potter Cup	94	13	2	8	10	10
Premchand Prize	456	6	5	38	11	11
Rosebery	3,417	8	1	111	3	3
Singer Research	973	1	6	34	1	9
Skepper	13,553	15	5	.	.	.
Graham Wallas	139	15	8	.	.	.
Whittuck	2,063	19	4	.	.	.
Allyn Young Memorial	208	12	1	10	0	0
TOTAL CARRIED TO THE BALANCE SHEET	£231,278	7	7	£2,424	16	2

SPECIAL FUNDS AS AT 31st JULY, 1961.

SCHEDULE No. 4

	£	s.	d.
Anthropology (Malinowski) Library	45	0	0
Athletics Union	311	4	6
British Petroleum Co. Ltd.	1,435	6	5
Montague Burton Fund	226	3	11
Catalogue of the Book Trade Collections	250	0	0
City Parochial Foundation	807	8	4
Columbia University	90	7	6
Commerce Degree	699	7	4
Dixon Boat Club Cup	72	0	5
Economica	3,218	13	11
Ford Foundation:—			
Analytical Economics	10,543	3	5
Human Behaviour	625	9	10
Greek Shipowners' Scholarship	836	4	8
Gulbenkian Foundation	189	8	11
Home Office:— Mr. Little	285	1	4
Dr. Mannheim	438	18	0
Methods of Investigating Crime	4,449	18	2
Dr. Morris	119	5	7
Mr. Hall Williams	116	5	9
Houblon-Norman	442	0	1
Latin-American Research Fellowship	6,484	13	10
Leverhulme Trust:—			
Scholarships	626	2	10
Special Contingencies	23	5	7
Library Catalogue	4,247	0	3
Manchester Oil Refinery	2,531	14	11
Manor Charitable Trust	1,731	7	7
Mental Health Loans	448	0	0
National Association of Local Government Officers'	93	2	9
National Corporation for the Care of Old People	17	17	4
National Science Foundation	3,679	12	7
Northern Studies	81	2	2
Nuffield Foundation:—			
Government in Greater London	1,654	18	4
History of Prices and Wages	572	8	10
Dr. Mannheim	438	18	1
Research Techniques Division	6,001	0	6
Soviet Law	1,232	11	11
Mr. P. Townsend	359	19	11

SPECIAL FUNDS AS AT 31st JULY, 1961—*continued.*

SCHEDULE No. 4—*continued.*	£	s.	d.
Passfield	9,658	13	0
Passfield Trust:—			
Research Fellowship	165	1	10
Webb Research	46	5	7
Rees Jeffreys Road Fund	2,310	16	10
Reprints	1,633	10	3
Rockefeller Foundation:—			
International Studies	298	6	8
Mr. Wight	631	8	2
Rodwell Jones Memorial	77	3	6
Rowntree Trust:—			
History of Prices and Wages	572	8	9
Housing Study	509	10	8
Site Extension	122	6	5
Social Science Loans	222	0	0
Sociological Publications	329	11	2
Statistics and Computing	5,064	9	2
Student Loans	215	0	10
Superannuation Reserve	10,730	1	3
Wenner-Gren	296	12	5
TOTAL CARRIED TO THE BALANCE SHEET	£88,308	12	0

OBITUARY

The School records with deep regret the deaths of:—

SIR WESTCOTT STILE ABELL, an Occasional Lecturer at the School from 1921 to 1928.

MARGARET ASHDOWN, a student of the School from 1915 to 1916 and 1929 to 1930 and Supervisor of Practical Work for the Mental Health Course of the School from August 1943 to July 1947.

REGINALD BASSETT, a member of the staff from 1945 to 1962 (Tutor in Trade Union Studies 1945–50, Lecturer in Political Science 1950–53, Reader in Political Science 1953–61, Professor of Political Science 1961–62.

FREDERIC CHARLES COURTENAY BENHAM, a student of the School from 1919 to 1923 and a member of the staff from 1930 to 1946 (Lecturer 1930–31, Reader 1931–45, Professor of Commerce with special reference to International Trade, 1945–46).

LADY ALICE THISTLE BOTTOMLEY (née Robinson), a student of the School from 1904 to 1911, a member of the staff from 1908 to 1912, and an occasional student from 1926 to 1928.

SIR WILFRID EADY, a Governor of the School since 1939.

CHARLES RYLE FAY, an Occasional Lecturer at the School from 1908 to 1909.

DOROTHY LUCY GODFREY (née Martin), a member of the staff from 1945 to 1947.

WOLFRAM WILHELM GOTTLIEB, Fellow in International Studies from 1959 to 1960 and lecturer in International History from 1960 to 1961.

SIR CECIL KISCH, a Governor of the School since 1935.

GEORGE FREDIC MCCLEARY, an Occasional Lecturer at the School from 1902 to 1903 and 1937 to 1938.

ARTHUR REDFORD, Cassel Lecturer in Commerce at the School from 1925 to 1926.

WILLIAM ROSE, Sir Ernest Cassel Reader in German from 1935 to 1949 and Professor of German Language and Literature from 1949 to 1961.

RICHARD HENRY TAWNEY, a member of the staff of the School from 1912 to 1915 and from 1917 to 1951 (Occasional Lecturer 1912–15, Lecturer 1917–23, Reader 1923–31, Professor of Economic History 1931–51).

ALEXANDER NORTON THORNHILL, a member of the staff from 1950 to 1959.

SIR CHARLES KINGSLEY WEBSTER, Stevenson Professor of International History from 1932 to 1953.

Charles Frederick Bickerdike, a student of the School from 1902 to 1906 and from 1913 to 1915.
Keith Brendon Callard, a student of the School from 1942 to 1943 and from 1946 to 1948.
Herbert Roy Maslen Chamberlain, a student of the School from 1918 to 1921 and from 1924 to 1928.
Isidore Graul, a student of the School from 1918 to 1921 and President of the Students' Union, 1922.
David Michael Harris, a student of the School from 1954–57.
David Ivor, a graduate student of the School from 1939 to 1940 and from 1944 to 1946.
Jean Priscilla Last, a student of the School from 1960 to 1961.
Rosalie May Mills (nee Taylor), a student of the School from 1930–32.
Leslie John Henry Noyes, a student of the School from 1932 to 1937.
Walter Oskar Pendray, a student of the School from 1949 to 1952.
Michael Brendan Reilly, a student of the School since October 1960.
Eric Saunders, a student of the School from 1952 to 1955.
Ernest Reginald Smith, a student of the School in 1919 and 1921.
Caroline Mabel Webb (nee West-Watson), a student of the School from 1931–32.

Academic Awards

SCHOLARSHIPS, STUDENTSHIPS AND PRIZES AWARDED IN 1961

(a) Awarded by the School

Entrance Scholarships and Bursaries

Leverhulme Scholarships

Michael Rodney Cunningham (Gosforth Grammar School).
Peter Robert Ferguson (St. Bede's Grammar School, Bradford).
Geoffrey Gitter (St. Clement Danes Grammar School).
David Alexander Reisman (Shene County Grammar School).

Entrance Scholarship

Anthony Frank Sheward (Harrow County School for Boys).

Whittuck Scholarship in Laws

Not Awarded.

Scholarships for Mathematicians in Statistics and Computational Methods

Brian John Morgan (Dartford Grammar School).
Colin Michael Price (Kings School, Canterbury).
Philip John Samuels (Hendon Grammar School).

Christie Exhibition

Not Awarded.

Leverhulme Adult Scholarship

Stanley Robert Purnell.
Eric Sydney Tartakover.

Undergraduate Awards

Scholarship in Laws

Bernard Victor Day.

Leverhulme Undergraduate Scholarships

Anthony Ivall Aust.
Alan Peter Budd.
Abdul Sultan Ismail Ali Haji.
Percival Noel James Patterson.

Rosebery Scholarship

Samuel Levy.

Lilian Knowles Memorial Scholarship

Malcolm Edward Falkus.

Harold J. Laski Scholarship

Arnold Bulka.

Scholarship in International Law

Alexis Vernon Pienaar.

S. H. Bailey Scholarship in International Law

John Robin Davies.

Graduate Awards

Leverhulme Research Studentships

Wilfred John Beresford.
Anthony Richard Champion De Crespigny.
Noel Charles Anthony Parry.
Bal Vasant Wagle

Graduate Studentships

Neville Richard Bennett.
David Ioan Davies.

Rees Jeffreys Studentship

Rigas Sotiris Doganis.

Research Studentship for Oversea Students

Balwanth Reddy.

Montague Burton Studentship in International Relations

Hector Alston Meek Blair.
Carol Margaret Roberts.

Leverhulme Studentship for Special Courses

John Francis Bradshaw Goodman.
Robert James Murcott.

Leverhulme Graduate Entrance Studentships for Oversea Students

Edwin Allan Brett.
Takeshi Kido.

Graduate Bursaries

Gerald James Anthony.
Lachlan Archibald James Armour.
John Holt Beaglehole.
John Charles Cowley.
Graham Harvey Craig.
Dennis Ikwueme Ogunnwa Ewelukwa.
David Robert Goodman.
David Henry Hamilton.
Edward Hugh Hammonds.
Robert Emanuel Kahn.
Peter Malcolm Leslie.
Michael Hazelip Lyon.
Peter Robinson.
Mridula Mansukhlal Shah.
Michael Colin Stroud.

Medals and Prizes

Farr Medal and Prize

Not Awarded.

Gonner Prize

Peter Christopher Ingham Ayre.

Hobhouse Memorial Prize

Audrey Hayley.

Premchand Prize

Not Awarded.

Mostyn Lloyd Memorial Prize

Diana Elizabeth Hamilton Russell.

Raynes Undergraduate Prize

Edward Alexander French.

Allyn Young Prize

Edward Alexander French.

Hughes Parry Prize

Percival Noel James Patterson.

Director's Essay Prizes

1st William Albert Hampton.
2nd Susan Millott.

Gladstone Memorial Prize

Not Awarded.

Kaplan Prize

Frances Gwendoline Lear.
Shirley Josephine Linden.

Dr. Anstey's Essay Prize

Kuldip Mirani.

Jessy Mair Cup for Music

Antonius Salvatore Joseph Pellegrini.

(b) Awarded by the University

Loch Exhibitions

Janet Fay Beech.
Joan Margaret Patten.

Metcalfe Scholarship for Women

Janet Miriam Henry.

Metcalfe Studentship for Women

Not Awarded.

Leon Fellowship

Emil Solomon Sachs.

Sir Edward Stern Scholarships

Edward Alexander French.
Parmond Stanley Reardon.

University Postgraduate Studentships

Maureen Elizabeth Cain.
Nirmal Kumar Chandra.
Richard Louis De Lavigne.
Keith David Jones.
Robert Wynne Jones.
Frances Gwendoline Lear.
Gillian Mary MacGuire.
David John Manning.
Brian O'Connor.
Lawrence Silverman.
Andreas Marcou Varlaam.
Beryl Joan Williams.

University Postgraduate Bursaries
Robin Keith Alderman.
James Sanderson.

(c) Awarded by Outside Bodies

British Association for the Advancement of Science
Michael Anthony Keenoy.

French Government Scholarship
Richard Louis De Lavigne.

Berlin Exchange Scholarship
Brian Lewis Gomes Da Costa.

Fellowship at Princeton University
Douglas Needham.

Teaching Assistantship at the University of California
Peter James Dickerson.

Canadian Commonwealth Scholarship at Toronto University
Peter Silcox.

Harkness Fellowship of the Commonwealth Fund
James Matthew Arrowsmith.

Goldsmiths' Company Travel Grants
Archibald Haworth Brown.
Geoffrey Albert Chitty.
John Leslie Corless.
Richard William Gray.
James Norman Greenfield.
Edmund Michael Gardener Jenkins.
John Michael Jones.
Renee Serlin.
David Clive Williams.

Athletic Awards

Steel-Maitland Cup
Bal Vasant Wagle.

Steel-Maitland Cup for Women
Julie Elizabeth Charles.

Wilson Potter Cup for Athletics
David William Allen.

Ernest Cornwall Cup
Basketball Club.

Club Awards

Badminton: Men's Singles
Atul Rameshchandra Desai.

Badminton: Men's Doubles
Atul Rameshchandra Desai.
Premchand Devchand Fulchand Shah.

Badminton: Women's Singles
Not Awarded.

S. H. Beaver Cricket Captain's Cup
Derek Christopher Searle.

Cross-Country Club Cup
Michael Heck.

Golf: Captain's Cup
Anthony James Fielding.

Golf: President's Putter
Rhodri Wyn Lewis.

Golf: President's Brassie
Rhodri Wyn Lewis.

Lawn Tennis: Men's Singles
Richard Charles Stevenson.

Lawn Tennis: Women's Singles
Not Awarded.

Squash: Men's Singles
Not Awarded.

Open Day Awards

100 Yards Challenge Race (Men)
Not Awarded.

440 Yards Challenge Race (Men)
Not Awarded.

Invitation One Mile Race (Men)
Michael Heck.

Inter-collegiate Mile Medley Relay Race
Not Awarded.

Gutteridge Tug-of-War Cup
Rugby Club.

DEGREES

B.Sc.(Economics) Final Examination

HONOURS

FIRST CLASS

1961

JAMES MATTHEW ARROWSMITH.
PETER CHRISTOPHER INGHAM AYRE.
MICHAEL JOHN BLANDEN.
JOHN CLARK GARNETT.
JOHN FRANCIS BRADSHAW GOODMAN.
JOHN RAYMOND HOBSON.
ROBERT WYNNE JONES.
JAGMOHAN NANDLAL KEJRIWAL.
PETER CHARLES LUFFRUM.
DOUGLAS NEEDHAM.
DAVID EDWARD REGAN.
ALAN ARNOLD WATSON.

SECOND CLASS

(Upper Division)

ROBIN KEITH ALDERMAN.
JOHN MICHAEL BAMBERGER.
GORDON STEPHEN BARRASS.
JOHN HOLT BEAGLEHOLE.
GEOFFREY LAKIN BELL.
NEVILLE RICHARD BENNETT.
ROY PARTINGTON BENNETT.
WILFRED JOHN BERESFORD.
JOHN STAFFORD BERRIDGE.
GERALD JOHN BRADSHAW.
ANTHONY CLIFFORD BROWN.
DAVISON LAWRENCE BUDHOO.
BRIAN ROY CAKEBREAD.
JOHN CALVERT CORNWELL.
JOHN CHARLES COWLEY.
WILLIAM ROBERT DARGUE.
ERIC GASKELL DARWIN.
JOHN ROBIN DAVIES.
MARIE DESIRE PIERRE DINAN.
MICHAEL LAWRENCE DOCKRILL.
NEIL MORRISON MACLACHLAN DORWARD.
JOHN EVAN DUNGWORTH.
PETER ROBERT DURRANT.
STEPHEN ERROL EMTAGE.
SHAUN KAVANAGH PATRICK GARRETT.
KENNETH GREENWOOD.
ALEXANDER ROBERT HAMMOND.
GARRY HARDISTY.
GEOFFREY ARTHUR HARMER.
CHRISTOPHER TOWNSHEND HART.
JOHN LAURANCE HAYES.
ANTHONY HERMAN.
ALBERT GREGORIO HINES.
SAID HABEEB HITTI.

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

1961

PETER JOSEPH FREDERICK HUGHES.
ARTHUR WALTER HUNT.
KHWAJA MAHBOOB ILAHI.
JOHN JESSE JAMES.
DAVID WILLIAM JARY.
WALFORD JOHNSON.
DAVID BRYN JONES.
GRAHAM THACKWELL JONES.
STUART GLYN JONES.
KENNETH JOHN JORDAN.
FRANKLIN ROGER ANGUS JOYCE.
PRAKASHKUMAR KHAITAN.
VERNON FRANK LANE.
TERENCE RICHARD LEE.
MICHAEL JAMES MCDOUGALL.
AKHIL KISHORLAL MARFATIA.
GEOFFREY FRANCIS HOWARD MATTHEWS.
NIGEL BEVAN MORGAN.
ABBASBHOY HAIDERALI.
JOHN RICHARD PEET.
GEORGE SELWYN RAMLACKHANSINGH.
WALDO EMERSON RAMSEY.
JOHN MALCOLM RAYNOR.
ALBERT CARTER RHODES.
GEORGE DEREK RICHARDSON.
EDWARD NICHOLAS RINTS.
COLIN ROSE.
ROBERT JOHN ROSHIER.
JAMES SANDERSON.
PRAFULL ANUBHAI SHAH.
SURENDRA MANEKLAL SHAH.
PETER WALTER JOHN SHEEHAN.
ANTHONY DAVID SHERIDAN.
ERIC STANSFIELD.
YASHPAL TANDON.
PHILIP JAMES TAYLOR.
DAVID FRANK WALKER.
PETER WALKER.
ANGELA MOIR WILSON.
DONAL RICHARD WILLIAM YOUNG.

SECOND CLASS

(Lower Division)

NEVILLE VICTOR ABRAHAM.
ABDEL RAHMAN ABU BAKR.
KENNETH WALTER AITKEN.
LIONEL THOMAS ANTHONY.
BRIAN ATTEWELL.
EDWIN WALLACE AUSTIN.
MOH HASHIM AWAD.
HENRY JOSEPH BAGLEY.
JOHN RODERIC CHARLES BEALE.
PETER CLARK BEBBINGTON.
LEONARD GEORGE BEWSHER.
ROBERTO LUIGO MARIO BRACCHETTI.
HENRY BROOKS.

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

1961

Brian Oliver Bubbear.
David Gerald Bullock.
Rodney Stewart Charlton.
Kenneth William Childerhouse.
Hilary Alma Clay.
Allan Vincent Cannon Cook.
Raymond Bernard Couchman.
Philip Anthony Alden Court.
Brian Reginald Crack.
John Sylvester Crane.
John Philip Crawford.
David Colin Dallimore.
Mary Elizabeth Daniel.
Thomas Lyndon Davies.
Kenneth Daniel Davis.
William James Dinan.
Margarita Marion Eagleton.
Ian Harvey Elstein.
Graham William Frederick Ewins.
Anthony Ronald Fleming.
Anthony Forster.
Maheshchandra Gheewala.
Douglas Ian McNeill Graham.
Godfrey William Hall.
Nigel Keith Hammond.
Ian Vernon Dunlop Hazells.
Jack Hellings.
John Hyett Hible.
Anthony John Thomas Hill.
Jacqueline Hind.
Nicholas John Rudolf Holroyd.
Martin Richard Horne.
Michael John Humby.
George Edward Crellin Hunt.
Arthur Donald Hunter.
William Eugene Hurley.
Laszlo Huszar.
Bernard Adrian Johnson.
Ian Richard Johnson.
Mira Kewalram Kanuga.
Robert Walter Kember.
Robert William Kennedy.
John Michael Norman Lakin.
John Peter Lantos.
Robert Reginald Lewin.
Andy Lindley.
John Lisgo.
Terence Leslie Lloyd.
Bryan Charles Long.
Leonard Cyril Long.
Bryan Lewis George Luckham.
Massimo Macchia.
Selwyn Mar.
Marie Joseph Paul Guy Margeot.
Tony James Martin.
Anthony Thomas Meaden.
John Martin Michaelson.

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

1961

Nigel Gordon Middleton.
John Edward Michael Moore.
Geraint Rhys Morgan.
Maureen Margaret Murphy.
David John Nessling.
Peter John North.
Samuel Ore Olorun Olatunji Ogundare.
Richard Adrian Tinker Oldfield.
Theocharis Papamargaris.
Muhammed Parvez.
Charles Rowland Pascoe.
Olwyn Constance Edwards Paton.
John Davey Pell.
Patricia Roberta Pickard.
Brian Henry Pope.
Charles Thomas Powell.
Yeshwant Lakshman Rajwade.
Michael Anthony Rambridge.
Richard Garth Ratcliffe.
Anthony Thomas Ratliffe.
James Howard Read.
Garth Henry Roberts.
Andrew George Rork.
George William Rowe.
Geoffrey Hands Rudd.
Graham John Sadler.
Maurice Sampson.
John Frederick Samways.
Ronald Irving Scanlon.
Brian Percy Hugh Scutt.
Derek Christopher Searle.
Dilipkumar Sen.
Alfred Peter Siddall.
John Leonard Skeggs.
Peter Sleeman.
Michael Sidney Smith.
Ronald George Stanley Smith.
Alan John Snow.
David Michael Stephenson.
Charles Roy Stickland.
Robert William John Sturgess.
Donald Sturzaker.
Keith Charles Sutton.
Kenneth Mervyn Taylor.
Donald West Thackray.
Maung Mya Thein.
Cedric Clive Thompson.
Henry Fielding Thoresby.
Peter John Dennis Thorne.
Barry Horace Page Turner.
Michael Charles Weaver.
Krystyna Weinstein.
David Ernest Weston.
Colin Charles Whale.
Graham White.
John Whyman.
Arthur Neville Williams,

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

1961

John Gareth Williams.
Andrew Alexander Wilson.
William Stanley Lawrence Woolley.
George Wykes.
Ergun Yuksel.

Pass

Thomas Adewale Adenuga.
Ferdinand Liege Egim Adinye.
Robert Cuthbert Appleby.
Gautama Prosad Barua.
Margaret Edith Beavan.
Michael Christofer William Blaauw.
Hilda Adeline Branch.
Dorothy Vera Bremridge.
Rosemary Brian.
Michael Bungey.
Julie Elizabeth Charles.
Terence Anthony Churchward.
Diana Catherine Comerford.
Charles Michael Copeland.
George Cranmer.
Thomas Eric Hector Crawford.
John Anthony Walker da Costa.
Kanchan Datta.
Brian Davies.
Roger Daw.
James Alan Denny.
Ian Donald.
Robert Allison Dunn.
Albert Mukoro Egoh.
Mary Elmslie.
John Bruce Madoc Evans.
Henry Philip Ewald.
Michael Cotton Garratt.
Frederick James Henry Hanson.
Margaret Lucy Hargreaves.
Hashim Ishaque.
Ameen Jan.
Clifford Jeans.
Brian Jones.
Peter Douglas Jones.
Robert William Gerald Lewis.
Lien Chin Wah.
Hila Limam.
John Michael Anthony Lloyd.
Carolina Maxima Lobo.
Dunbar Irvine McIntyre.
Donald McPhail.
David Michael Martin.
Bernard William Allen Miller.
Jishnu Misra.
Colin Nicholas Eades Mitchell.
Shitikantha Mukherji.
Samuel Olatunde Odunlami.
Peter Janos Pallai.

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

1961

Brian Anthony Roper.
Peter Gordon Saunders.
John Byron Sharp.
John David Shipton.
Neil Speed.
Brian Colin Cooper Tindale.
Jean Margaret Tinsdale.
Peter Julian Tinsley.
Alan Torevell.
Anthony Peter Watson.
Peter Westley.
Elizabeth Louise Young.

B.Sc.(Sociology) Examination

Honours

Second Class

(*Upper Division*)

1961

Elizabeth Jane Collingridge.
Susan Margaret Crockett.
Robin Evenden.
Hermione Clarissa Eulyn Rapier.
Sandra Suzanne Wallman.

Second Class

(*Lower Division*)

Heather Elizabeth Agnew.
Kofi Appiah-Kyeremeh.
Rhoda Isabel Atkin.
Edward Booth.
Janet Couling.
Roger Robert Court.
Richard Michael Johnston Eastham
Anne Mary Forbes.
Patricia Jean Gray.
Reginald Alexander Hughes.
Edward Cecil Jones.
James Collins Kincaid.
Chirin Mahdavi.
John David Massey.
John Parham.
Evelyn Rokach.
Peter James Samuel.
Veronica Ann Shaw.
Kenneth Keir Sillitoe.
Julia Rose Tennant.

Third Class

Harry Abernethy.
Alan Leslie Backhouse.
Claudette Blaydon.
Brian Paul Gibson.
Brian Lewis Gomes da Costa.
Barbara Peterson McNair.

B.Sc. (Sociology) Examination—*continued*

1961

John Leonard Martin.
Burudi Nabwera.
Susan Jane Rogers.
Jean Erica Thomas.
Frederick William Trinder.
Patricia Foster Trotman.

B.A. Honours in Sociology

First Class

1961

Audrey Hayley.
Frances Gwendoline Lear.
Shirley Josephine Linden.

Second Class

(*Upper Division*)

Kathleen Margaret Devney.
Rita Dorothy Stewart Lang.
Barbara Christine Stevens.
Kay Wallis.
John Beresford Yates.

Second Class

(*Lower Division*)

Mary Veronica Ellis.
Eve Fisher.
Elizabeth Horan.
Nigel John Larkins.
Sheila Mary Murray

Third Class

Janet Mary Bennett.
Jennifer Anne Pell.
Sally Elizabeth Rose.

B.A. Honours in Anthropology

Second Class

(*Upper Division*)

1961

Frank Iorweth Parkin.

Second Class

(*Lower Division*)

Gillian James.

Third Class

Christopher Hooi Liang Yin.

B.A. Honours in Geography

First Class

1961

Brian O'Conner.

B.A. Honours in Geography—*continued*

Second Class

(*Upper Division*)

1961

Vivien Margaret Roxana Lamb.
David Roden.
Brian Slack.
Susan Alison Snodgrass.
Ian Stewart.

Second Class

(*Lower Division*)

Paul Terence Abbs.
Anne Shirley Curtis.
Lynton Stanley Gray.
Wijesinghe Aratchige Sydney Daniel Vernon Perera.
Adrian Sterling Pope.

Third Class

Iain Hubert Haig.
Edward Pinchassov.

B.A. Honours in History
Branch II

First Class Honours

1961

Richard Louis de Lavigne.

Second Class Honours

(*Upper Division*)

Colin Newcombe.
Anthony Monus Rowland.

Second Class Honours

(*Lower Division*)

John Stuart Atkinson.
Richard Gibby Bowen.
John Frederick Evans.
Douglas Charles Grant.
Joseph Charles Harper.
James Alexander Moore.
Caroline Mary Morgan.
Valerie Anne Sado.
Christopher David Wakefield.

Third Class Honours

Pradipkumar Das.
Peter Thomas Holliday.
Sunday Chinke Okoro.

Branch VI

Second Class Honours

(*Upper Division*)

1961

Richard Archer Woff.

B.A. Honours in Philosophy and Economics

SECOND CLASS

(*Upper Division*)

1961 ALAN EDWARD MUSGRAVE.
BRIAN WALLACE STONE.

SECOND CLASS

(*Lower Division*)

SURESH CHANDRA PARIKH.

THIRD CLASS

MICHAEL JOHN CUMING.
ROBERT HAMISH GRAY.

LL.B. Final Examination

HONOURS

SECOND CLASS

(*Upper Division*)

1961 RONALD GRANT ARMSTRONG.
GRAHAM HARVEY CRAIG.
DENNIS IKWUEME OGUNNWA EWELUKWA.
DAVID ROBERT GOODMAN.
SHIRLEY QUEENIE LEWIS.
RALPH PARSONS.
ROGER KAY YATES.

SECOND CLASS

(*Lower Division*)

IAN KEITH ALEXANDER.
GERALD JAMES ANTHONY.
LACHLAN ARCHIBALD JAMES ARMOUR.
JEFFREY JOSEPH BAYES.
FRANCES EDITH BUCKLEY.
WILLIAM WALTER FORBES.
DAVID HENRY HAMILTON.
KATHARINE VAUGHAN HARRIS.
OYEWOLA JEMIYO.
JOHN CLIVE HUGH JONES.
LAURENCE HOWARD KINGSLEY.
ALAN MARCO.
RICHARD WILLIAM MARTIN.
JOHN SONNADI OKPALUBA.
JAMES BRIAN OLIVER.
TIMOTHY AJIBOLA OLUWOLE.
MICHAEL JAMES PAWLEY.
JOHN BROWN ORLEANS POBEE.
CHRISTOPHER REGINALD POTTS.
*CHARLES BARTELS ZWENNES.

PASS

*OKECHUKU ADIMORA.
KWAKU DWIRA AGYEKUM.
GEORGE DERBYSHIRE.
*NWACHUKWU CHRISTOPHER ENWEZOR.

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

LL.B. Final Examination—*continued*

1961 JOHN DAVID HUW EVANS.
BOGHOS PARSEGH GULBENKIAN.
OSWALD GASKELL HARDING.
LOVEDAY AKUROSEOKIKA IYAGBA.
LEANG HUAT KHOO.
DAVID ALFRED LAMBDEN.
SAMUEL GBADEBO 'LAOYE.
NOSIRU AKANDE LAWAL.
GEORGE HUW LEWIS.
NATHANIEL EMERSON MARSH.
NATHANIEL MASHILO MASEMOLA.
WILLIAM ARTHUR MERRICK.
ANTHONY OKOYE MOGBOH.
NANDHAGOPAUL NAIDOO.
MICHAEL LEYLAND NASH.
DAVID PETER PITCHER.
AGNES FANNI SCHWARZSCHILD.
DAVID WILLIAM SEDDON.
WILLIAM JAMES SKEOCH TORRENS-BURTON.

Higher Degrees

M.Sc.(Econ.)

1960-61 YESHWANTH YELLAPPA AJILA.
GALAL EL-DIN AMIN.
ISAAC ASCHER.
DONALD RAYMOND BELL.
ROBERT BERTRAND.
EDWINA MARIE CLARKE.
ARTHUR DARK.
ABHIJIT DATTA.
DEMETRE NESTOR DEMETRAKOS.
BRIJANDER NATH DHAR.
MOHAMED HAMED IBRAHIM DOWIDAR.
MARTIN LEON GERSON.
KRISTINN VIGNIR HALLGRIMSSON.
CONSTANTINE KALYVIANAKIS.
PETER CLIFFORD KENT.
RAFIUDDIN AHMED KHAN.
ANDREW DAVID KOPKIND.
RICHARD COOPER LINDOP.
CLIFFORD JOHN LINES.
MARTIN LOWENKOPF.
ALLAN MCCALLUM.
NALLAPAREDDY MADANAMOHANREDDY.
DUBRAVKO MATKO.
PETER LOMER MILES.
ANN MARIAN OPPENHEIMER.
ROBERT MARDEN PIKE.
JOHN PIPEROGLOU.
ABDUR RAHMAN
SELVARATNAM RAJARATNAM.
ROBERT COPELAND REPETTO.
RICHARD BURT RILEY.
VELUPPILAI SANTHIRASAGARAM.

Higher Degrees—*continued*

M.Sc.(Econ.)—*continued*

1960-61

Susan Louise Schwartz.
Robert Alan Shea.
Santosh Sirpaul.
Frederick Norman Gwyn Thomas.
Alexander Thronos.
Roland Edward Williams.

M.Sc.

1960-61

Simon Ricardo Benedictus.

M.A.

1960-61

James William Anderson.
Anthony Giddens.
Brian Crawford Godwin Nokes.
Evelyn Rachel Yeld.

LL.M.

1960-61

Edward Kingsley Akyea-Djamson.
David Heywood Anderson.
Joseph William Denning.
Ronald Lawrence Dzierbicki.
Kenneth Henry Heppel.
Daniel Michael Hurley.
Sydney Judaken.
Mohamed Ibrahim Khalil.
Adam Jan Lomnicki.
Harry Charles Taylor.
Robert Aird Webster.
Peter Geoffrey Willoughby.

Ph.D.

1960-61

Judith Buber Agassi.
Mary Newcomb Allen.
Rade Sham Arora.
Roy John Battersby.
Keith Bell.
Earl Hugh Berger.
Elsworth Donald Briggs.
Dusan Brkic.
Isidor Cyril Cannon.
Amiyabhushan Chattopadhyay.
David Cohen.
Ronald John Davies.
Donald Freemont Dixon.
Yehuda Don.
Ivan Elce.
Rossetos Fakiolas.
Harold Edward Stephen Fisher.
Amnon Goldenberg.
John Gilbert Hartley.

Higher Degrees—*continued*

Ph.D.—*continued*

1960-61

Vincent Hodgson.
Anand Swarup Jauhari.
Alan Neville Little.
Bruce Arnold McFarlane.
Talaat Adib Abdel Malek.
John Edward Martin.
Joshua Obasanmi Wilson Olakanpo.
Roy Alfred Parker.
Mariampillai James Lionel Rajanayagam.
Pyaralli Mohamedally Rattansi.
Saraswathi Rau.
William Rodney.
Amnon Rubinstein.
William Alfred Shack.
Pershadi Lal Shriwastava.
Michael Godfrey Swift.
Robert Wendell Thompson.
Charles Frederick John Whebell.

DIPLOMAS

(Awarded by the University of London)

Academic Postgraduate Diploma in Law

1960

Abdul Ghaffour Moossa Al Jawad.
Peter Nicolaos Cambanis.
Nicolaos Paravantis.

DIPLOMAS

(Awarded by the School)

Diploma in Economic and Social Administration

Distinction

1961

Kuldip M. Mirani.

Pass

Usha Banerjee.
Joseph Fitzsimon Belle.
Dothney Icynth Chambers.
Ramon M. Garcia.
Krishan Kumar Gulati.
Idrisu Koko Idrisu.
Jagdish Jah.
Iserdeo Jainarain.
Salma Kishnar Jan.
Vaitilingam Kanesalingam.
Edmund Ago Odoi.
Denpong Pollakorn.
Juan Quintos.
Nik Badli Shah.
Mohammed Hossain Tamaddon.
Nasir Bin Yusoff.

Diploma in Social Administration

Distinction

1961

Barbara Evelyn Bottomley (Overseas Option).
Diana Elizabeth Hamilton Russell (Overseas Option).

Pass

Eunice Arinola Abiola (Overseas Option).
Owen Fitzroy Batchelor (Overseas Option).
Rosemary Joan Baxter.
Mrinalini Bhatwadekar (Overseas Option).
Sheila Mary Botwright.
Michael Harvey Bracken.
Patricia Ann Brierley.
Allan Grover Brown.
Muriel Brown.
Eunice Butler.
Basil Gerard Byrne.
Sheila Camp.
Sally Ann Campbell.
Ann Patricia Caro.
Ronald Chandran-Dudley (Overseas Option).
Ann Louise Cohen.
Sheila Phyllis Cohen.
Stephen David Collins.
Lilian Janet Frances Coney.
Carole Irene Cowl.
Margaret Lorraine Croucher.
Elizabeth Ann Crowther.
Martin David.
June Anne Davies.
Sarah Elizabeth Dockar-Drysdale.
Jean Mary Dohoo.
Gillian Mary Everall.
Ray Thomas Ferris.
Colin Fishwick.
*Margaret Fisk.
Edna Claire Francis (Overseas Option).
Eileen Constance Gabbitas.
Marjorie Gleeson.
Carole Marina Linton Goldson (Overseas Option).
Zerin Hassam Gomperts.
Jennifer Anne Greaves.
Barbara Green.
Tessa Mary Harper.
Penelope Jane Harwood.
Gillian Lois Hirsh.
Robert Holman.
Angela Elizabeth Kathleen Ingle.
Suzanne Elizabeth Jeatt.
Rosemary Phyllis Jeffs.
*Katherine Virginia Kent.
Eileen Joan Kielty.
Tove Kirsten Kuppusamy (Overseas Option).
Celia Lee.

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

Diploma in Social Administration—*continued*

1961

Rose Yik-oi Lee (Overseas Option).
Neil Harry Leighton.
Susan Carol Lomax.
Heather Frances Loyd.
Betty Aileen Luckham (Overseas Option).
Michael Bower Manser.
Michael Karl Maugham.
Maryrose Wingate Miller.
Annette Mogwanja (Overseas Option).
Brian Richard Munday.
Jennifer Anne Newall.
Adolphus Enyinda Nwosu (Overseas Option).
Joseph Olawole Olushoga (Overseas Option).
Helen Lyndsay Orr.
Dorothy Mary Overin.
Evelyn Isobel Page.
Norma Christine Pencavel.
David Arthur Pennock.
Diana Pettavel.
*Harold Dudley Plunkett.
Barbara Ruth Powell.
Iswurdut Purang (Overseas Option).
Joseph Ramcharran (Overseas Option).
Jennifer Ann Rashbrook.
Gordon Anthony Read.
William John Rea Price.
Shirley Clifton Regnart.
Juliet Margaret Roger.
Iorwerth Rogers.
Mohamed Lamin Sesay (Overseas Option).
Peter Silcox.
Barry Smith.
Bryan William Steward.
Audrey Still.
Margaret Rose Taylor.
Carol Rebecca Turner.
Renee Marcelle Walinets.
Jean-Marie Wallerstein.
Imogen Mary Walter.
Mark Wheeler.
Enid White.
Margaret Elizabeth Wilson.

CERTIFICATES

Certificate in Mental Health

Pass

1961

George Wright Adams.
David James Anderson.
Ola Bardram.
Ann Berley Bookham.
Elizabeth Frances Carter.
Elizabeth Shuldham Doherty.

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

Certificate in Mental Health—*continued*

1961

Jill Dorothy Ford.
Joan Hall.
Monika Ruth Heller.
Marjorie Stephanie Irwin.
Keith Edward Jones.
Mary Grace Joynson.
Shirley June Malin.
Edwin Norman Trevor Marshall.
Constance Ethel Meadows.
Josephine Helliesen Mordal.
Brenda Olive Mullinger.
Sheelagh Teresa O'Kelly.
Averil Margaret Peacock.
Shelagh Mildred Peters.
Maria Margaretha Lilian Pimm.
Rosemary Elizabeth Reynolds.
Madhuri Santanam.
Dennis George Sellwood.
Sheila Marjorie Sparks.
Mary Caroline Staton.
Birgitta Helena Tudeer.
Anne Vickery.
Hilda Mary Watson.

Certificate in Personnel Administration

Distinction

1961

Elizabeth Loveday Wincott.

Pass

John Anthony Adams.
Peter Leonard Beerstecher.
Judith Anne Bennett.
Elizabeth Halsey Darvell.
Jill Irene Day.
Saad Elgamal.
John Michael Goss.
Robert Anthony Haughton.
Penelope Smurthwaites John.
Edward Stephen Mallett.
Maganbhai Shamaldas Patel.
Bryan Michael Platt.
Peter Huddy Browne Prew.
Michael Robin Seal.
Raghu Bans Singh.
Laurence Skillman.
Geoffrey Nelson Stanton.
Annabel Claire Stewart.
Brian Malcolm Stewart.
Umosh Tewari.
Roger Willis Thompson.
Paul Kofi Twimasi.
Terence George Whittingham.
Ann McGregor Wilson.
Colin Graham Winchester.

Certificate in Applied Social Studies

Distinction

1961

Iris Gwendoline Palk.

Pass

Maureen Victoria Bishop.
Wilfred James Booth.
Nancy Bridgford.
Catherine Cashman.
Rosemary Joy Churchill.
Winifred Olive Myra Copleston.
Olive Cotterill.
Renate Marianne Czaczinsky.
Patricia Ann Dufton.
Lucy Margaret Goldsmith.
Jane Beryl Graves.
Dorothy Charlton Grieves.
Ruth Mary Herbert.
Elizabeth Claire Hurren.
David Geoffrey Huxtable.
Ruth Hilary Jones.
Jennifer Anne Judd.
Judith Adrienne King.
Douglas Stuart Palmer.
Mary Cecile Pearson.
Maire Margaret Quirke.
Caroline Mary Russell.
Charlotte Anne Salvesen.
Ann Mary Sheard.
Marion Winifred Smith.
Margaret Ruth Steele.
Margaret Eileen Suckling.
Elizabeth Priscilla Tate.
Marigold Trendell.
Marianne Joan Wade.
Stanley Walinets.
Susan Mary Wates.
Peter Joseph Wedge.

Certificate in International Studies

1961

Hassan Mango.

Publications

BY MEMBERS OF THE STAFF FROM 1 OCTOBER 1960 TO 30 SEPTEMBER 1961

(This list includes a certain number of publications which appeared too late in 1959-60 to be included in the report for that year.)

Anthropology

PROFESSOR R. W. FIRTH:

History and Traditions of Tikopia (The Polynesian Society (Incorporated) Wellington, New Zealand, 1961).

" Suicide and Risk-Taking in Tikopia Society " (*Psychiatry: Journal for the Study of Interpersonal Processes*, February 1961).

DR. M. FREEDMAN:

" Immigrants and Associations: Chinese in Nineteenth Century Singapore " (*Comparative Studies in Society and History*, Vol. III, No. 1, October 1960).

(With I. Schapera) " Anthropology " in W. E. Williams (Ed.), *The Reader's Guide* (Penguin Books, 1960).

(With W. E. Willmott) " Recent Research on Racial Relations: South-East Asia, with Special Reference to the Chinese " (*UNESCO International Social Science Journal*, Vol. XIII, No. 2, 1961).

" Problems in the Analysis of the Chinese Family " (*Bulletin of the Philadelphia Anthropological Society*, Spring 1961).

" Overseas Chinese Associations: A Comment " (*Comparative Studies in Society and History*, Vol. III, No. 4, July 1961).

MRS. L. F. LANCASTER:

" Economics and Anthropology (Capital, Saving and Credit in Peasant Societies) " (Report on Conference, *Current Anthropology*, April 1961).

DR. L. P. MAIR:

" Race, Tribalism and Nationalism in Africa " in P. Mason (Ed.), *Man, Race and Darwin* (Oxford University Press for Royal Anthropological Institute and Institute of Race Relations, 1960).

" Social Change in Africa " (*International Affairs*, October 1960).

" The Social Sciences in Africa South of the Sahara: The British Contribution " (*Human Organisation*, Fall 1960).

PROFESSOR I. SCHAPERA:

(With M. Freedman) " Anthropology " in W. E. Williams (Ed.), *The Reader's Guide* (Penguin Books, 1960).

Criminology

DR. A. N. LITTLE:

" Crime, Prison & After, 1959 " (*British Journal of Criminology*, January 1961).

" The Prison as a Social System " (*British Journal of Criminology*, April 1961).

DR. H. MANNHEIM:

" The Criminal Law and Mentally Abnormal Offenders " (A lecture delivered on 6 September 1960 at a Plenary Session of the Fourth International Congress of Criminology at the Hague). (*The British Journal of Criminology*, Vol. I, No. 3, January 1961).

Critical Notice of " Les Délinquents anormaux mentaux ", Paris, Éditions Cujas, 1959 (*The British Journal of Criminology*, Vol. 1, No. 2, October 1960).

Critical Notice of " Une nouvelle École de Science criminelle—l'École d'Utrecht ", Paris, Éditions Cujas, 1959 (*The British Journal of Criminology*, Vol. 1, No. 3, January 1961).

" Developments in Criminal Law and Criminology in Post-War Britain " (*The Journal of Criminal Law, Criminology and Police Science*, Vol. 51, No. 6, March-April 1961).

MRS. P. J. MORRIS:

" Friend, Counsellor or Therapist " (*N.A.P.V. Newsletter*, Summer 1960).

Prison After-Care: Charity or Public Responsibility (Fabian Society Pamphlet, November 1960).

(With T. P. Morris and Barbara Biely) " The Inmate Leader " (*Prison Service Journal*, Vol. 1, No. 2, January 1961).

DR. T P. MORRIS:

(With Pauline J. Morris and Barbara Biely) " The Inmate Leader " (*Prison Service Journal*, Vol. I, No. 2, 1961).

(With Louis Blom-Cooper) " Patterns of Murder " (*The Observer*, 20 March 1961).

(With Louis Blom-Cooper) *Murder in Microcosm* (Observer Pamphlet, March 1961).

" The Suggestible Offender " (Times Literary Supplement, 23 June 1961).

MR. J. E. HALL WILLIAMS:

" Two International Congresses " (Current Survey, *The British Journal of Criminology*, Vol. I, No. 3, January 1961).

" Developments Since the Homicide Act, 1957 " Appendix to Elizabeth O. Tuttle, *The Crusade against Capital Punishment in Great Britain* (Stevens & Sons, 1961).

" Report of the Interdepartmental Committee on the Business of the Criminal Courts (The Streatfeild Committee) " (Current Survey, *The British Journal of Criminology*, Vol. 2, No. 1, July 1961).

" The Hide of the Thug " (Current Survey, *The British Journal of Criminology*, Vol. 2, No. 1, July 1961).

" Penalties for Crime " (*The Oxford Lawyer*, Hilary 1961).

Demography

W. LUTZ:

(With H. Flegg) " Report on an African Demographic Survey " (*South African Journal for Social Research*).

Economics

DR. V. ANSTEY:

" India's Take-Off Problem " (Leading article in the Annual Supplement to *Capital*, Calcutta, 22 December 1960).

MR. G. C. ARCHIBALD:

(With R. G. Lipsey) " Monetary & Value Theory: Further Comment " (*The Review of Economic Studies*, October 1960).

PROFESSOR P. T. BAUER:

"Entwicklungsländer" (*Handwörterbuch der Sozialwissenschaften* (*Encyclopaedia of the Social Sciences*), Göttingen, 1960).
"The Meaning of Economic Independence" (*Commerce* (Golden Jubilee Number), Bombay, 1960).
"Economic Development of Underdeveloped Countries" (*Bulletin of the Atomic Scientists*, October 1960).
(With B. S. Yamey) "Response to Price in an Underdeveloped Economy: A Rejoinder" (*Economic Journal*, December 1960).
Indian Economic Development and Policy (George Allen and Unwin, 1961).
"Life Expectation, Standards of Living and Food Production" (*Humanity and Subsistence*, Annales Nestle, Vevey, 1961).
"The Capacity to Import and Economic Development" (*Economic Journal*, June 1961).

DR. M. E. BEESLEY:

"Postgraduate Education for Business" (*Occasional Paper No. I, Faculty of Commerce and Social Science*, University of Birmingham, January 1961).
"Mr. Glassborow on Investment Criteria" (*Bulletin of the Oxford University Institute of Statistics*, Vol. 23, No. 2, May 1961).
"Business Studies" (*Birmingham and West Midlands Chambers of Commerce Journal*, July 1961).

PROFESSOR E. H. PHELPS BROWN:

"Le paghe delle maestranze attraverso i secoli" (*Mercurio*, Rome III, 10, October 1960).
(With Margaret Meyrick Browne) "Distribution and Productivity under Inflation, 1947–57" (*Economic Journal*, LXX, December 1960).
(With Sheila V. Hopkins) "Seven Centuries of Wages and Prices: some Earlier Estimates" (*Economica*, February 1961).

MRS. M. H. BROWNE:

(With E. H. Phelps Brown)
"Distribution and Productivity under Inflation, 1947–57" (*Economic Journal*, Vol. LXX, December 1960).

SIR SYDNEY CAINE:

"Informing the 'Affluent Society'" (*An Advertising Appraisal* from *The Times Review of Industry*, 1960).

DR. B. A. CORRY:

"How Does Monetary Policy Work?" (*The Bankers' Magazine*, January 1961).
"Progress and Profits" (*Economica*, May 1961).

MR. A. C. L. DAY:

"The World's Payments System" (*Hearings before the Subcommittee on International Exchange and Payments of the Joint Economic Committee Congress of the United States*, U.S. Government Printing Office, Washington 1961).
"The Bank of England in the Modern State" (*Public Administration*, Spring 1961).
"New Money for Old" (*The Listener*, 27 July 1961).

PROFESSOR E. DEVONS:

"Towards the Theory of Conspicuous Production" (*Soviet Survey*, No. 34, December 1960).
"Applied Economics—the Application of What?" (Chap. 14 of *The Logic of Personal Knowledge—Essays presented to Michael Polanyi on his 75th Birthday*, Routledge & Kegan Paul, 1961).
"World Trade in Invisibles" (*Lloyds Bank Review*, April 1961).

PROFESSOR R. S. EDWARDS:

"The Finance of Electricity Supply" (*Lloyds Bank Review*, October 1960).
(With H. Townsend) *Studies in Business Organisation* (Macmillan & Co., February 1961).
(With F. H. S. Brown) "The Replacement of Obsolescent Plant" (*Economica*, August 1961).

MR. H. C. EDEY:

"The Radcliffe Report and the Quantity of Money" (*The Bankers' Magazine*, December 1960).
"Fixed Assets: Changing Prices and Management Decisions" (*Accountancy*, March 1961).
(With L. C. B. Gower) Sections relating to Accounts and the Fourth Schedule of the Companies Code Bill, with comments thereon (*Final Report of the Commission of Enquiry into the Working and Administration of the Present Company Law of Ghana*, April 1961).
"Bankers' Evidence to the Company Law Committee" (*The Bankers' Magazine*, August 1961).
"Memorandum to the Company Law Committee" (*Minutes of Evidence taken before the Company Law Committee, Third Day*, H.M. Stationery Office, 1961).

MR. L. P. FOLDES:

(With S. S. Wilson) "55 Iron and Steel Companies, 1948–59" (*London and Cambridge Economic Service Bulletin*, March 1961).
"Domestic Air Transport Policy" Parts I and II (*Economica*, May and August 1961).
"Imperfect Capital Markets and the Theory of Investment" (*Review of Economic Studies*, June 1961).

MR. J. R. GOULD:

"The Cement Makers' Agreement: Risk and Prices" (*Modern Law Review*, September 1961).

MR. K. KLAPPHOLZ:

"Is the Government Spending Too Much? II. The Arguments Appraised" (*The Bankers' Magazine*, April 1961).
"Clark, Grimond and Growth—A Plea for Relevant Arguments" (*The Bankers' Magazine*, June 1961).

MR. A. D. KNOX:

"Economic aid to underdeveloped countries" (*The Annual Register of World Events 1960*, Longmans Green & Co., 1961).
"Problems of economic growth in the underdeveloped countries" (*The Bankers' Magazine*, January 1961).

PROFESSOR R. G. LIPSEY:

(With G. C. Archibald) "Monetary and Value Theory: Further Comment" (*The Review of Economic Studies*, October 1960).
"The Theory of Customs Unions: A General Survey" (*Economic Journal*, October 1960).
"Does Money Always Depreciate?" (*Lloyds Bank Review*, October 1960).
(With M. D. Steuer) "The Relation Between Profits and Wage Rates" (*Economica*, May 1961).

MISS A. MARTIN:

"Agriculture" Chap. in B. Thomas (Ed.), *The Welsh Economy* (Oxford University Press, 1961).
"Epistemology as Liberal Polemic" (*British Journal for the Philosophy of Science*, September 1961).

DR. E. J. MISHAN:

" Economics " (*Britannica Yearbook*, 1961).
" Theories of Consumers' Behaviour: A Cynical View " (*Economica*, February 1961).
(With R. Opie) " Taxes and Price Stability " (*Bankers' Magazine*, March 1961).
" The Emperor's New Clothes—The Payroll Tax Stripped Bare " (*Bankers' Magazine*, July 1961).
" La ' Felicità ' del Progreso Economico " (*Mercurio*, July 1961).
" Welfare Criteria for External Effects " (*American Economic Review*, September 1961).

MR. A. NOVE:

" La politique agricole soviétique " (*Cahiers du monde russe et soviétique*, Paris, Vols. 1–4, July–December 1960).
" Jasny's agriculture revisited " (*Soviet Studies*, October 1960).
" Towards a theory of conspicuous production ": a comment on Professor Polanyi's thesis, *Soviet Survey*, October–December 1960).
" Banking in the Soviet economy " (*The Banker*, November 1960).
" The Soviet model and underdeveloped countries " (*International Affairs*, January 1961).
" Crisis in Soviet agriculture " (*New Leader*, New York, 20 February 1961).
" Anglo-Soviet Trade " (*The Listener*, 21 June 1961).
(With A. Zauberman) " A Resurrected Russian Economist of 1900 " (*Soviet Studies*, July 1961).

MR. R. G. OPIE:

(With E. J. Mishan) " Taxes and Price Stability " (*Bankers' Magazine*, March 1961).

PROFESSOR F. W. PAISH:

" The Growth of the British Economy " (*Financial Times*, 14 September 1960).
" The Budget I should like to see " (*Financial Times*, 13 April 1961).
" Growth and Inflation" (*Financial Times*, 5 July 1961).

MR. M. H. PESTON:

" Returns to Scale " (*Oxford Economic Papers*, June 1960).
" Consumer in Control? " (*Investors Chronicle*, August 1960).
(With B. S. Yamey) " Inter-Temporal Price Relationships with Forward Markets; a Method of Analysis " (*Economica*, November 1960).
" Report on World Affairs—Economic Aspects " (*The Yearbook of World Affairs*, Stevens & Sons, 1961).

MR. G. J. PONSONBY:

" The Structure and Organisation of the Transport System " (*The Journal of the Royal Society of Arts*, October 1960).
" Earnings on Railway Capital " (*The Economic Journal*, December 1960).

DR. L. S. PRESSNELL:

" Should the Government help War Loan holders? " (*The Times*, 13 and 14 July 1961).
" Prospects for British Banking " (*The Times Review of Industry*, August 1961).
" A Glimpse of Banking in Hong Kong " (*The Three Banks Review*, September 1961).

LORD ROBBINS:

" Hayek on Liberty " (*Economica*, February 1961).

MR. H. B. ROSE:

" Home Finance " (*London and Cambridge Economic Service Bulletin*, December 1960, March 1961, June 1961).
" Money Still Under Review " (*The Banker*, February 1961).

PROFESSOR R. S. SAYERS:

" Monetary Thought and Monetary Policy in England " (*Economic Journal*, December 1960).
" Alternative Views of Central Banking " (*Economica*, May 1961).
" La Función del Banco central en los paises en vias de Desarrollo Económico " (Chap. III, *Problemas actuales de desarrollo economico*, Organisation for European Economic Co-operation, Madrid, 1961).

MR. M. D. STEUER:

" The Balance of Payments " (*Bankers' Magazine*, November 1960).
" The External Position " (*Bankers' Magazine*, May 1961).
(With R. G. Lipsey) " The Relation between Profit and Wage Rates " (*Economica*, May 1961).
" A Note on Kleiman on Comparative Advantage " (*Economica*, August 1961).

MR. H. TOWNSEND:

(With R. S. Edwards) *Studies in Business Organisation* (Macmillan & Co., February 1961).

MR. R. TURVEY:

Interest Rates and Asset Prices (George Allen & Unwin, 1960).
" Inflation as a Tax in World War II " (*Journal of Political Economy*, February 1961).
" Some Economic Features of the London Cab Trade " (*Economic Journal*, March 1961).

DR. M. J. WALLES:

" Advertising & Distribution " (*Cartel*, January 1961).
" The Control of Outdoor Advertising, I " (*Journal of the Advertising Association*, Spring 1961).
" The Control of Outdoor Advertising, II " (*Journal of the Advertising Association*, Summer 1961).

MR. W. A. WARMINGTON:

(With E. Ardener and Shirley Ardener) *Plantation and Village in the Cameroons* (Oxford University Press, 1960).

MR. G. PRYS WILLIAMS:

" British Shipping " (*Encyclopaedia Americana*, 1961).

MR. J. WISEMAN:

(With A. T. Peacock) *The Growth of Government Expenditures in the United Kingdom, 1890–1955* (National Bureau of Economic Research, Princeton University Press and Oxford University Press).
" The Logic of Debt Policy " (*Westminster Bank Review*, August 1961).
" Teoria economica e decisione politiche " (*Mercurio*, August 1961).

MR. J. H. WOODS:

" Abdicate or Reform " (*Local Government Finance*—Review of Report of Royal Commission on Greater London, December 1960).
" Income Tax, Sur Tax and Profits Tax by R. Glynne Williams " (*Accountancy*, June 1961).

PROFESSOR B. S. YAMEY:

" The Development of Company Accounting Conventions " (*The Three Banks Review* September 1960).
(With M. H. Peston) " Inter-Temporal Price Relationships with Forward Markets: A Method of Analysis " (*Economica*, November 1960).
" A Seventeenth Century Double-Entry Journal " (*Accountancy*, November 1960).
" Resale Price Maintenance: Issues and Policies " (*The Three Banks Review*, December 1960).
(With P. T. Bauer) " Response to Price in an Underdeveloped Economy: A Rejoinder " (*Economic Journal*, December 1960).

DR. A. ZAUBERMAN:

" Russia's Growing Economic Power " (*The Listener*, 24 November 1960).
" The Polish Economy—Policies and Prospects " (*Soviet Survey*, January–March 1961).
" The Soviet Debate on the Law of Value and Price Formation " in Gregory Grossman (Ed.), *Value and Plan* (University of California Press—Cambridge University Press, 1961).
(With A. Nove) " A Resurrected Russian Economist of 1900 " (*Soviet Studies*, July 1961).
" Industry " and " Statistics " in Michael T. Florinsky (Ed.), *Encyclopedia on Russia and the Soviet Union*, Donat Publishing Corporation, New York, Summer 1961).
" Revisionism in Soviet Economics " in L. Labedz (Ed.), *Revisionism* (George Allen & Unwin, September 1961).

Geography

PROFESSOR R. O. BUCHANAN:

(With R. C. Estall) *Industrial Activity and Economic Geography* (Hutchinson & Co., May 1961).

DR. K. M. CLAYTON:

" The Landforms of Parts of Southern Essex" (*Transactions and Papers* 1960, The Institute of British Geographers, No. 28, 1960).

MR. R. C. ESTALL:

" Industrial Change in Lancashire and Merseyside " (*Geography*, January 1961).
" Changing Industrial Patterns of New England " (*Geography*, April 1961).
(With R. O. Buchanan) *Industrial Activity and Economic Geography* (Hutchinson & Co., May 1961).

DR. R. J. HARRISON-CHURCH:

" Mauritania before Miferma "; " The Miferma Project " and " Mauritania and her neighbours " (*West Africa*, 29 October, 5 and 12 November 1960).
Working paper on " Industrialisation in Tropical Africa " (for G. H. T. Kimble, *Survey of Tropical Africa*, 2 Vols., Twentieth Century Fund of New York, 1960).
" Problems and Development of the Dry Zone of West Africa " (*The Geographical Journal*, June 1961).

PROFESSOR E. JONES:

A Social Geography of Belfast (Oxford University Press, 1960).
" Sociological Aspects of Population Mapping in Urban Areas " (*Geography*, Vol. 46, January 1961).

DR. A. M. LAMBERT:

" Farm Consolidation and Improvement in the Netherlands: an example from the Land van Maas en Waal " (*Economic Geography*, April 1961).

DR. K. R. SEALY:

(With P. C. L. Herdson) " Air Freight and Anglo-European Trade " (*Aerospace and Technical Services*, September 1961).
Air Transport: An Enquiry into certain of its geographical aspects (Micro Methods Ltd., 1961).

PROFESSOR L. DUDLEY STAMP:

" World Food and Population " (*Nature*, pp. 9–11, 1 October 1960).
" How Much Land? " (*Housing Review*, November 1960).
Britain's Structure and Scenery (Collins Fontana Books, 1960).
(With S. C. Gilmour) *Chisholm's Handbook of Commercial Geography* (16th edn., Longmans, Green & Co., 1960).
" World Resources and Technology " (*Law and Contemporary Problems*, 25, No. 3, pp. 389–396, 1960).
(Editor) *A Glossary of Geographical Terms*, prepared by a Committee of the British Association (Longmans, Green & Co., London; Wiley, New York, 1961).
Applied Geography, Revised edn. (Penguin Books, 1961).
(General Editor) *A History of Land Use in Arid Lands* (Also French Edn.) (Paris: UNESCO, 1961).
(Editor) *Land Use and Population in Tobago* by D. L. Niddrie (*Geographical Publications*, 1961).
" Land, People and Reclamation " (*Span*, 4, No. 1, pp. 8–12, 1961).
Articles on Africa in *American People's Encyclopedia Yearbook*, 1961.
(Review article) " Man and his World: A Post-Wellsian Survey " (*New Scientist*, 27 April 1961).
(Review article) " The Engineer in Commonwealth Development " (*Nature*, 20 May 1961).
" The World's Mineral Resources " (*Steel Review*, Summer 1961).
The Americas (Gujarati Edn.) (Longmans, Bombay).
(Advisory Editor) *Knowledge* (Purnell & Sons).
" Using the Land Wisely " (*Discovery*, Granada T.V.).
Foreword to *The Squeeze: Cities without Space* by Edward Higbee (Cassell & Co., 1961).
Foreword to *Land Utilization in Eastern Uttar Pradesh* by M. Shafi (Aligarh: Muslim University, 1961).

PROFESSOR M. J. WISE:

(Review article) " Land Use and the Cyprus Problem " (*Nature*, Vol. 187, No. 4783, August 1960).
" The Meeting of the British Association, 1960 " (*Geographical Journal*, Vol. CXXVI, December 1960).
" The crisis for British Planning " (*Town and Country Planning*, pp. 179–184, May 1961).
" Geography and Regional Planning in Great Britain " (*Problems of Applied Geography*, Polish Academy of Sciences, Institute of Geography, Geographical Studies No. 25, pp. 29–38, Warsaw 1961).

History

DR. M. S. ANDERSON:

" Some British Influences on Russian Intellectual Life and Society in the Eighteenth Century " (*Slavonic and East European Review*, Vol. XXXIX, pp. 148–163, 1960–61).

DR. T. C. BARKER:

(With S. A. Harris) " Henry Berry (1719–1812): An Inventory of his Professional Papers " (*Transactions of the Lancashire and Cheshire Historic Society*, Vol. 112, 1961).

PROFESSOR G. BARRACLOUGH:

" Hitler in Cinerama " (*The Nation*, October 1960).
" Europe and the Wider World in the 19th and 20th centuries " (Chap. in A. O. Sarkissian (Ed.), *Diplomatic History and Historiography in Honour of G. P. Gooch, C.H.*, 1961).
" Berlin: Background to Crisis " (*The Nation*, July 1961).

DR. K. BOURNE:

" The Clayton-Bulwer Treaty and the Decline of British Opposition to the Territorial Expansion of the United States, 1857–1860 " (*Journal of Modern History*, September 1961).

MRS. A. M. C. CARTER:

" The Ministry to the English Churches in the Netherlands in the Seventeenth Century " (*Bulletin of the Institute of Historical Research*, November 1960).

DR. D. C. COLEMAN:

The Domestic System in Industry (Historical Association, Aids for Teachers Series, No. 6, 1960).
(With S. Pollard and K. G. McDonnell) *A Survey of English Economic History* (M. W. Thomas (Ed.) 2nd edn., Blackie and Son, 1960).
" Economic Problems and Policies " (Chap. II of *The New Cambridge Modern History*, Vol. V: *The Ascendancy of France*, 1648–88, Cambridge University Press, 1961).
Introduction to and editing of: Kurt Samuelsson, *Religion and Economic Action* (translated from the Swedish by E. G. French, William Heinemann, 1961).
" Sir John Banks, Financier: an Essay in government borrowing under the Later Stuarts " in F. J. Fisher (Ed.), *Essays in the Economic and Social History of Tudor and Stuart England in honour of R. H. Tawney* (Cambridge University Press, 1961).

DR. B. R. CRICK:

(With Miriam Alman) *A Guide to Manuscripts Relating to America in Great Britain and Ireland* (Oxford University Press, for the British Association for American Studies, 1961).

MR. R. P. DORE:

" Agricultural Improvement in Japan: 1870–1900 " (*Economic Development and Cultural Change*, Vol. ix, No. 1, part 2, pp. 69–91, October 1960).
" Meijiki ni okeru Nihon no jinushi " (" Japanese landlords in the Meiji period ") (Shisō no Kagaku, No. 29, pp. 66–71, May 1961, No. 30, pp. 62–71, June 1961).

PROFESSOR F. J. FISHER:

" Tawney's Century " (*Essays in the Economic and Social History of Tudor and Stuart England in honour of R. H. Tawney* (Cambridge University Press, 1961).

DR. R. M. HATTON:

" Scandinavia and the Baltic " Translation and adaptation of chap. in *The New Cambridge Modern History*, Vol. V. *The Ascendancy of France:* 1648–88 (Cambridge University Press, 1961).

DR. H. HEARDER:

" La cattura del ' Cagliari ': una disputa tripartita fra Napoli, Piemonte e Inghilterra (1857–1858) " (*Rassegna Storica del Risorgimento*, April–June 1960).

DR. A. H. JOHN:

" Aspects of English Economic Growth in the first half of the Eighteenth Century " (*Economica*, May 1961).

MR. E. KEDOURIE:

" Sa'ad Zaghlul and the British " (*St. Antony's Papers*, No. XI, Chatto & Windus, 1961).

PROFESSOR W. N. MEDLICOTT:

Introduction to E. H. Dance and E. Bruley, *A History of Europe* (Sythoff, Leyden, 1960).
Modern European History 1789–1945: *A Select Bibliography* (*Helps for students of History*, No. 60, Historical Association, 1961).
" Bismarck and Beaconsfield " (*Studies in Diplomatic History and Historiography in Honour of G. P. Gooch*, Longmans, Green & Co., 1961).

DR. G. E. MINGAY:

" The Large Estate in Eighteenth-Century England " (*Papers of the First International Conference of Economic History*, Mouton, The Hague, 1960).
(With Joan Thirsk) " List of Publications on the Economic History of Great Britain and Ireland " (*Economic History Review*, 2nd Series, Vol. XIII, No. 3, 1961).

MR. W. PICKLES:

" Political Thought " Translation and adaptation of chap. by Professor Shalweit in *The New Cambridge Modern History*, Vol. V (*The Ascendancy of France:* 1648–88, Cambridge University Press, 1961).

MR. J. POTTER:

" William Cobbett in North America " (*Bulletin of the British Association for American Studies*, No. 2, New Series, 1961).

MR. W. M. STERN:

" Wehrwirtschaft: a German Contribution to Economics " (*Economic History Review* 2nd series, Vol. XIII, No. 2, December 1960).

DR. D. P. WALEY:

" Constitutions of the Cardinal-legate Peter Capocci, July 1249 " (*English Historical Review*, LXXV, October 1960).

MR. D. C. WATT:

" The Rome Berlin Axis, 1936–1940—Myth and Reality " (*Review of Politics*, Vol. 22, No. 4, October 1960).
" The Secret Laval-Mussolini Agreements of January 7, 1935 on Abyssinia " (*Middle Eastern Journal*, Vol. 15, No. 1, Winter 1961).

International Relations

MR. H. N. BULL:

The Control of the Arms Race (George Weidenfeld and Nicholson, London, 1961; Frederick A. Praeger, New York, 1961).
" The Many Sides of British Unilateralism " (*The Reporter*, 16 March 1961).
" Report on Strategic and Geographical Aspects " (*The Yearbook of World Affairs*, 1961).
" Arms Control and the Balance of Power " in Ernest W. Lefever (Ed.), *Arms and Arms Control* (Frederick A. Praeger, 1961).

MR. G. L. GOODWIN:

(Review Article) " Arms and the Men " (*Political Studies*, Vol. IX, No. 1, February 1961).
(Review Article) " Imperialism in Decline " (*Universities Quarterly*, Vol. 15, No. 2, March 1961).
" The Expanding United Nations: II. Diplomatic Pressures and Techniques " (*International Affairs*, Vol. 37, No. 2, April 1961).
" Challenge of Our Time—VII: The Future of World Institutions " (*The Listener*, 31 August 1961).

DR. R. J. HARRISON-CHURCH:

" Independence in French Africa " (*Current Affairs Bulletin*, University of Sydney, Vol. 26, No. 12, 17 October 1960).
" Commonwealth and British West Africa 1959–60 " (*Chambers's Encyclopaedia World Survey*, 1961).

MR. A. M. JAMES:

" The Soviet Troika Proposals " (*The World Today*, September 1961).
" Report on Institutional Aspects of World Affairs " (*The Year Book of World Affairs*, 1961).

MR. E. KEDOURIE:

" Foreign Policy: A Practical Pursuit " (*The Daily Princetonian*, 4 January 1961).

PROFESSOR C. A. W. MANNING:

" Union of South Africa " (*World Survey*, Vol. VIII, 1961).

DR. F. S. NORTHEDGE:

" Serving the state, preserving the world " (*Political Studies*, Vol. IX, No. 1, February 1961).
" The Clash between Moscow and Peking " (*The Listener*, 16 February 1961).

MR. J. E. SPENCE:

(With A. R. C. de Crespigny and L. Bloom) " An Interdisciplinary Study of Social, Moral and Political Attitudes of White and Non-White South African University Students " (*Journal of Social Psychology*, June 1961).

MR. D. C. WATT:

" New Threats to Britain's Strategic Position in West Asia, Aden and Somalia " (*International Relations*, Vol. II, No. 2, October 1960).
" The Arabian Peninsula in British Strategy " (*Military Review*, Vol. XLI, No. 2, February 1961).

Law

MRS. O. L. AIKIN:

" Payment of Wages Act, 1960 " (*Modern Law Review*, January 1961).

MR. R. P. BROOKER:

" The Accounts of Receivers under the Companies Act, 1948 (1) " (*The Solicitor*, September 1961).

LORD CHORLEY:

Law of Banking (4th edn., Sir Isaac Pitman & Sons, 1960).

DR. M. E. F. CLIFFORD-VAUGHAN:

(Critical Review) " The plunder of works of art. History of an international crime " (critical review of " Grabiez Dziel Sztuki " by S. Nahlik in *International Law Quarterly*, July 1961).
" L'enseignement du droit dans les universités britanniques (*Cahiers de l'Association Nationale des Docteurs en Droit* (Paris), Autumn 1961).

MR. A. L. DIAMOND:

Contract and Mercantile Law (Lecture, The Law Society, 1961).
" What is the Worth of a Guarantee? " (*The Times*, 21 February 1961).
" The Impatient Vendor " (*Modern Law Review*, March 1961).
" Guarantees " (*Which?*, August 1961).

MR. B. W. M. DOWNEY:

" Administration of Justice Act, 1960 " (*Modern Law Review*, March 1961).

MR. G. DWORKIN:

" Registered Land Reform " (*Modern Law Review*, January 1961).
" Privacy and the Press " (*Modern Law Review*, January 1961).

PROFESSOR L. C. B. GOWER:

" *Report of the Committee on Legal Education for Students from Africa* " (Cmnd. 1255, January 1961).
" *Final Report of the Commission of Enquiry into the Working and Administration of the Present Company Law of Ghana* " (April 1961).

MR. C. GRUNFELD:

" Reform in the Law of Contract " (*Modern Law Review*, January 1961).

PROFESSOR D. JOHNSON:

" Case concerning the Arbitral Award made by the King of Spain on December 23, 1906 (Honduras *v.* Nicaragua) " (*International and Comparative Law Quarterly*, Vol. 10, April 1961).
" Anglo-Scandinavian Agreements concerning the Territorial Sea and Fishing Limits " (*International and Comparative Law Quarterly*, Vol. 10, July 1961).
" The United Nations Conference on Diplomatic Intercourse and Immunities " (*International and Comparative Law Quarterly*, Vol. 10, July 1961).

PROFESSOR O. KAHN-FREUND:

" Labour Law and Social Security " Chap. VI in E. Stein and T. L. Nicholson (Eds.), *American Enterprise in the Common Market. A Legal Profile* (University of Michigan Law School, Ann Arbor, 1960).
" Alcuni Problemi relativi alla Compesizione delle Controversie di Lavoro, sotto il Profilo del Diritto Comparato " (*La Politica Sociale della Communità Economica Europea*, Dott. A. Giuffrè, Milan, 1960.)
" Trade Union Democracy and the Law " (*Ohio State Law Journal*, Vol. 22, p. 4, Winter 1961).

MR. P. B. KEENAN:

" Companies and Taxation in the Common Market " (*International and Comparative Law Quarterly*, July 1961).

DR. I. LAPENNA:

" International Law in the Soviet Union " (*The Solicitor*, Vol. 27, No. 12, December 1960).
" International Law viewed through Soviet Eyes " (*The Year Book of World Affairs*, Vol. 15, 1961).
" The New Russian Criminal Code and Code of Criminal Procedure " (*The International and Comparative Law Quarterly*, July 1961).
" La Advokato en Soveta Unio kaj Jugoslavio" (published in Esperanto in the collection *La Pozicio de Advokato tra la Mondo* edited by International Esperanto Association of Jurists, Copenhagen).

DR. M. MANN:

" The Caravan Sites and Control of Development Act, 1960 " (*Modern Law Review*, January 1961).
" Nullity and the Principle of Armitage v. Att.-Gen." (*International and Comparative Law Quarterly*, July 1961).

PROFESSOR S. A. DE SMITH:

" The Monckton Report " (*Public Law*, Winter 1960).
" The Common Law in India " (*All India Reporter*, January 1961).
" Fundamental Rights in the New Commonwealth " (*International and Comparative Law Quarterly*, January and April 1961).
" Watching the Guardians " (*The Listener*, 13 April 1961).
" Southern Rhodesia's Declaration of Rights " (*Rhodesia Herald*, 31 July and 1 August 1961).
" Federal and Supra-National Structures and Social Legislation " (*Rapport National*) in *Actes du Deuxième Congrès International de Droit Social* (Brussels, 1958).

MISS O. M. STONE:

" The Marriage (Enabling) Act, 1960 " (*Modern Law Review*, September 1960).
" The Matrimonial Proceedings (Magistrates' Courts) Act, 1960 " (*Modern Law Review*, January 1961).
" Knowing the Law " (*Modern Law Review*, July 1961).
" The Law Reform Committee (9th Report). Liability in Cost between husband and wife " (*Modern Law Review*, July 1961).
" Neuere Entwicklungen des Englischen Familienrechts " (*Archiv für Civilistische Praxis*, Frankfurt, September 1961).

DR. D. G. VALENTINE:

" The Jurisdiction of the Court of Justice of the European Communities to annul executive action " (*British Year Book for International Law*, 1960).

PROFESSOR G. S. A. WHEATCROFT:

" Combining a Purchased Annuity with a non-aggregable Life Policy " (*British Tax Review*, November–December 1960).
" The Education and Training of the Practising Lawyer in England " (*The Bar Examiner, U.S.A.*, Vol. 30, Nos. 1–2, 1961).
" Ethical Restraints on Tax Practice in Great Britain " (*The Journal of Accountancy, U.S.A.*, February 1961).
" The Tax Treatment of Corporations and Shareholders in the United States and Great Britain " (*British Tax Review*, January–February 1961).
" The Budget 1961 " (*British Tax Review*, March–April 1961).

MR. J. E. HALL WILLIAMS:

" Comparative Studies in Criminal Law and Procedure " (*King's Counsel*, No. 15, Lent 1961).
" Report of the Interdepartmental Committee on the Business of the Criminal Courts " (*The Modern Law Review*, May 1961).
" *Intent to Kill* " Paper given to Symposium held by the Haldane Society, 22 November 1960, on " The Doctrine of Intent in Criminal Law, with reference to Director of Public Prosecutions *v.* Smith ".

Modern Languages

MR. R. CHAPMAN:

The Ruined Tower (Geoffrey Bles, March 1961).
" Welshmen in Shakespeare's London " (*Anglo-Welsh Review*, Spring 1961).
" Made for Man " (*Prism*, May 1961).
" Language and Religious Experience " (*Church Quarterly Review*, July 1961).
" The Place of Pretence " (*Kingsway*, Summer 1961).

MR. F. M. GUERCIO:

(With P. Rebora) *Italian-English and English-Italian Dictionary* (2nd edn., Cassell & Co., October 1960).

MISS B. E. SCHATZKY:

" Annette von Droste-Hülshoff " *German Men of Letters* (Oswald Wolff, July 1961).

DR. F. L. SMIEJA:

Srebrón i ja (Polish translation of *Platero y yo* by Juan Ramón Jiménez, The Poets' and Painters' Press, 1961).
" Arabic-Andalusian Poems. Translations " (*Kontynenty*, March-April, May, June–July 1961).
" Translations of poems by nine contemporary Spanish poets " (*Wiez*, Warsaw, July–August 1961).
" Dos poemas desconocidos de Juan de Jáuregui " (*Archivo Hispalense*, núm. 103–104, Seville 1960).

Philosophy, Logic and Scientific Method

MR. W. W. BARTLEY:

The Search for Commitment (Alfred A. Knopf, New York, 1961).
" A Note on Barker's Discussion of Popper's Theory of Corroboration " (*Philosophical Studies*, January–February 1961).

MR. F. P. CHAMBERS:

Perception, Understanding and Society: A Philosophical Essay on the Arts and Sciences and on the Humane Studies (Sidgwick & Jackson, 1961).

PROFESSOR E. A. GELLNER:

(Review Article) " Introduction to the Philosophy of History " by Raymond Aron (*Time & Tide*, 3 February 1961).
" Parole e Cose " (Italian translation of " Words & Things ") (Il Saggiatore, Milan, June 1961).
" What Makes Plato Run?" (*The Humanist*, September 1961).

PROFESSOR K. R. POPPER:

" On the Sources of Knowledge and of Ignorance " (*Proceedings of the British Academy* and also Oxford University Press, 1961).
" Some Comments on Truth and the Growth of Knowledge " (*Proceedings of the 1960 International Congress for Logic, Methodology, and Philosophy of Science*, Stanford University Press, 1961).
The Poverty of Historicism (first and second Japanese editions, translated by Saburo Ichii, Chuokoron-Sha, Inc., Tokyo, 1961).
" The Moral Theory of Historicism " in F. Olafson (Ed.), *Society, Law and Morality* (Prentice-Hall Inc. (New York), 1961).

MR. J. W. N. WATKINS:

(Review Article) " E. Gellner: Words and Things " (*Ratio*, Vol. III, No. 1, 1960).
Chap. I in A. Seldon (Ed.), *Agenda for a Free Society* (A symposium on F. A. Hayek's *The Constitution of Liberty*, Hutchinson & Co., 1961).
" Professor Scheffler's Note " (*Philosophical Studies*, January–February 1961).

DR. J. O. WISDOM:

" Respect for Persons, the Pleasure-Principle, and Obligation " (*XII International Congress of Philosophy*, Vol. 7, Sansoni, Florence, 1961).

Political Science

PROFESSOR R. BASSETT:

" A Bankers' Ramp? " (*The Economist*, 17 June 1961).

MR. M. CRANSTON:

" Le concept de démocratie " (*Comprendre*, No. 21–22 Venise, 1960).
John Locke (Longmans, Green & Co., for the British Council, 1961).

DR. B. R. CRICK:

" The Character of American Political Thought " (*The Massachusetts Review*, Spring 1961).

MR. R. P. DORE:

" Surgōan no hanran suru kuni " (" A nation flooded with slogans ") (*Ghūō Kōron*, pp. 237–243, January 1961).
" Japanese Politics and the Approach of Prosperity " (*The World Today*, pp. 289–299, July 1961).

PROFESSOR H. R. G. GREAVES:

Grundlagen der Politischen Theorie (German translation of *Foundations of Political Theory*) (Hermann Luchterhand Verlag, Neuwied, Germany).
" Complacency or Challenge " (*Political Quarterly*, January–March 1961).

DR. R. MILIBAND:

" The Battle for the Labour Party " (*Monthly Review*, December 1960).
" *Théorie et Pratique du Travaillisme* " (*Res Publica. Revue de l'Institut Belge de Science Politique*, Vol. II, No. 3, 1960).
Parliamentary Socialism. A Study in the Politics of Labour (George Allen and Unwin, 1961).

MR. K. R. MINOGUE:

" A Fable of Time and Class " (*American Scholar*, Spring 1961).
" How to Make Trends and Influence People " (*American Scholar*, Summer 1961).

MR. R. T. MCKENZIE:

Los Partidos Politicos Britanicos (*Taurus Ediciones* (Madrid) 1960).
" The Political Activists and some Problems of Inner-Party Democracy in Britain " (*Papers of the International Political Science Association Congress*, Paris, September 1961).

MR. D. C. POTTER:

" Panchayat Samiti Staff: Trouble Ahead " (*The Indian Journal of Public Administration*, Vol. VII, No. 2, April–June 1961).

PROFESSOR B. C. ROBERTS:

" Employment ", " Strikes " and " Trade Unions " (*Encyclopaedia Britannica Book of the Year*, 1961).
" Current Industrial Relations Research in Great Britain " (*Industrial Relations Research Association*, Wisconsin, Spring 1961).

PROFESSOR W. A. ROBSON:

" India Revisited " (*The Political Quarterly*, October–December 1960).
(*Review Article*) " Beyond the Welfare State " by Gunnar Myrdal (*The Political Quarterly*, January–March 1961).
" The Reform of London Government " (*Public Administration*, Spring 1961).
" A New Deal for the Post Office " (*The Political Quarterly*, April–June 1961).

MR. L. B. SCHAPIRO:

" La réforme judiciaire en URSS " (*Le Contrat Social*, Vol. IV, No. 6, Paris, November 1960).
" The Pre-Revolutionary Intelligentsia and the Legal Order " Chap. in Richard Pipes (Ed.), *The Russian Intelligentsia* (Columbia University Press, 1961).
Introduction to G. Nollau, *International Communism and World Revolution* (Hollis & Carter, 1961).
" Two Pillars of Communism " (*The Round Table*, No. 202, March 1961).
(With S. V. Utechin) " Soviet Government Today " (*Political Quarterly*, Vol. 32, No. 2, April–June 1961).
" Plechanov als Politiker " (*Forschungen zur Osteuropäischer Geschichte*, Band 9, Berlin, 1961).
" The Future Trends of Party-State Relations " (*Soviet Survey*, August 1961).

MR. P. J. O. SELF:

(With H. Storing) " The Birch in the Cupboard " (*Public Law*, Winter 1960).
" London Government and Planning " (*Town and Country Planning*, January 1961).
Cities in Flood: The Problem of Urban Growth (with new prologue, Faber & Faber, July 1961).

MR. L. J. SHARPE:

" New Plan for London? " (*National Civic Review*, New York, November 1960).
" A Metro for London " (*Metropolitan Area Problems*, New York, November–December 1960).
" Good, But Not Good Enough " (*London Town*, December 1960).
" The Report of the Royal Commission on Local Government in Greater London " (*Public Administration*, Spring 1961).
" Information Methods of Research Workers in the Social Sciences—The Research Student " (Proceedings of a Conference of the Library Association—*Library Association*, 1961).

DR. S. V. UTECHIN:

Everyman's Concise Encyclopaedia of Russia (J. M. Dent & Sons, March 1961).
(With L. B. Schapiro) " Soviet Government Today " (*Political Quarterly*, Vol. 32, No. 2, April–June 1961).

MR. D. C. WATT:

" The Experience of Opposition Parties in Turkey " (*Quarterly Review*, January 1961).

Psychology

DR. H. HIMMELWEIT:

" The teaching of psychology to students of education and social work " (*The Sociological Review*, Monograph No. 3, 1961).
" The Home and Television " (*ICI Magazine*, August 1961).

MR. D. R. PRICE-WILLIAMS:

" Visual Perception among the Tiv " (*Proceedings of the XVIth International Conference of Psychology*, 1960).
" The Bonn Conference: Personality and Social Aspects " (*Bulletin of the British Psychological Society*, No. 42, 1960).

DR. J. O. WISDOM:

" The Concept of ' Constitutional ' " (*Advances in Psychosomatic Medicine*, Symposium of the Fourth European Conference on Psychosomatic Research, Brunner, New York, 1961).
" A Methodological Approach to the Problem of Hysteria " (*International Journal of Psycho-Analysis*, May–June 1961).
" The Child and his Symptoms: Theories of Psychosomatic Disorder " (*The Psychosomatic Aspects of Pediatrics*, Pergamon Press, 1961).

Sociology and Social Administration

DR. B. ABEL-SMITH:

(With T. A. Lynes and R. M. Titmuss) *Social Policies and Population Growth in Mauritius* (Methuen & Co., 1961).

MR. L. G. BANWELL:

" The Report of the Committee on Children and Young Persons (Cmnd. 1191) " (*Justice of the Peace and Local Government Review*, 3 & 24 December 1960, 7 & 21 January 1961).

DR. W. A. BELSON:

(With C. R. Bell) *Research Methods: A Bibliography of Research Papers relating to the Adequacy of Methods in Survey Research* (Market Research Society, 1960).
" The Effects of Television upon Family Life " (*Discovery*, Vol. XXI (10), 1960).
" Communication and Persuasion " (*Business Review*, Vol. 4, March 1961)
" Television and the Other Mass Media " (*Business Review*, Vol. 4, April 1961).
" The Techniques for Measuring the effects of Exposure to the Mass Media " (*Business Review*, Vol. 4, May 1961).
" Information Gathering for Social Research " (*Business Review*, Vol. 4, June 1961).
" The Methods of Research " (West Publishing Corporation Prop. Sydney, 1961).
" The Effects of Television on the Reading and Buying of Newspapers and Magazines " (*The Public Opinion Quarterly*, XV (2), Summer 1961).
" The Efficiency of Television in Communicating Information and Ideas " (*Journal of the National Association of Educational Broadcasters*, Vol. 20 (4), 1961).

MR. T. B. BOTTOMORE:

" American Heretics " (*European Journal of Sociology*, December 1960).
(With M. Rubel) *Karl Marx: Selected Writings in Sociology and Social Philosophy* (Second Impression, C. A. Watts, 1961).
Translation, with notes, of Karl Marx " Economic and Philosophical Manuscripts " in Erich Fromm, *Marx's Concept of Man* (Frederick Ungar, 1961).

DR. M. E. F. CLIFFORD-VAUGHAN:

" La concezione francese delle ' élites ' nella società " (*Stato Sociale*, No. 9, Rome, September 1960).
" Some French concepts of élites " (*British Journal of Sociology*, Vol. XI, No. 4, December 1960).
" Individualism in French culture " (*Revista Mexicana de Sociologia*, Mexico, June 1961).

MRS. C. COCKBURN:

(With D. V. Donnison and T. Corlett) " Housing since the Rent Act " (*Occasional Papers on Social Administration*, No. 3, Codicote Press, July 1961).
" The Social Services and the Health of the Community " Chap. 34 in W. Hobson (Ed.), *The Theory and Practice of Public Health* (Oxford University Press, 1961).
" Het Huurbeleid in Engeland " (BOUW, 16 September 1961).

PROFESSOR D. V. DONNISON:

" Four Years of Talk About Child Care " (*Time and Tide*, 5 November 1960).
" Can Administration be Taught? " (*Case Conference*, January 1961).
" Housing—a Symptom if not a Policy " (*Time and Tide*, 24 February 1961).
" The Movement of Households in England " (*Journal of the Royal Statistical Society*, Series A, March 1961).
" Housing Since the Rent Act " (*The Times*, 17 July 1961).
(With Christine Cockburn and T. Corlett) " Housing Since the Rent Act " (*Occasional Papers on Social Administration*, No. 3, Codicote Press, July 1961).
" The Price of Housing " (*Housing Review*, September–October 1961).
" The Teaching of Social Administration " (*British Journal of Sociology*, September 1961).

MR. R. A. D. FORDER:

" Welfare and Control " (*Social Work*, January 1961).

MISS D. E. M. GARDNER:

" Children in Play " (*The New Era*, Vol. 41, No. 10, December 1960).
Contributor to " *Margaret Macmillan: The Children's Champion* " by G. A. N. Lowndes (Museum Press, 1960).

PROFESSOR E. A. GELLNER:

" Allah and Caesar " (*The Hibbert Journal*, October 1960).
" Emergent Sociology " (*The Spectator*, 2 December 1960).
" The Struggle for Morocco's Past " (*The Middle East Journal*, Winter 1961).
" The Organisation Man " (Report of a conversation with W. H. Whyte, *The Listener*, 7 September 1961).

PROFESSOR M. GINSBERG:

" Essays in Sociology and Social Philosophy " (*Evolution and Progress*, Vol. III, William Heinemann, 1961).
Nationalism: A Reappraisal (University of Leeds, 1961).
" A Social Evolution " in M. Banton (Ed.), *Darwinism and Society* (Tavistock Publications, 1961).

" The Enforcement of Morals " (The British Journal of Sociology, March 1961).
" A Humanist View of Progress " in Sir Julian Huxley (Ed.), *The Humanist Frame* (George Allen & Unwin, 1961).

PROFESSOR D. V. GLASS:

" Population Growth, Fertility and Population Policy " (*Advancement of Science*, November 1960).
" Population Growth, Fertility and Population Policy " (*The Humanist*, April and May 1961).
" Population prospects and their implications " in Sir E. John Russell and N. C. Wright (Eds.), *Hunger: Can it be averted?* (British Association for the Advancement of Science, September 1961).

MR. S. J. GOULD:

" American Jewry: Some Social Trends " (*Jewish Journal of Sociology*, Vol. III, June 1961).

MR. A. J. GREVE:

" Our greatest social problem " (*Socialist Commentary*, February 1961).

MR. W. L. GUTTSMAN:

" Class and Vote " (*Socialist Commentary*, November 1960).
" Potere, stratificazione sociale ed *élites* politiche " (*Le élites politiche*, Laterza, Bari, 1961).
" Changes in British Labour Leadership " in Dwaine Marvick (Ed.), *Political Decision-makers* (The Free Press, 1961).

MR. P. HODGE:

" Social Work in the Political Kingdom " (*Case Conference*, Vol. 7, No. 4, September 1960).
" Self-help Suburbs " (*West African Review*, Vol. 32, No. 399, March 1961).
" New out of Africa " (*Case Conference*, Vol. 7, No. 9, March 1961; Vol. 8, No. 4, September 1961).

MR. N. E. HOLLY:

" Ideologi och samhälle " (*Statsvetenskaplig tidskrift*, Häfte 2–3, 1960).
" Legal and Legislative Cooperation in the Scandinavian States " (*American Bar Association Journal*, 1961).

MRS. H. O. JUDD:

" West African Women in the International Context " (*International Women's News*, Vol. 55, No. 91, November 1960).
" The African Woman Designs Her Future " (*African Women*, Vol. IV, No. 1, December 1960).

DR. V. KLEIN:

" Married Women in Employment " (*International Journal of Comparative Sociology*, Leiden, September 1960).
(With Alva Myrdal) *Die Doppelrolle der Frau in Familie und Beruf* (Kiepenheuer & Witsch, Cologne, November 1960).
(Book review) *The Psychology of Social Class* by Maurice Halbwachs (*Case Conference*, February 1961).
" When mum goes out to work " (*Family Doctor*, March 1961).

MR. T. A. LYNES:

(With R. M. Titmuss and B. Abel-Smith) *Social Policies and Population Growth in Mauritius* (Methuen & Co., 1961).

PROFESSOR D. G. MACRAE:

" Race and Sociology " in P. Mason (Ed.), *Man, Race and Darwin* (Oxford University Press, 1960).
" Advertising and Sociology " (*Third Congress of the Institute of Practitioners in Advertising*, I.P.A., 1960).
" Totalitarian Democracy " (*The Political Quarterly*, Vol. 31, October 1960).
" Information Methods of Research Workers: Sociology" (*Information Methods of Research Workers in the Social Sciences*, Library Association, 1961).
" The Appeal of Communist Ideology " in A. Inkeles and K. Geiger (Eds.), *Soviet Society* (Houghton Mifflin, Boston, 1961).
Ideology and Society (William Heinemann, 1961).
" Sociology, Psychology and Culture in Race Relations " (*The London Quarterly*, January 1961).
" What Sociology is Not " (*The Twentieth Century*, Vol. 170, July 1961).

MR. J. G. H. NEWFIELD:

" Council and their Tenants " (*Fabian News*, June and July 1961).

MR. A. NOVE:

" The Jews in the Soviet Union " (*Jewish Journal of Sociology*, July 1961).

DR. J. C. READ:

" Tension and Strain in Student Mental Life " (*Varsity*, Vol. 42, No. 5, 18 February 1961).
" Social Problems and student mental health " (Contribution to a Report of a Conference held at Campbell Hall, London, April 1961. World University Service).

MISS B. N. SEEAR:

(With A. P. Jephcott and J. H. Smith) *Woman, Wife and Worker* (Problems of Progress in Industry, No. 10, Department of Scientific and Industrial Research, 1960).

MR. J. H. SMITH:

(With A. P. Jephcott and B. Nancy Seear) *Woman, Wife and Worker* (Problems of Progress in Industry, No. 10, Department of Scientific and Industrial Research, 1960).
The University Teaching of the Social Sciences—Industrial Sociology (UNESCO, 1961).
" Managers and Married Women Workers " (*British Journal of Sociology*, March 1961).
" Industry and Industrial Sociology " (*The Advancement of Science*, May 1961).
" Management and the Universities " (*The Listener*, 20 July 1961).

DR. F. K. TAYLOR:

" The Analysis of Therapeutic Groups " (*Maudsley Monograph*, No. 8, Oxford University Press, 1961).

PROFESSOR R. M. TITMUSS:

" The Irresponsible Society " (*The Listener*, August 1960).
(With J. R. Williams and F. J. Fisher) *R. H. Tawney* (Shenval Press, November 1960).
(With B. Abel-Smith and T. A. Lynes) *Social Policies and Population Growth in Mauritius* (Methuen & Co. 1961).
" The Irresponsible Society " (Chap. in R. Theobald (Ed.), *Britain in the Sixties*, H. W. Wilson & Co., New York, 1961).
" Community Care—Fact or Fiction " (*The Spectator*, 17 March 1961 and *Hospital and Health Management*, April 1961).

MR. P. B. TOWNSEND:

The Development of Home and Welfare Services for Old People, 1946–1960 (Association of Directors of Welfare Services, July 1961).
(With Caroline Woodroffe) *Nursing Homes in England and Wales: A Study of Public Responsibility* (National Corporation for the Care of Old People, September 1961).
(With R. Pinker) " Residential Care of the Old and Handicapped " (*Municipal Journal*, 14 October 1960).
" Survey of Families Living High in New Blocks of Flats " (Interim Report in *Two to Five in High Flats: An Enquiry into Play Provision for Children aged two to five years Living in High Flats*, The Housing Centre, May 1961).
" Freedom and Equality " (*New Statesman*, 14 April 1961).

DR. A. TROPP:

(With J. A. Banks) *Sociology and Social Anthropology: A Guide for Intending Students* (British Sociological Association, 1960).
The Relevance of Sociology to the Training of Teachers and Social Workers: A Comment (The Sociological Review, Monograph No. 3, 1961).
(With G. Baron) " Teachers in England and the U.S.A.: A Comparative Analysis " in J. Floud, A. H. Halsey and C. A. Anderson (Eds.), *Education, Economy and Society* (Free Press, Glencoe, Illinois, 1961).

MR. J. H. WESTERGAARD:

" The application of sociological knowledge to regional and town planning: report on the discussion " (*Transactions of the Fourth World Congress of Sociology*, Vol. III, pp. 116–125, International Sociological Association, 1961).

DR. D. W. WINNICOTT:

" Primare Mütterlichkeit " (*Psyche*, 27 July 1960).
Translation of " Primary Maternal Preoccupation " (*Collected Papers: Through Paediatrics to Psycho-Analysis*, Tavistock Publications, 1958).
" The Theory of the Parent-Infant Relationship " (*International Journal of Psycho-Analysis*, Vol. XLI, Part VI, 1960).
Translated: " La Théorie de la relation parent-nourrisson " *Revue Francaise de Psychanalyse* (Tome XXV, No. 1, Année 61).
" The Effect of Psychotic Parents on the Emotional Development of the Child " (*The British Journal of Psychiatric Social Work*, Vol. VI, No. 1, 1961).
" Integrating and Disruptive Factors in Family Life " (*The Canadian Medical Association Journal*, 84, pp. 814–818, 15 April 1961).

Statistics, Mathematics, and Computational Methods

MR. C. G. ALLEN:

(With M. G. Kendall) " Studies in the History of Probability and Statistics XI. Daniel Bernoulli on Maximum Likelihood " (*Biometrika*, Vol. 48, 1961).

MR. J. R. CROSSLEY:

" Prices and Wages " (*London and Cambridge Economic Service Bulletin*, March & June 1961).
" Weekly and Hourly Wage Rates Since 1948 " (*London and Cambridge Economic Service Bulletin* September 1961).
(With E. Devons) " The Guardian Wage Index " (*The Guardian*, monthly since 21 May 1959).

PROFESSOR E. DEVONS:

(With J. R. Crossley) " The Guardian Wage Index " (*The Guardian*, monthly since 21 May 1959).

MISS A. G. DOIG:

(With M. G. Kendall) *A bibliography of statistics and probability* (Oliver and Boyd, Edinburgh).

PROFESSOR J. DURBIN:

" The fitting of time series models " (*Review of the International Statistical Institute*, Vol. 28, p. 233, 1960).
" Some methods of constructing exact tests " (*Biometrika*, Vol. 48, p. 41, 1961).

DR. F. G. FOSTER:

" Queues with Batch Arrivals I " (*Acta Mathematica Academiae Scientarum Hungaricae*, Vol. 12, 1961).

MR. J. HAJNAL:

" Sequential trails of analgesics in rheumatoid arthritis " in H. de Jonge (Ed.), *Quantitative Methods in Pharmacology* (North Holland Publishing Company, 1961).
" A two-sample sequential t-test " (*Biometrika*, June 1961).

PROFESSOR M. G. KENDALL:

(With A. Stuart) *The Advanced Theory of Statistics*, Vol. 2 (Charles Griffin & Company).
(With Alison G. Doig) *A Bibliography of Statistics and Probability*, Vol. I (Oliver and Boyd, Edinburgh).
(With W. R. Buckland) *A Dictionary of Statistical Terms, Second Edition* (Oliver and Boyd Limited, Edinburgh).
" Natural Law in the Social Sciences " (*Journal of the Royal Statistical Society* 121, A, Pt. I).
New Prospects in Economic Analysis (Stamp Memorial Lecture) (Athlone Press of the University of London).
" Studies in the History of Probability and Statistics "—
" X. Where shall the history of statistics begin? " (*Biometrika*, Vol. 47, p. 447).
(With C. G. Allen) " XI. Daniel Bernoulli on Maximum Likehood " (*Biometrika*, Vol. 48, p. 1).
" XII. The Book of Fate " (*Biometrika*, Vol. 48, p. 220).
" A theorem in trend analysis " (*Biometrika*, Vol. 48, p. 224).
Articles on Statistics and Probability in *International Dictionary of Applied Mathematics* (Van Nostrand Inc. New York).
Statistics Past, Present and Future (Address at the Statistical Day at Amsterdam).

MR. A. STUART:

A study of callbacks in television research (Associated Television Ltd., May 1961).
(With M. G. Kendall) *The Advanced Theory of Statistics*, Vol. 2, Charles Griffin & Company, July 1961).

MR. PRYS WILLIAMS:

(With H. S. Goodwin) *Road Risks of the Elderly* (Christian Economic and Social Research Foundation, 1961).

Other Subjects

MR. C. G. ALLEN:

" Manuscript Collections in the British Library of Political and Economic Science " (*Journal of the Society of Archivists*, Vol. 2, No. 2, October 1960).

MISS E. M. MYATT-PRICE:

" The Twelve at Tattershall " (*The Accounting Review*, Vol. XXXV, No. 4, October 1960).

OFFICIAL REPORTS SIGNED BY MEMBERS OF THE STAFF

PROFESSOR R. G. D. ALLEN:

1961 Interdepartmental Committee on Social & Economic Research, Guides to Official Sources, No. 5: Social Security Statistics, H.M.S.O.
Air Transport Licensing Board, Paper for period ending 31 March, 1961, H.M.S.O.

PROFESSOR E. H. PHELPS BROWN:

1961 Fourth Report of Council on Prices, Productivity and Incomes.

PROFESSOR R. S. EDWARDS:

September 1960 The Electricity Council Annual Report 1959/60.

PROFESSOR SIR ARNOLD PLANT:

December 1960 Annual Reports of the Colonial Social Science Research Council (Chairman): and of the Colonial Economic Research Committee (Chairman), presented to the Secretary of State for the Colonies, Cmnd. 1215.

July 1961 Twenty-third Report of the Cinematograph Films Council for year ended 31 March 1961, presented to the President of the Board of Trade, H.C. Cmnd. 268.

PROFESSOR L. DUDLEY STAMP:

1961 Basic Land Resources of Europe: Interim Report by Chairman of Working Party, FAO.

PROFESSOR R. M. TITMUSS:

1960 National Insurance (Non-Participation—Benefits and Schemes) Amendment Regulations.
National Insurance (Non-Participation—Assurance of Equivalent Pension Benefits) Regulations.
National Insurance (Graduated Contributions and Non-Participating Employments—Miscellaneous Provisions) Regulations.
Draft of the National Insurance (Married Women) Amendment Regulations.
National Insurance (Hospital In-Patients) Amendment Regulations.
National Insurance (Unemployment and Sickness Benefit) Amendment (No. 2) Regulations.
National Insurance (General Benefit) Amendment Regulations.
National Insurance (Contributions) Amendment (No. 2) Regulations.
Draft of the National Insurance (Mariners) Amendment Regulations.

1961 National Insurance (Non-Participation—Benefits and Schemes) Amendment Regulations.
National Insurance (Non-Participation—Continuity of Employment) Regulations.
National Insurance (Graduated Retirement Benefit and Consequential Provisions) Regulations.
National Insurance (Classification) Amendment Regulations.
National Insurance (Collection of Graduated Contributions) Amendment Regulations.
National Insurance (Contributions) Amendment Regulations.
Pension Increments for Wives and Widows.

Statistics of Students

Analysis of Regular, Intercollegiate and Occasional Students, 1957-62

	Session 1957–58	Session 1958–59	Session 1959–60	Session 1960–61	Session 1961–62
REGULAR STUDENTS—					
First Degree	1519	1506	1497	1466	1417
First Diploma	117	97	73	80	80
Higher Degree	522	567	593	633	718
Higher Diploma and Certificate	129	136	189	223	241
Research Fee	142	125	142	152	169
Other Regular	100	100	105	121	153
TOTAL OF REGULAR STUDENTS	**2529**	**2531**	**2599**	**2675**	**2778**
OCCASIONAL STUDENTS—	335	296	271	357	332
INTERCOLLEGIATE STUDENTS	1000	1078	1160	1076	751
GRAND TOTAL	**3864**	**3905**	**4030**	**4108**	**3861**

Analysis of Overseas Students, 1957-62

	Session 1957–58	Session 1958–59	Session 1959–60	Session 1960–61	Session 1961–62
REGULAR STUDENTS—					
First Degree					278
First Diploma					32
Higher Degree					423
Higher Diploma and Certificate					94
Research Fee					144
Other Regular					138
REGULAR	818	881	923	989	
OCCASIONAL	124	139	160	178	152
TOTAL	**942**	**1020**	**1083**	**1167**	**1261**

NOTE: For a definition of the terms 'Regular' and 'Occasional' Student see page 127.
An Intercollegiate Student is one who is registered at another School of the University but, by arrangement, pursues some part of his course at this School.

Analysis of Regular, Intercollegiate and Occasional Students, 1960-1962

REGULAR STUDENTS	SESSION 1961-62								
	DAY STUDENTS				EVENING STUDENTS				Grand Total.
	Men	Women	Total.		Men	Women	Total.		
B.Sc.(Economics) 1st year	243	29	272	849	45	7	52	170	1019
2nd year	264	43	307		23	8	31		
3rd year	240	30	270		36	4	40		
4th year	—	—	—		10	—	10		
5th year	—	—	—		36	1	37		
B.A.(Sociology) .. 1st year	4	16	20	136					136
2nd year	5	13	18	60					
3rd year	6	16	22						
B.Sc.(Sociology) .. 1st year	11	15	26						
2nd year	17	13	30	76					
3rd year	7	13	20						
LL.B. .. .. 1st year	34	15	49	141	5	3	8	22	163
2nd year	39	8	47		5	3	8		
3rd year	43	2	45		6	—	6		
B.A. Honours Anthropology:									
1st year	1	1	2						
2nd year	1	1	2	9					
3rd year	2	3	5						
Geography:									
1st year	3	6	9						
2nd year	8	3	11	29					
3rd year	7	2	9						
History: 1st year	9	7	16						
2nd year	9	2	11	40					
3rd year	10	3	13						
Philosophy and Economics:				99					99
1st year	5	1	6						
2nd year	8	—	8	21					
3rd year	5	2	7						
M.Sc.(Economics) 1st year	97	13	110	192	50	1	51	122	
2nd and subsequent years	62	20	82		61	10	71		
M.Sc. .. .. 1st year	1	—	1	2	1	—	1	1	
2nd and subsequent years	1	—	1		—	—			
Ph.D. .. .. 1st year	31	2	33	144	13	1	14	95	278
2nd and subsequent years	97	14	111		71	10	81		
LL.M. .. .. 1st year	16	1	17	35	10	—	10	18	
2nd and subsequent years	18	—	18		8	—	8		
M.A. 1st year	29	17	46	67	8	6	14	42	
2nd and subsequent years	17	4	21		18	10	28		
Research Fee 1st year	98	28	126	137	21	5	26	32	
2nd year	7	4	11		6	—	6		169
University Academic Postgraduate Diplomas									
Anthropology	—	—		—					—
Social Studies in Tropical Territories	1	—		1					1
Law	10	—		10					10
Psychology	—	—		—					—
Public Administration	10	—		10					10
Statistics	2	—		2					2
Diplomas awarded by the School									
Diploma in Applied Social Studies	9	27		36					36
Diploma in Economic and Social Administration	19	1		20					20
Diploma in Mental Health ..	9	27		36					36
Diploma in Operational Research	12	—		12					12
Diploma in Personnel Management	18	4		22					22
Diploma in Social Administration: 1 year course	11	41	52						
2 year course: 1st year	26	25	51	132					132
2nd year	10	19	29						
Certificate in International Studies: 1st year	8	5	13						
2nd year	6	2	8	21					21
Course in Business Administration	—	19		19					19
Composition Fee..	37	7		44					44
General Course	42	22		64					64
Industrial Financing	16	—		16					16
Overseas Services Course ..	11	—		11					11
Trade Union Studies	17	1		18					18
TOTAL OF REGULAR STUDENTS ..	1729	547		2276	433	69		502	2778
OCCASIONAL STUDENTS	167	45		212	111	9		120	332
INTERCOLLEGIATE STUDENTS ..	527	182		709	39	3		42	751
GRAND TOTAL	2423	774		3197	583	81		664	3861

REGULAR STUDENTS.	SESSION 1960-61								
	DAY STUDENTS.				EVENING STUDENTS.				Grand Total.
	Men	Women	Total.		Men	Women	Total.		
B.Sc.(Economics) .. Part I Final	512	59	571	849	107	21	128	191	1040
Part II Final	253	25	278		59	4	63		
B.A.(Sociology) .. 1st year Final	6	13	19	60					
2nd and subsequent years	10	31	41						151
B.Sc.(Sociology) .. 1st year Final	18	13	31	91					
2nd and subsequent years	26	34	60						
LL.B. .. .. Inter.	34	8	42	135	9	3	12	28	163
Part I Final	41	2	43		6	1	7		
Part II Final	47	3	50		9	—	9		
B.A. Honours Anthropology:									
1st year Final	1	1	2	10					
2nd and subsequent years	4	4	8						
B.A. Honours Geography:									
1st year Final	8	3	11	33					
2nd and subsequent years	17	5	22						
B.A. Honours History:				112					112
1st year Final	11	3	14	46					
2nd and subsequent years	26	6	32						
B.A. Honours Philosophy and Economics .. .. 1st year Final	8	2	10	23					
2nd and subsequent years	11	2	13						
M.Sc.(Economics) .. 1st year	70	19	89	165	37	5	42	111	
2nd and subsequent years	64	12	76		61	8	69		
M.Sc. .. .. .. 1st year	5	1	6	7	1	—	1	2	
2nd and subsequent years	1	—	1		1	—	1		
Ph.D. .. .. .. 1st year	19	1	20	129	11	3	14	89	255
2nd and subsequent years	102	7	109		68	7	75		
LL.M. .. .. .. 1st year	25	1	26	40	8	—	8	17	
2nd and subsequent years	13	1	14		6	3	9		
M.A. .. .. .. 1st year	22	5	27	37	11	4	15	36	
2nd and subsequent years	6	4	10		15	6	21		
Academic Postgraduate Diploma in Anthropology	—	—		—	—	—		—	—
Academic Postgraduate Diploma in Social Studies in Tropical Territories	1	—		1	—	—		—	1
Academic Postgraduate Diploma in Law..	8	1		9	3	—		3	12
Academic Postgraduate Diploma in Psychology..	—	—		—	—	—		—	—
Academic Postgraduate Diploma in Public Administration	4	1		5	—	—		—	5
Certificate in International Studies..	11	3		14	—	—		—	14
Certificate in Social Science: one year course	17	42	59						
two year course: 1st year	12	21	33						
2nd year	13	34	47	227					227
Certificate Personnel Administration	17	7	24						
Certificate in Applied Social Studies	5	30	35						
Certificate in Mental Health ..	4	25	29						
Diploma in Economic and Social Administration	16	3		19	—	—		—	19
Diploma in Operational Research ..	4	1		5	—	—		—	5
Course in Business Administration..	20	—		20	—	—		—	20
Course in Trade Union Studies ..	16	1		17	—	—		—	17
Course in Industrial Financing ..	15	—		15	—	—		—	15
Overseas Services Course B.. ..	13	1		14	—	—		—	14
Other Regular Students	55	19		74	1	—		1	75
Research Fee .. .. 1st year	99	20	119	134	12	1	13	18	152
2nd year	13	2	15		5	—	5		
TOTAL OF REGULAR STUDENTS ..	1703	476		2179	430	66		496	2675
INTERCOLLEGIATE STUDENTS									
Arts	37	74		111	—	—		—	111
Economics	205	11		216	—	—		—	216
General	9	—		9	—	—		—	9
Higher degree	75	8		83	—	—		—	83
Laws	285	62		347	63	13		76	423
Science	222	12		234	—	—		—	234
Total of Intercollegiate Students ..	833	167		1000	63	13		76	1076
OCCASIONAL STUDENTS									
Terminal Composition Course ..	40	11		51	1	—		1	52
Other Occasional Students	123	49		172	118	15		133	305
Total of Occasional Students ..	163	60		223	119	15		134	357
Total of Intercollegiate Students ..	833	167		1000	63	13		76	1076
Total of Regular Students	1703	476		2179	430	66		496	2675
GRAND TOTAL	2699	703		3402	612	94		706	4108

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

	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62
Balkan States ..	41 (32)	53 (51)	55 (49)	62 (55)	53 (49)	70 (58)
France	15 (7)	7 (5)	16 (9)	7 (3)	10 (4)	9 (5)
Germany ..	24 (7)	29 (19)	21 (10)	28 (12)	36 (11)	29 (15)
Holland	6 (4)	3 (3)	7 (3)	4 (3)	4 (2)	5 (3)
Italy	9 (4)	11 (10)	13 (10)	11 (9)	15 (8)	14 (11)
Poland	—	5 (5)	12 (11)	7 (7)	4 (3)	6 (5)
Russia	1 (—)	4 (3)	2 (1)	1 (1)	1 (1)	1 (—)
Scandinavia ..	10 (5)	14 (11)	8 (5)	15 (8)	18 (16)	15 (13)
Switzerland ..	12 (6)	17 (10)	12 (5)	13 (8)	16 (6)	8 (3)
Others	31 (18)	37 (29)	47 (38)	55 (41)	42 (36)	60 (47)
Total Europe ..	*149 (83)*	*180 (146)*	*193 (141)*	*203 (147)*	*199 (136)*	*217 (160)*
Burma	7 (7)	6 (5)	—	7 (6)	9 (9)	10 (10)
Ceylon	18 (15)	20 (18)	19 (17)	14 (14)	18 (17)	22 (20)
China	2 (1)	2 (1)	—	2 (2)	—	4 (4)
India	116 (105)	121 (116)	136 (130)	134 (126)	143 (139)	122 (117)
Pakistan	34 (33)	34 (31)	41 (36)	29 (29)	30 (28)	26 (25)
Israel	27 (24)	24 (21)	20 (16)	19 (13)	28 (24)	27 (24)
Japan	14 (9)	11 (9)	15 (10)	13 (9)	17 (12)	16 (13)
Others	91 (68)	96 (78)	85 (77)	91 (80)	92 (84)	116 (100)
Total Asia ..	*309 (262)*	*314 (279)*	*316 (286)*	*309 (279)*	*337 (313)*	*343 (313)*
Ghana	28 (25)	29 (28)	30 (27)	28 (26)	23 (20)	30 (30)
Nigeria (included in Others up to 1959-60) ..	—	—	—	—	87 (79)	94 (90)
Egypt	13 (12)	7 (7)	14 (10)	19 (16)	21 (20)	16 (16)
South Africa ..	22 (19)	20 (16)	24 (20)	26 (22)	28 (25)	34 (33)
Others	103 (96)	115 (112)	113 (109)	125 (123)	48 (46)	67 (65)
Total Africa ..	*166 (152)*	*171 (163)*	*181 (166)*	*198 (187)*	*207 (190)*	*241 (234)*
Canada	45 (40)	45 (37)	56 (52)	81 (73)	78 (69)	102 (89)
United States ..	145 (115)	142 (115)	181 (154)	193 (158)	209 (168)	220 (187)
Others	—	—	—	—	—	4 (4)
Total North America	*190 (155)*	*187 (152)*	*237 (206)*	*274 (231)*	*287 (237)*	*326 (280)*
W. Indies (incl. Cent. Amer. up to 1958–59) ..	—	—	—	30 (30)	39 (38)	33 (31)–(30)
Central America (incl. W. Indies up to 1958–59)	39 (36)	39 (35)	42 (38)	7 (4)	11 (7)	10 (9)
South America ..	29 (24)	19 (14)	19 (16)	39 (23)	57 (41)	46 (37)
Australia ..	23 (22)	26 (23)	25 (22)	19 (19)	24 (21)	38 (37)
New Zealand ..	4 (4)	6 (6)	6 (5)	3 (2)	6 (6)	4 (4)
Fiji	1 (1)	—	1 (1)	1 (1)	—	3 (3)
Total Oceana ..	*28 (27)*	*32 (29)*	*32 (28)*	*23 (22)*	*30 (27)*	*45 (44)*
Total ..	**910 (739)**	**942 (818)**	**1020 (881)**	**1083 (923)**	**1167 (989)**	**1261 (1108)**

The figures in brackets denote the number of Regular Students.

PART II
REGULATIONS AND FACILITIES

ADMISSION OF STUDENTS

1. Students are classified in the following categories:—

(*a*) Regular students—those paying a composition fee for a degree, diploma or certificate or for any other full course and students paying a research fee.

(*b*) Occasional students—those paying a fee for one or more separate courses of lectures.

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

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

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

First Degrees

(1) In order to deal with the increasing numbers of applications for admission which are received each year by universities in this country, it has been decided that all applications by candidates permanently resident in this country for admission in October 1963 to first degree courses at university institutions in England and Wales (with the exception of Oxford and Cambridge), shall be submitted through a Central Office. Candidates who wish to apply for admission to a first degree course at this School and who, at the time they make their application, have been resident in this country for three years or more should obtain an application form from the Central Office and return the completed form to the Central Office and not to this School. The form will then be duplicated and copies will be sent to all the universities to which the candidate wishes to apply. The closing date for the receipt of applications at the Central Office will be 31 December.

Application forms should be obtained from and returned to:

The Secretary,
The Universities Central Council on Admissions,
29, Tavistock Square,
London, W.C.1.

though candidates still at school may be able to obtain forms from their head teachers.

(2) Oversea candidates and those who wish to apply for admission as evening students will not, at this stage, be asked to submit their applications through the Central Office. They should obtain an application form from the Registrar of the School and return the completed form to him. The closing date for the receipt of applications from overseas is 30 November in the year preceding the session in which admission is sought, and applications received after this date will not normally be considered. Applications from evening candidates will be accepted for consideration so long as there are places available on the course.

(3) Before a student can be registered at the School as reading for a first degree of the University of London, he must as a general requirement comply with the University Regulations for admission to the degree course for which he is applying. The minimum admission requirements and the regulations for the degree courses conducted by this School are set out briefly overleaf. Full details may be found in the University of London Entrance Regulations and the Regulations for degrees and diplomas. The former may be obtained from the Secretary, University Entrance Requirements Department, and the latter from the Academic Registrar, Senate House, W.C.1.

(4) The fact that a student has satisfied these general requirements does not mean that he will automatically obtain a place at the School. Since its accommodation is limited the School can accept only a small proportion of those who apply. Candidates are usually expected to have reached a standard well above the pass mark in their qualifying examinations. The School reserves the right to call any student for personal interview and may also specify conditions over and above the requirements of the University regulations with which a student must comply before admission. Candidates may also be asked to take an Entrance Examination.[1]

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

(6) Candidates will be informed of the result of their applications. Successful candidates will be given advice on the choice of special and alternative subjects where appropriate. They will be admitted as regular students of the School on payment of the requisite fees and on

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

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.

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

UNIVERSITY ENTRANCE REQUIREMENTS

Candidates for admission to courses leading to a first degree of the University of London must satisfy the general requirements laid down by the University. Full details of the regulations governing these requirements may be obtained from the University (see paragraph 2). A summary of the regulations as they affect the degree courses offered by this School is set out below.

Candidates for any of the degree courses offered by this School may satisfy the entrance requirements by:—

(1) passing the General Certificate of Education Examination, or an approved equivalent, in the required number of subjects, i.e. either (*a*) two at advanced level and three at ordinary level or (*b*) three at advanced level and one at ordinary level. A candidate who wishes to take an Arts degree, i.e. the B.A. with Honours in Anthropology, Geography, History, Sociology, or Philosophy and Economics, must include, at either ordinary or advanced level, passes in an approved classical language, such as Greek or Latin, and in a modern foreign language. There are also certain subjects, such as British Constitution and Economic History, which are not recognized for entrance requirements purposes for admission to Arts degree courses;

or

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

or

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

ADDITIONAL INFORMATION FOR OVERSEA STUDENTS

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

(*a*) Those who do not hold the relevant British qualifications must have obtained, from an approved university, a degree of at least Second Class standard. In addition they may be required to take the Entrance Examination (see paragraph 4).

(*b*) Candidates should send in with their application forms attested copies or photostat copies (not originals) of any examination certificates they hold. Those who already hold a degree should send copies of the mark sheets of their final examinations and of their most recent transcripts of record if their university issues them. Only one copy of each document is required.

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

(*d*) Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available at least £450 to £500 a year. They may also be asked to provide a medical certificate.

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

GENERAL COURSE AND COMPOSITION FEE STUDENTS

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

GENERAL COURSE

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

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

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

(3) The number of students admitted each year is strictly limited. Only students who propose to spend one whole session at the School will ordinarily be considered.

(4) (*a*) At the beginning of the session General Course students are given an introductory talk by the Advisor to General Course students, in which the system of teaching at the School will be explained. Each student will also be interviewed early in the session by the Advisor to General Course students who has general responsibility for all students in this category.

(*b*) Every student is allocated to a tutor who will advise him in his selection of courses and act throughout the session as supervisor of his work.

(*c*) The student has full use of the library without payment of any additional fee.

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

(*b*) The student may apply to write not more than two examination papers in subjects of his own choosing.

(*c*) A confidential tutor's report will also be made available, on request, to the student's home university.

The School does not grade students or award credits on the American model. Before committing themselves to attendance here, students should therefore ensure that the facilities outlined above will satisfy the requirements of their home university.

(6) Application forms for General Course registration may be obtained from the Registrar of the School. Completed applications must reach the School not later than 1 May before the opening of the session for which admission is sought.

COMPOSITION FEE

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

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

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

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

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

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

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

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

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

3. OCCASIONAL STUDENTS

(1) Occasional students are entitled to attend up to five lecture courses, i.e. five hours a week, throughout the session. They are normally required to enrol for a complete course or for one term; registration for single lectures is not possible. The fee for most courses is 9s. 0d. per hour.

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

(3) Each applicant will be asked to state his qualifications for study at the School and the purpose for which he wishes to study, and he may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students may be accepted. The claims of graduate students proceeding to further studies will receive special consideration. Candidates for external degrees of this University may not normally be registered as Occasional students.

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

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

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

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

UNIVERSITY REGISTRATION

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

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

REGULATIONS FOR STUDENTS

1. All students shall obey all rules made and instructions given by the Director of the School or under his authority, and shall refrain from conduct derogatory to the character or welfare of the School.

2. The Director may at his discretion refuse to any applicant admission to a course of study at the School or continuance in a course beyond the normal period required for its completion. He may refuse to allow any student to renew his attendance at the School as from the beginning of any term, on the ground of the student's lack of ability or of industry, or for any other good cause.

3. Fees shall not be returnable, save that applications for their partial return may be considered in exceptional circumstances.

4. The copyright in lectures delivered in the School is vested in the lecturers, and notes taken at lectures shall be used only for purposes of private study.

5. Students introducing visitors to School premises shall be held responsible for their conduct.

6. The School premises shall not, without permission from the Director or Secretary, be used for the sale or organised distribution of books, papers or other articles, or for the making of collections for charitable or other purposes.

7. Save as provided in regulations 8 and 9, no student shall, without the permission of the Director, use the name or address of the School, or the title of any body if that title includes the name of the School, when communicating to any person or organisation outside the School the text or sense of any resolution considered by any group or organisation of students.

8. Notwithstanding regulation 7, the Students' Union may communicate the text or sense of any such resolution, if strictly limited to matters of concern to students as such, to any organisation of students outside the School.

9. Notwithstanding regulations 7 and 10, where membership of any society is voluntary and that society is recognised by the Students' Union, a resolution of that society may be communicated to any person if (*a*) the communication also shows the numbers of members of the society voting for and against the resolution and (*b*) the terms of the resolution do not constitute an offence against any other regulation.

10. Save as provided in regulation 9, no student shall without the permission of the Director use the name or address of the School, or the title of any body if that title includes the name of the School, when sending any letter or other communication to the Press (other than a student publication) or when distributing any document outside the School for any purpose; save that this regulation shall not preclude any graduate student from using the address of the School when sending to persons outside the School any communication whose terms have been approved by his supervisor for the purpose of eliciting information required for his research.

11. No student shall without the permission of the Director use the name or address of the School when making to any public authority in the United Kingdom or elsewhere any representations on behalf of any other student or group of students of the School.

12. The address of the University must not be used when making communications to the Press, except by those to whom the University has given special permission.

13. Representatives of the Press (other than representatives of student publications) shall not, without the permission of the Director, be admitted to any meeting held in the School, or to any meeting held outside the School by a body whose title includes the name of the School; nor may any arrangement be made without his permission for any part of the proceedings of such a meeting to be reported or recorded by any broadcasting or television corporation or authority.

14. No student shall, without permission given by the Director or under his authority, bring or cause to be brought into any of the School premises (including Passfield Hall and the athletic ground at Malden) any alcoholic liquor.

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

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

17. The playing of cards on School premises is prohibited save:

(*a*) in any room which may from time to time be assigned for the purpose to a student society or club, and

(*b*) in accordance with the rules of that society or club.

18. If any offence shall be committed against any of these regulations it shall not be excused by the fact that the offender may have acted on behalf of any group or organisation of students.

19. For any breach of these regulations a student may be fined any sum not exceeding £5, be suspended either from all use of the School or from any particular privileges, or be expelled from the School.

20. The penalties of expulsion and of suspension for more than three months may be inflicted only by the Board of Discipline constituted by the Governors, and students subjected to these penalties shall have the right of appeal from the Board to the Standing Committee of the Governors. The other penalties may be inflicted by the Director or under his authority.

BOARD OF DISCIPLINE

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

STUDENT ACTIVITIES

The particular attention of all officers of student societies is drawn to the Rules Relating to Student Activities, with which all students are required to comply. A copy of those rules is posted on the Secretary's notice-board.

FEES

(The fees stated are those which are applicable to the session 1962–63.)

General Notes

(i) Composition fees, with the exception of those paid for a series of lectures only, entitle students to:—

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

(ii) Degree composition fees cover lectures, classes, and individual supervision, and also lectures given at other colleges under intercollegiate arrangements.[1] Except in the case of students registered for higher degrees they also cover registration and examination fees. Students reading for higher degrees must pay university registration and examination fees in addition to the School composition fees.

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

(iv) 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.

(v) Fees should, as far as possible, be paid by cheque and remitted by post to the " Accounts Department (Room 214) ".

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

(vii) The School does not normally issue receipts for the payment of fees by cheque unless specially required. The admission cards issued to occasional and graduate students will serve as an acknowledgment of the payment of their fees.

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

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

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

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All first degrees Academic Diplomas in Anthropology Law Psychology Public Administration Statistics Diplomas in Economic and Social Administration Personnel Management Social Administration Mental Health Applied Social Studies Certificate in International Studies	£70	£26	£23
One-year Graduate Course in Business Administration Trade Union Studies Composition Fee	£60	£22	£20
General Course*	£75	£27	£25
Diploma in Operational Research	£200 for course (1 or 2 years)		
Industrial Financing	£300 for course (1 year)		

* From October 1963 the fee for this course will be £90 for the session.

Fees for Undergraduate Evening Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
B.Sc. (Econ.)	£25	£10	£8
LL.B.	£42	£16	£14

Fees for Full-time Graduate Courses

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
All higher degrees	£60	£22	£20
Research fee[1]	£35	£13	£12
Continuation fee	£10	£4	£4

Fees for Part-time Graduate Courses[2]

	Sessional Fee	If paid by the Term	
		First Term	Subsequent Terms of the Session
LL.M.	£40	£14	£14
All higher degrees (except LL.M.)[3]	£16	£6	£6
Research Fee	£16	£6	£6
Continuation fee	£5	—	—

[1] 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.

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

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

Notes:—

(i) The continuation fee is payable by a higher degree student who has completed his approved course of study, but has been permitted to continue his registration. It entitles him to receive advice from his supervising teacher and to attend one seminar, but not to attend any lecture courses.

(ii) The fees cover attendance by the student at all such lectures at the School as he is advised by his supervising teacher to attend. In cases where he is advised to attend a course given at one of the other institutions of the University, the permission of the Secretary of the School must first be obtained.

(iii) The fees for the LL.M. degree entitle the student to the advice and guidance of a supervising teacher and attendance at such lecture courses and seminars as are approved by the latter. A student spreading the work for the degree over two sessions may, with the consent of the teacher concerned, repeat a seminar or course already taken.

Fees for Occasional Students

(See page 132)

Approved students are admitted on payment of appropriate fees, the amounts of which will be quoted on request. For general guidance it may be stated that the fee for most courses is 9s. per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £4 10s.

Examination Fees

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

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

STUDENTSHIPS, SCHOLARSHIPS, EXHIBITIONS AND BURSARIES

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

(a) **Entrance awards,** open for the most part to those who seek to enter the School to read for a first degree; some are open also to evening and " adult " students who are already studying at the School.

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

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

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

(1) Two Leverhulme Studentships for Special Courses, page 155.
(2) The S. H. Bailey Scholarship in International Studies, page 148.
(3) The Scholarship in International Law, page 149.

OVERSEA APPLICANTS

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

Entrance Scholarships and Bursaries awarded by the School

LEVERHULME ENTRANCE SCHOLARSHIPS

In and after 1963, five Leverhulme Entrance Scholarships of the value of £100 a year will be offered for award annually to students

intending to read for first degrees at the School. A place in a Hall of Residence will be reserved for any scholar who desires it; scholars will of course be required to pay the normal hostel fees. One of the scholarships will be reserved in the first instance for a candidate of at least 23 years of age; it will be known as the Leverhulme Adult Scholarship; the regulations are given below. Candidates for the remaining four scholarships who have not yet taken advanced level papers for the examination for the General Certificate of Education will be required to take the Inter-Collegiate Scholarships Board's examinations.[1] Candidates who have already taken advanced level papers will be considered on their performance in these papers although they may enter for the Inter-Collegiate Scholarships Board's examinations if they wish.

The regulations applicable to the above awards are:—

(1) Scholarship holders will be required to proceed to an internal degree of the University of London in the Faculty of Economics (B.Sc. (Econ.) or B.Sc. (Soc.)), or in the Faculty of Arts (only for B.A. with honours in Anthropology, Geography, History, Philosophy and Economics, or Sociology), or in the Faculty of Laws (LL.B.), as full-time students of the School.
(2) All the awards are tenable for three years provided that the holder makes satisfactory progress.
(3) The awards will be made on merit following competitive interview; regard will not be had to the candidates' financial circumstances.
(4) The closing date for the receipt of entries for the Inter-Collegiate Scholarships Board's examinations is 30 November. Candidates in schools within the London postal area and candidates who have left school will be required to take the examination in London. Candidates in schools outside the London postal area are permitted to take the examination at their schools if satisfactory arrangements can be made.
(5) The closing date for the receipt of entries from those who have taken advanced level papers is 30 November. Forms of application may be obtained from the Registrar of the School.

LEVERHULME ADULT SCHOLARSHIPS

One Adult Scholarship, of the value of £100 per annum, will be offered annually by the School. The regulations for this scholarship are:—

[1] Intending candidates may obtain further particulars, including subjects to be offered, entry forms and timetable of the examination, from the Secretary of the London Inter-Collegiate Scholarships Board, University of London, Senate House, W.C.1.

(1) Candidates must be not less than 23 years of age on 1 October in the year of award.
(2) The scholarship is open equally to men and women.
(3) A student who has already obtained a university degree will not ordinarily be considered for an award.
(4) Candidates may be asked to take the Entrance Examination (see page 128) or to submit an essay on an approved topic. Selected candidates will be interviewed and in consequence oversea applicants cannot be considered unless they can be available for interview in London in the summer.
(5) Candidates must be in a position to comply with the University of London requirements for admission to a first degree course or must enter for an examination to enable them to comply with such requirements before 1 October in the year of award.
(6) Candidates must have studied one or more subjects systematically since leaving school and must show evidence of promise in their work.
(7) The scholarship will be tenable for one year in the first instance, but may be renewed for a second and third year subject to satisfactory reports on the student's progress.
(8) The successful candidate will be required to register as 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 will not be awarded unless there is a candidate of sufficient merit.

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

ENTRANCE SCHOLARSHIPS FOR MATHEMATICIANS IN STATISTICS AND COMPUTATIONAL METHODS

(1) Entrance Scholarships for students who wish to specialize in Statistics or Computational Methods have been established with the aid of funds provided by a number of business firms.
(2) The value of each scholarship will be £450 a year. The Scholar will be responsible for paying his own fees. It is expected that two scholarships will be offered in 1963.
(3) Scholarships will be awarded for three years (the normal duration of the degree course) but will be subject to annual review.
(4) Scholars will be entitled to the full value of the award. No account will be taken of the parents' income or of income from any other source.

(5) In making the awards, the School will have regard to the candidates' school records and their performance in the examination for the General Certificate of Education. Candidates will be required to have passed at least one of the Mathematics papers of the General Certificate of Education at Advanced Level in or before the year of award, or to hold evidence of similar proficiency in Mathematics.
(6) Selected candidates will be asked to attend an interview.
(7) Successful candidates must satisfy the minimum entrance requirements of the University of London before admission. They will be required to register as full-time students of the School, to proceed to the internal degree of B.Sc.(Econ.) of the University of London, and to offer either Statistics or Computational Methods as their special subject at Part II of the degree examination.

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

SCHOLARSHIPS FOR MENTAL HEALTH COURSE

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

CHRISTIE EXHIBITION

An exhibition to the value of £40, founded in memory of the late Miss Mary Christie, will be awarded every other year. The next award will probably be made in 1964.

The regulations for this exhibition are:—

(1) Candidates must have attained the age of 20 years on 1 October in the year of award.
(2) The exhibition will be awarded on the basis of the candidate's academic record and by selective interview.
(3) Candidates must satisfy the committee as to their need of financial assistance to follow the course prescribed.
(4) The holder of the exhibition must pursue a diploma or certificate course in the department of Social Science and Administration at the School.
(5) The exhibition will be tenable for one year.

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

UNIVERSITY EXTENSION EXHIBITIONS

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

The regulations for these exhibitions are:—

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

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

SPECIAL BURSARIES

A limited number of special bursaries in the form of total or partial remission of fees may be awarded to full-time students, and to evening students reading for first degrees. Candidates must satisfy a selection committee as to their special promise and their need of financial assistance.

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

Entrance Scholarships and Bursaries awarded by the University of London and other Bodies

LOCH EXHIBITIONS

Two exhibitions to the value of £24 each, founded by a private benefactor in memory of the late Sir C. S. Loch of the Charity Organisation Society, will be awarded annually.

The regulations for these exhibitions are:—

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

Application forms may be obtained from the Registrar of the School. Completed applications, accompanied by the names of three referees and the evidence required under the conditions of award, must reach him not later than 31 May in the year of award.

STATE SCHOLARSHIPS FOR MATURE STUDENTS

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

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

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

For further particulars, see Ministry of Education, Grant Regulation leaflet, obtainable from H.M. Stationery Office.

AWARDS OFFERED BY LOCAL AUTHORITIES

Local Education Authorities throughout the country award Scholarships and Exhibitions for University study. Particulars may be obtained from Education Officers of Counties or County Boroughs. Early application is advised.

LONDON COUNTY COUNCIL

Major County Awards

The Council offers scholarships to students undertaking degree and diploma courses at universities and university colleges throughout the British Isles, as well as at other approved colleges of further education. Candidates taking degree courses must have passed two subjects at " A " level in the General Certificate of Education (or the equivalent) in order to be considered for an award.

Awards to Teachers

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

Evening Exhibitions

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

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

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

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

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

SCHOLARSHIPS IN TRADE UNION STUDIES

The Trades Union Congress Educational Trust offer for award a number of scholarships for full-time students for a one-year course in Trade Union Studies.

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

Scholarships awarded during Undergraduate Career by the School

UNDERGRADUATE SCHOLARSHIPS

At least three Undergraduate Scholarships of the value of £50 a year may be offered by the School annually provided that there are candidates of sufficient merit.

The regulations for these scholarships are:—

(1) Candidates must have completed not less than one year of a first degree course at the School and must not yet have begun on the final year.

(2) The scholarships will be awarded on the basis of the sessional assessment of students, including results of any examination that may have been taken, reports from tutors and essay work. Candidates may be required to attend an interview.

(3) The scholarships will be tenable for one or two years, extension beyond the first year being dependent upon the receipt of a satisfactory report from the student's tutor.

(4) An evening student who obtains one of these awards may be enabled to become a full-time student.

(5) The scholarships will be awarded at the end of the Summer Term in each year.

Applications on the appropriate form should be received by the Registrar not later than 31 May.

THE ACWORTH SCHOLARSHIP

THE ROSEBERY SCHOLARSHIP

(1) An Acworth and a Rosebery Scholarship, each of the value of £75 a year, will be offered for award by the School in alternate years. An award will be made only if there is a candidate of sufficient merit.

(2) The scholarships will be open to any student reading for the B.Sc.(Econ.) degree who selects The Economics of Transport as an optional subject in Part II of the degree course.

(3) Candidates will be eligible to compete either in the first year or in the second year of the course for the B.Sc.(Econ.) degree.

(4) The scholarships will be awarded on the basis of the sessional assessment of students including results of any examination that may have been taken, reports from tutors and essay work. Candidates may be required to attend an interview.

(5) The scholarship will be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.

Applications will be considered after the end of the Summer Term in each year, and should be submitted on the appropriate form to the Registrar not later than 31 May.

HAROLD LASKI SCHOLARSHIP

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

The regulations for this scholarship are:—

(1) The scholarship will be awarded to a student who proposes to offer Government as his special subject in Part II of the B.Sc. (Economics) examination and who achieves the best result among such students in the paper on British Government: an Introduction to Politics in Part I.

(2) The scholarship will be tenable for one year.

LILIAN KNOWLES SCHOLARSHIP

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

The regulations for this scholarship are:—

(1) The scholarship will be awarded on the results of Part I of the B.Sc. (Economics) examination to a student offering Economic History as his special subject in Part II of the examination, and achieving the best result among such students in Part I of the examination as a whole.

(2) The scholarship will be tenable for one year.

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

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

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

The regulations for this scholarship are:—

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

(2) The scholarship is open to all regular students of the School, but normally preference will be given to a student whose course at the School has included the study of International Relations.

(3) The scholarship is awarded to enable the successful student to attend a session at the Academy of International Law at The Hague or in any other institute of international study or to gain experience of some suitable international organisation on a plan to be approved by the Director.

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

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

SCHOLARSHIP IN INTERNATIONAL LAW

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

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

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

CHRISTIE EXHIBITION

(For details see page 143.)

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

BRYCE MEMORIAL SCHOLARSHIP

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

The regulations for this scholarship are:—

(1) Candidates must be internal students of the University.

(2) Candidates must have completed the first year of a course as internal students of the University, and must be about to commence the second year of a course leading to the B.A. Honours degree in History or to the LL.B. degree.

(3) The scholarship will be tenable for one year.

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

CLOTHWORKERS' COMPANY'S EXHIBITIONS

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

The regulations for these exhibitions are:—

(1) The exhibitions are restricted to internal students (men), who must be prepared to take an honours degree and/or to take Holy Orders in the Church of England. Preference will be given to applicants intending to take Holy Orders, but the exhibitions are open to any candidate who is proceeding to an honours degree. (Candidates for the LL.B. degree must have passed the Intermediate examination in Laws.)

(2) The exhibitions will be tenable for two years.

(3) They will be available during the second and third years of the degree course.

(4) Applicants must be British subjects by birth whose income from all other sources, including the emoluments of the exhibition, will not exceed the amount payable to a State Scholar at the University of London.

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

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

METCALFE SCHOLARSHIP

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

The regulations for this scholarship are:—

(1) Candidates must be women students who have passed the examination for Part I of the B.Sc. (Econ.) degree.

(2) The successful candidate will be required to work either as a full-time or as a part-time student of the School for the B.Sc. (Econ.) degree.

(3) The scholarship will be tenable for one year.

STERN SCHOLARSHIPS IN COMMERCE

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

The regulations for these scholarships are:—

(1) Candidates must be of British nationality.

(2) The scholarships will be awarded on the results of Part I of the B.Sc. (Econ.) examination to students proposing to take Monetary Economics, Industry and Trade or Accounting as the special subject in Part II of the examination.

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

GRAHAM WALLAS MEMORIAL SCHOLARSHIP

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

The regulations for this scholarship are:—

(1) The scholarship is open to any student working as an internal student of the University for the B.Sc. (Economics) (with the special subject of Government or Sociology), the B.Sc. (Sociology), the B.A. degree in Sociology, or the B.A. or B.Sc. degree in Psychology, and who has completed satisfactorily one year of the course for the relevant degree in the University.

(2) The scholarship will be tenable in the first instance for one year, but may be renewed on application.

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

Studentships and Scholarships for Graduate Work awarded by the School

Note for Oversea Students.—The attention of students from overseas is particularly directed to the conditions of award for graduate studentships offered by the School. The awards are not made until the beginning

of the session for which they are offered and, save in the case of the Leverhulme Graduate Entrance Studentships for oversea students, final selection is by competitive interview at the School. Competition for the studentships is keen, and students from overseas should not come to the School in the expectation of securing an award. They should have sufficient resources to maintain themselves during their course of study.

GRADUATE STUDENTSHIPS

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

The regulations for these studentships are:—

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

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

LEVERHULME RESEARCH STUDENTSHIPS

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

The regulations for these studentships are:—

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

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

LEVERHULME GRADUATE ENTRANCE STUDENTSHIPS FOR OVERSEA STUDENTS

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

The regulations for these studentships are:—

(1) The studentships will be open to men and women who are graduates of an oversea university, or expect before October of the year of award to become graduates of such a university.
(2) No person who is or has been a student of the London School of Economics is eligible.
(3) Each student will be required to read at the School as a full-time student for a higher degree of the University of London or

to follow at the School some other graduate course approved by the Director, and to pay the appropriate fee.

(4) The awards will be tenable for one year in the first instance, but may be renewed for a second year if the student's progress is satisfactory.

(5) Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should state why he wishes to obtain an award and what benefit he hopes to derive from it, and he should supply details of his proposed scheme of research or course of study, unless this information has already been sent to the School. He should give the names of two persons whom he should ask to write direct to the Secretary of the Graduate School to report on his suitability for the award. The candidate is responsible for seeing that these letters are sent in support of his application. The School will write to the referees only if further information is needed.

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

LEVERHULME RESEARCH STUDENTSHIP FOR OVERSEA STUDENTS

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

The regulations for this studentship are:—

(1) The award will be restricted to students who are not graduates of the University of London and who have been registered at the School as graduate students throughout the session previous to that in which they wish to hold the award.

(2) The value of the studentship will be determined according to the needs of the holder.

(3) The award will be tenable for one year only.

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

GREEK SHIPOWNERS' STUDENTSHIPS FOR GRADUATE STUDENTS

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

The regulations for the studentships are:—

(1) The value of each Studentship will be not less than £300 a year, the student being required to pay his own fees.

(2) The Studentships will 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 will be required to read at the School as a full-time student for a higher degree of the University of London, or to follow at the School some other graduate course approved by the Director.

(5) Each Studentship will 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.

(6) 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.

(7) Applications must be received by 1 May for awards tenable from the following October and should be sent to the Secretary of the Graduate School.

LEVERHULME STUDENTSHIPS FOR SPECIAL COURSES

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

The regulations for these studentships are:—

(1) They will be open to students who wish to read for certificates awarded by the School as well as to those who wish to undertake study, not necessarily leading to any diploma, certificate or other award, in a subject in which they have become interested during their undergraduate careers.

(2) Each award will be made to enable a student to follow any of the courses of study offered by the School, other than one leading to a first or higher degree.
(3) Applicants must be qualified for admission to the required course and acceptable as students by the department concerned with it.
(4) The awards will be tenable in the first instance for one year with the possibility of renewal for a second year.

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

MONTAGUE BURTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

The School offers annually at least two graduate studentships, each of the value of £40, to enable the holders to read for the School's Certificate in International Studies, or to pursue research, or to read for a higher degree in International Relations under the direction of the Montague Burton Professor of International Relations.

The regulations for these studentships are:—

(1) The awards are open to graduates in the Humanities or the Social Sciences of any university.
(2) Applicants need not necessarily have any formal grounding in any particular branch of International Studies.
(3) In awarding the studentships the School will have regard to the desire of those who founded this endowment by giving preference to those students who wish to qualify themselves for university teaching in International Relations, the subject in which the Montague Burton Professorship was established.
(4) The awards will be tenable for up to two years.
(5) The Ministry of Education will recognise these awards for State Scholarship purposes only when the holder is a graduate, of a standing approved by the Ministry, who undertakes a course leading to a certificate or diploma, and is normally resident in England, Wales or Scotland.
(6) In exceptional circumstances the School may grant a maintenance allowance to the holder of one of these studentships if he fails to qualify for a supplementary State Scholarship.

Applications for the awards should be made on a form which can be obtained from the Registrar and must be returned to him by 30 June.

NOEL BUXTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

With the aid of a grant provided by the Noel-Buxton Trust, a Research Studentship in International Relations tenable at the London School of Economics and Political Science has been established for a limited period. The first studentship will be offered for award in 1962 and thereafter it is intended to offer an award every other year.

The regulations for the Studentship are as follows:—

(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 will be required to follow an approved course of study or research in the field defined in Regulation (2), whether leading to a higher degree or not.
(4) The value of each studentship shall not exceed £1,000 a year. It shall normally be held for a period of not less than two years at a time.

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

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

HUTCHINS STUDENTSHIP FOR WOMEN

A studentship of the value of £400 is awarded every third year to women students. It is intended to promote the execution of definite pieces of original work preferably in Economic History or, if no suitable candidate is forthcoming in that field, in some branch of Social Science. The next award will be made in 1963.

The regulations for this studentship are:—

(1) The studentship is open to women students who are graduates or possess the necessary qualifications to undertake research.
(2) The subject of research must be approved by the Director of the School.

(3) The successful candidate will be expected to devote her whole time to carrying on research in such fields of investigation as may be required.

(4) The studentship is tenable for one year only.

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

REES JEFFREYS STUDENTSHIP IN TRANSPORT

One Studentship in Transport of the value of about £500, provided in part from funds from an endowment created for the purposes of the Studentship by the late Mr. Rees Jeffreys and in part by the Trustees of The Rees Jeffreys Road Fund, will be offered for award annually. The Studentship will be tenable in the first instance for one year, but may, in certain circumstances, be renewed for a second year.

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

The object of the Founder is to promote research " into the economics and means of transport with a view to securing the balanced development of the various forms of transport and the progressive lowering of charges ", and any scheme of research likely to further those ends will receive due consideration.

Applications for the studentship should be made on a form which can be obtained from the Registrar and must be returned to him by 31 May.

STUDENTSHIP IN THE ECONOMICS OF LATIN AMERICA

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

The regulations for each studentship are as follows:—

(1) The Studentship will be open to men and women graduates with good honours degrees in economics or to those who, before October in the year of award, obtain such degrees. Preference will be given to candidates domiciled in the United Kingdom.

(2) The value of the Studentship will be not less than £600 a year together with the fees due to the School and the University of London. The cost of any travel in Latin America approved by the Director may also be provided.

(3) The student will be required to register at the School as a full-time student and to undertake research in the Economics of Latin America or advanced study preparatory to such research. His programme of work will require the approval of the Director.

(4) Each Studentship will be tenable at the School for one year in the first instance, but will be renewed for a second year if the student's progress is satisfactory, and may be further renewed thereafter.

(5) Each candidate for an award should apply by letter giving his age and full particulars of his education and qualifications. He should indicate in outline his proposed scheme of research or course of study, unless this information has already been sent to the School. He should give the names of two referees.

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

MANOR TRUST

As a memorial to the late Mr. Albert Palache the Manor Trust makes donations to the School to maintain a small fund to assist students who wish to undertake research on subjects within the field of Business Administration and students attending the one-year course in Business Administration who are unable to secure financial assistance from other sources.

This Fund is administered by the Scholarships and Prizes Committee of the School.

Further information may be obtained from the Registrar.

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES

(See page 148.)

SCHOLARSHIP IN INTERNATIONAL LAW

(See page 149.)

BURSARIES FOR GRADUATE STUDENTS

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

The regulations for these bursaries are:—

(1) Bursaries will be awarded on intellectual promise and subject to financial need.

(2) They will be open equally to day and evening students.

(3) The successful students will be expected to follow a course of research approved by the Director.

(4) The bursaries will be awarded for one year in the first instance, but will be renewable subject to satisfactory progress for the period of the course for which the student is registered.

(5) Applications should be accompanied by a full statement of the candidate's financial position, showing clearly why he is unable to undertake research without financial assistance.

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

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

STATE STUDENTSHIPS

The Ministry of Education offers State Studentships for postgraduate study in Arts subjects, i.e. those covered by the work done at the School. The awards, which are open to all graduates of British universities normally resident in Great Britain, have at present a maximum value of £450 (or £340 if the student lives at home), plus tuition and examination fees and a contribution towards the cost of preparing a thesis. The maintenance grant will be awarded without reference to the income of the student's parents.

The awards are made by the Ministry of Education each summer on the basis of recommendations made by British universities during the Lent Term. Students of the School who wish to undertake postgraduate work with the aid of a State Studentship should apply to the Registrar by a date in the Lent Term which will be announced on the scholarships notice-board at the School. Every student seeking nomination must be supported by at least two and not more than three members of the teaching staff.

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH

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

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

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

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

Attention is also drawn to the statement on page 260 about the availability of D.S.I.R. grants for students engaging in Joint Postgraduate Studies in Technology, Economics and Administration.

EILEEN POWER STUDENTSHIP

An Eileen Power Studentship in social and economic history, founded by the friends of the late Professor Eileen Power, will be awarded every second or fourth year until further notice. The next award of the studentship, which is designed for students of postgraduate standing, will probably be made in 1962. The studentship is of the value of at least £500, and is tenable with other emoluments.

The regulations for this studentship are:—

(1) The student will be elected by a selection committee appointed by the Trustees.

(2) The studentship will be open equally to men and women.

(3) Preference will be given, other things being equal, to a candidate offering to study the economic or social history of some country other than the country of his or her usual residence.

(4) The studentship will be tenable from October of the year of award for one year, with the possibility of renewal for a second year.

(5) Candidates for the studentship must submit with their applications full particulars of their qualifications, the names of

three referees and a scheme of study of some subject in social or economic history.

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

METCALFE STUDENTSHIP

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

The regulations for this studentship are:—

(1) The studentship is tenable at the School and is open to any woman who has graduated in any university of the United Kingdom.

(2) The successful candidate will be required to register as a student of the School and undertake research in some social, economic or industrial problem to be approved by the University. Preference will be given to a student who proposes to study a problem bearing on the welfare of women.

(3) The scholarship is tenable for one year in the first instance, but may be renewed for a second year.

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

LEON FELLOWSHIP

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

The regulations for this fellowship are:—

(1) Candidates need not be members or graduates of a university, but must be in possession of qualifications which would enable them to undertake advanced research work.

(2) A scheme of work must be submitted for the consideration of the selection committee.

(3) Candidates who are graduates must obtain nomination from the head of the institution with which they are connected.

(4) The fellowship is tenable for one year in the first instance, but may be renewed for a second year.

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

THE HENRY CHARLES CHAPMAN JUNIOR RESEARCH FELLOWSHIP

(1) The Institute offers a 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 Junior Research Fellowship was established and is maintained with the income from a bequest to the University by the late Mr. Henry Charles Chapman for promoting the study of the history of the British Commonwealth, its problems and world responsibility.

(3) The annual value of each Junior Research Fellowship will be in the range £375–£500 or such smaller sum as will ensure that the holder's total income from scholarships is not less than £375 a year. In addition tuition fees in the University of London incurred by the holder of a Fellowship for his approved programme of work may be defrayed by the Institute where these fees have not otherwise been provided for.

(4) The amount of the Fellowship will be payable in quarterly instalments, each instalment (with the exception of the first which will be paid in advance) being payable only on receipt by the Institute of a satisfactory report on the Fellow's progress and conduct.

(5) The Fellowship will normally be awarded to graduates of at least one year's standing of any University of the United Kingdom or elsewhere in the Commonwealth. Only graduates of at least two years' standing can be considered for a Fellowship of annual value higher than £375. It will be tenable for one year in the first instance, with the possibility of renewal for a second year at the discretion of the Committee of Management of the Institute. The holder of the Fellowship will be required to devote his full time to the subject of his research and, unless already registered for a higher degree in the University of London, will normally be required to register for such a degree.

(6) No application form is prescribed. Candidates should give full details of their school and University careers, state the proposed subject of research and submit a general scheme of work. They should also give the names and addresses of two persons to whom reference may be made, one of whom should, where possible, be the Supervisor of the candidate's research.

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

(8) Applications must reach the Secretary, Institute of Commonwealth Studies, 27 Russell Square, London, W.C.1, not later than 1 April.

UNIVERSITY POSTGRADUATE STUDENTSHIPS

A number of Postgraduate Studentships of £375 a year, plus tuition fees, will be awarded annually by the University provided candidates of sufficient merit present themselves.

The regulations for these studentships are:—

(1) Candidates may be internal or external graduates of the University, in any faculty.

(2) Candidates must have taken their first degree not more than three years previous to the date of the award. Time spent on National Service will not count in computing this period.

(3) The studentships are tenable for one year in the first instance, but may be renewed for a second year at the discretion of the Scholarships Committee of the University.

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

UNIVERSITY STUDENTSHIPS

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

The regulations for these studentships are:—

(1) The studentships are open to internal and external students and will be awarded on the results of the Final examination in each of the particular subjects.

(2) Successful candidates must satisfy the University of their intention to pursue a full-time course of advanced study or research and will be required to submit periodical reports on the progress of their studies during the tenure of their studentships.

(3) The holder of a studentship will normally be required to carry out his graduate work in a school or institution of the University.

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

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

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 £275[1] a year.

The regulations for this studentship are:—

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

(2) The holder of the studentship will normally be required to carry out graduate studies in a School or Institute of the University from the beginning of the University session following the award, and must satisfy the University of his intention to pursue a full-time course of research or of advanced study of a graduate nature directed towards a project of research.

(3) Candidates must submit a scheme of work for the approval of the University of London.

(4) The studentship will be awarded either for one year or for two years in the first instance.

(5) The award will be made by the Scholarships Committee following a competitive interview.

Application must be made on a prescribed form which should be submitted to the Secretary of the Scholarships Committee not later than 1 March in the year of the award and must be accompanied by the names of not more than two persons to whom reference may be made. Where possible one of the referees quoted should be supervising the

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

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.

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

UNIVERSITY POSTGRADUATE TRAVELLING STUDENTSHIPS

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

The regulations for these studentships are:—

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

Applications must be received by the Academic Registrar, University of London, W.C.1, by 1 March in the year of award. Further information can be obtained from the Academic Registrar.

DERBY STUDENTSHIP

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

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

GERSTENBERG STUDENTSHIP

A Gerstenberg Studentship is awarded annually by the University on the results of the Final examination in Economics. The value of the

studentship will be not less than £350 a year, plus tuition fees. Candidates wishing to be considered for the Gerstenberg Studentship should make application on their entry forms for the examination.

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

SCHOLARSHIP IN LAWS

One Scholarship in Laws, to the value of approximately £50, tenable for two years, will be offered annually by the University on the results of Part II of the Final examination in Laws. The selected student must satisfy the University of his intention to pursue a part-time course of advanced study or research. Candidates wishing to be considered for the scholarship should make application on their entry forms for the examination.

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

AWARDS FOR STUDY IN FRANCE AND GERMANY

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

RESEARCH FELLOWSHIPS IN HISTORY

(1) The Senate offers a number of Research Fellowships in History, tenable at the Institute of Historical Research, Senate House, W.C.1. The Fellowships will be of an annual value of £500, or such smaller sum as will ensure that the holder's total income from scholarships is not less than £500 a year.

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

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

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

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

JOSEPH SCHOLARSHIP

The Madge Waley Joseph Memorial Scholarship for women, founded in memory of the late Mrs. Madge Waley Joseph, will be awarded annually and will be of the value of about £40. The scholarship will be awarded alternately to a student of Bedford College and of the London School of Economics. It should be awarded to a student of the School in 1962.

The regulations for this scholarship are:—

(1) The scholarship is only open to women students.

(2) Candidates must pursue a one-year graduate course in Social Science in preparation for subsequent work in social service.

(3) Candidates must be nominated by the Director and nominations must reach the Academic Registrar not later than 15 June in the year of award.

(4) The scholarship will be tenable for one year.

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

CENTRAL RESEARCH FUND

The Senate of the University has at its disposal a Research Fund from which grants may be made to students of the University. Such grants will be made for specific projects of research, being intended to cover approved expenses and for the provision of materials and apparatus not otherwise available to the applicant.

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

ASSOCIATION OF CERTIFIED AND CORPORATE ACCOUNTANTS

(See page 146.)

Many scholarships, studentships and fellowships, for which students of the School are eligible, are offered by or are tenable at universities both at home and overseas. Particulars of these are posted on the Scholarships Notice-board in the Main Entrance to the School and more detailed information may be obtained from the Registrar.

MEDALS AND PRIZES

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

RAYNES UNDERGRADUATE PRIZE

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

ALLYN YOUNG PRIZE

A prize of £10 in memory of the late Professor Allyn Young will be awarded annually for the best performance in the papers in Economics and Elementary Statistical Theory by a student at Part I of the Final B.Sc. (Econ.) examination. The prize, which will be given in books, will only be awarded if an adequate standard of excellence has been attained.

SCHOOL PRIZES

In and after 1963, provided that candidates of sufficient merit present themselves, the School will award annually eight prizes of books to the value of £10 each to students who are reading for first degrees and whose work in their first year shows particular merit.

The prizes will be offered as follows:—

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

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

B.Sc. (Soc.)/B.A. with Honours in Sociology, Geography, History, Philosophy and Economics.

A prize will be awarded to the student who is adjudged to have done the best first year's work in each of these degree courses.

HUGHES PARRY PRIZE

The Hughes Parry Prize, of books to the value of about £10, may be awarded annually to a regular student of the School achieving an outstanding performance in the subject Law of Contract in the Special Intermediate Examination in Laws. This prize commemorates the work of Sir David Hughes Parry, Professor of English Law from 1930 to 1959 and first Director of the Institute of Advanced Legal Studies.

WILLIAM FARR PRIZE

Through the generosity of the late Mr. W. J. H. Whittall, a prize consisting of a medal and books is offered annually in memory of Dr. William Farr, C.B., F.R.S. The value of the books will be the remainder of the preceding year's income of the fund after provision of the medal and will not normally be less than £5. It will be awarded for proficiency and merit in the special subjects of Statistics or Computational Methods[1] at Part II of the Final B.Sc. (Econ.) examination, the award to be restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University of London.

THE GONNER PRIZE

A prize is offered annually in memory of the late Professor Sir Edward Gonner, Professor of Economic Science in the University of London from 1891 to 1922, and Director of Intelligence in the Ministry of Food from 1917 to 1921. The value of the prize will be the income of the fund for the year preceding the award and will not normally be less than £5 18s. 0d. It is awarded to a student who shows conspicuous merit in the special subject of Economics at Part II of the Final B.Sc. (Econ.) examination. The prize will be given in books, and is restricted to registered students of the School, who have pursued a course of study at the School as internal students of the University. It will only be awarded if there is a suitable candidate.

THE HILDA AND GEORGE ORMSBY PRIZES

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

The first of these prizes, to the value of £30, will be awarded for

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

an essay on an approved subject in the field of Geography and will be open for competition to all students of the School reading for a first degree. It will normally be awarded in June of each year. The subjects approved for the award will be announced annually in the Michaelmas Term, and essays of not more than 3,000 words in length should be submitted to the Registrar by 31 May.

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

PREMCHAND PRIZE

A prize of £20, awarded through the generosity of Sir Kikabhai Premchand of Bombay, is offered annually to a student who shows conspicuous merit in the special subject of Monetary Economics, at Part II of the Final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School, whose course of study has been pursued as internal students of the University. It will only be awarded if there is a suitable candidate.

ROTARY GOLDEN ANNIVERSARY PRIZE

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

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

HOBHOUSE MEMORIAL PRIZE

A prize of £10 founded in memory of the late Professor L. T. Hobhouse, Martin White Professor of Sociology at the School from 1907 to 1929, will be awarded annually to a student who shows conspicuous merit in the subject of Sociology. The prize, which will be given in books, is restricted to regular students of the School, who have pursued a course of study at the School as internal students of the University. It will only be awarded if an adequate standard of excellence has been attained.

MOSTYN LLOYD MEMORIAL PRIZE

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of £10 in memory of the late Mr. Mostyn Lloyd, who was head

of the Department of Social Science from 1922 until 1944. Through the generosity of Mrs. Lloyd the prize in the first years of award amounted to £20. It is awarded by the Director, on the recommendation of the head of the department of Social Science and Administration, to the best all-round student or students obtaining the Diploma in Social Administration in each year.

THE JANET BEVERIDGE AWARD

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

THE HARRIET BARTLETT PRIZE

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

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

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

GLADSTONE MEMORIAL PRIZE

The Trustees of the Gladstone Memorial Trust offer an annual prize of £30, one-half of which will be awarded in books, for an essay set within the terms of the Trustees' essay formula. This demands that "the subject of the Essay shall be connected with either History or Political Science or Economics, and with some aspect of British policy, domestic, international or foreign, in relation to finance or other matters, from the beginning of the 19th Century to the present time". The prize is open to all regular students registered at the School for the session preceding the date of entry, which will be 30 November in each year. The subjects of the essay are announced annually in the Lent Term. In considering the essays submitted, the committee of award will take into account the age and standing of the candidates.

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

ROSEBERY PRIZES

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

The prizes are open for competition to all students of the School reading for a first degree and will normally be awarded in June of each year. The subjects are announced in the Michaelmas Term of each session and essays of not more than 3,000 words in length should be sent to the Registrar by 31 May.

THE DIRECTOR'S ESSAY PRIZES

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

BOWLEY PRIZE

A prize, founded to commemorate the distinguished services to economic and statistical sciences of the late Professor Sir Arthur L. Bowley, Professor of Statistics in the University of London from 1915 to 1936, will be awarded once every three years. The value of the prize will be the income of the fund for the three years preceding the award and will not normally be less than £23. It will be open to present or past regular students of the School, who have registered for a period of at least two years and are within 10 years of their first graduation at any university, but allowance will be made for periods of National Service when deciding whether the candidate complies with this condition. The prize will be awarded in respect of work in the field of economic or social statistics, completed within four years prior to the closing date for entries. It will be awarded only if an adequate standard of excellence is attained.

The closing date for the next competition is 1 January 1963. The Committee of Award (established by the Standing Committee of the Court of Governors) will consist of one representative of the School, one of the Royal Statistical Society and one of the Royal Economic Society.

FIRST DEGREE COURSES

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

General Information

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

Bachelor of Science in Economics. (*Day and evening courses.*)
Bachelor of Laws. (*Day and evening courses.*)
Bachelor of Arts with Honours in the following subjects:— Anthropology, Geography, History, Philosophy and Economics, Sociology. (*Day courses only.*)
Bachelor of Science in Sociology. (*Day course only.*)

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

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

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

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

Evening Students

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

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

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

2. Degree of Bachelor of Science in Economics

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

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

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

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

On the following pages are set out details of the B.Sc. (Econ.) degree: Revised Regulations. Details of the Old Regulations appear on pp. 184 to 193 but no further registration under them will be permitted.

Revised Regulations

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

A student is eligible to present himself for the Part I examination after having satisfactorily attended approved courses extending over one academic year. Part II is normally taken at the end of the third year.

The examinations for Part I and Part II will normally be held annually in June and May respectively.

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

PART I

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

Subject.	No. of Papers.	Reference Nos. of Courses.
1. Economics	5	9, 25, 45
2. British Government: an Introduction to Politics		560
3. History, *either* (*a*) Economic History		260
or (*b*) Political History		289, 303

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

(1) Mathematics, *either* (*a*) Basic Mathematics	910–11
or (*b*) Intermediate Mathematics	912–13
(2) Elementary Statistical Theory	923–4
(3) Introduction to Logic	485, 485(A)
(4) Introduction to Scientific Method	486, 486(A)
(5) English Legal Institutions	380, 412
(6) Elements of Social Structure I[1]	833
(7) Structure of International Society I	501–2
(8) Methods of Social Investigation	920, 947
(9) Principles and Methods of Social Anthropology	640, 641, 660
(10) Psychology	703, 704, 709
(11) An Approved Modern Foreign Language	460–1
(12) Geography	185, 186
(13) Economic History of England from the Norman Conquest to 1485	273, 275
(14) Ethics as applied to Problems of Social Organisation	855
(15) Elements of International Law[2]	370, 405

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

SPECIAL SUBJECT IN PART II	ALTERNATIVE SUBJECTS IN PART I
I. Economics, Analytical and Descriptive.	Any two of the alternative subjects.
II. Monetary Economics.	Any two of the alternative subjects.
III. Industry and Trade[3]	(5) English Legal Institutions and *either* 3(*b*) Political History *or* (1) Mathematics (*a*) *or* (*b*) *or* (3) Introduction to Logic.
IV. Accounting.	(5) English Legal Institutions and *either* (1) Mathematics (*a*) *or* (*b*) *or* (2) Elementary Statistical Theory.
V. Economic History, Modern.	Any two of the alternative subjects.
VI. Economic History, Mediaeval.	Any two of the alternative subjects.
VII. Government.	Any two of the alternative subjects.

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

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

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

SPECIAL SUBJECT IN PART II	ALTERNATIVE SUBJECTS IN PART I
VIII. Sociology.	(6) Elements of Social Structure I and *either* (8) Methods of Social Investigation *or* (9) Principles and Methods of Social Anthropology.
IX. Statistics.	(1) (*b*) Intermediate Mathematics and *either* (2) Elementary Statistical Theory *or* (3) Introduction to Logic.
X. Computational Methods.	(1) (*b*) Intermediate Mathematics and *either* (2) Elementary Statistical Theory *or* (3) Introduction to Logic.
XI. International Relations.	Any two of the alternative subjects.
XII. Social Anthropology.	*Either* (9) Principles and Methods of Social Anthropology *or* (6) Elements of Social Structure I and any one of the other alternative subjects.
XIII. International History.	Any two of the alternative subjects.
XIV. Geography.	(12) Geography and any one of the other alternative subjects.

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

PART II Special Subjects

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

Subject.	No. of Papers.	Reference Nos. of Courses.
I. *Economics, Analytical and Descriptive*	8	
1. Political Thought		561
2. *One* of the following:—		
(*a*) History		
(i) Economic History		261
(ii) Political History		290, 304
(*b*) Mathematics A[1]		912–14
(*c*) Mathematics B		914–16
3. *One* of the following:—		
(*a*) Scientific Method		487, 487(A)
(*b*) Accounting—Management and Economic Aspects		133–4
(*c*) Theory of Statistical Methods		925, 927, 931–2, 958, 987
(*d*) Economic Geography		187
(*e*) An Approved Modern Foreign Language		462–3, 465–8
(*f*) Public Finance		58, 59, 63
(*g*) Elements of Statistical Theory and Methods[2]		923–5
(*h*) Constitutional and Administrative Law		389
(*i*) Elements of Commercial Law		381, 383, 384
(*j*) Banking Law		385
(*k*) International Law[3]		370, 405
(*l*) Elements of Social Structure II		833–4, 836
(*m*) Mathematics A *or* B (if not taken in 2 above)		912–14, *or* 914–16
(*n*) Structure of International Society II[1]		501, 503
(*o*) Mathematical Logic		—

Subject.	No. of Papers.	Reference Nos. of Courses.
4. Economic Principles		13, 17, 31, 102
5. Problems of Applied Economics		45–8, 50, 67, 940
6. Either		
(*a*) Economic Statistics		133, 940–2, *949*, 950, *951–3*
Or		
(*b*) Statistical Methods in Economics		19
7. Development of Economic Analysis		14
8. *One* of the following:—		
(*a*) History of Economic Thought		10
(*b*) Economics treated Mathematically		18, 20, 974–6, *990*
(*c*) Public Finance (if not taken in 3 above)		58, 59, 63
(*d*) Economics of Transport		170
(*e*) International Economics		102
(*f*) Industry and Trade		52, 55, 66
(*g*) Agricultural Economics		
(*h*) Economics of Labour		61
(*i*) Principles of Monetary Economics		82
(*j*) Business Finance		56–7, 63
(*k*) Economic Statistics (if not taken in 6 above)		133, 940–2, *949*, 950, *951–3*
II. *Monetary Economics*	8	
1. Political Thought		561
2. History		
(i) Economic History		261
(ii) Political History		290, 304
3. *One* of the following:—		
(*a*) Scientific Method		487, 487(A)
(*b*) Accounting—Management and Economic Aspects		133–4
(*c*) Economic Geography		189
(*d*) An Approved Modern Foreign Language		462–3, 465–8
(*e*) Constitutional and Administrative Law		389
(*f*) Elements of Commercial Law		381, 383–4
(*g*) Banking Law		385
(*h*) International Law[3]		370, 405
(*i*) Elements of Social Structure II		833–4, 836
(*j*) Elements of Statistical Theory and Methods[2]		923–5
4. Economic Principles		13, 31, 102
5. Problems of Applied Economics		45–8, 50, 67, 940
6. Principles of Monetary Economics		82, 90, 93
7. Monetary Institutions		80–2
8. *One* of the following:—		
(*a*) History of Economic Thought		10
(*b*) International Economics		102
(*c*) Economic Statistics		133, 940–2, 944, *949*, 950, *951–3*
(*d*) Public Finance		58, 59, 63

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

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

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
III. *Industry and Trade*	8	
1. Economic Principles		13, 31, 102
2. Political Thought		561
3. Economic Statistics and Business Accounts		133, 920–1, 940–2
4. Business Administration		—
5. Industry and Trade		52, 55, 65–6
6. *Either*		
(*a*) Labour, including Law of Labour and Social Insurance		381, 387, 414, 616
Or		
(*b*) Economics of Labour		61
7. Elements of Commercial Law		381, 383
8. *One* of the following:—		
(*a*) Accounting—Management and Economic Aspects		133–4
(*b*) Applied Statistics		943
(*c*) Business Finance		56–7, 63
(*d*) Economics treated Mathematically		18, 20, 974–6, *990*
(*e*) History of Economic Thought		10
IV. *Accounting*	8	
1. Political Thought		561
2. *One* of the following:—		
(*a*) History:		
(i) Economic History		261
(ii) Political History		290, 304
(*b*) Business Administration		—
(*c*) Mathematics A[1]		912–14
(*d*) Mathematics B		914–16
(*e*) Elements of Statistical Theory and Methods[2]		923–5
(*f*) Economics treated Mathematically		18, 20, 974–6, *990*
(*g*) Elements of Management Mathematics		920–1, 964–7, 972–3
3. Economic Statistics and Business Accounts		133, 920–1, 940–2
4. Economic Principles		13, 31, 102
5. *Either*		
(*a*) Problems of Applied Economics		45–8, 50, 67, 940
Or		
(*b*) Industry and Trade		52, 55, 66
6. Elements of Commercial Law		381, 383–4
7 and 8. Accounting		133–5
V. *Economic History, Modern*	8	
1. Economics		62, 68, *940*
2. Political Thought		561
3. English Economic History, 1485–1760		264–5, 278
4. English Economic History from 1760		265–6, 278
5 and 6. Economic and Political History of England in *one* of the following periods:—		
(*a*) *ca.* 1575–1642		267
or		
(*b*) 1830–1886		268

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
7. Economic History of the United States of America from 1783		270
8. *One* of the following:—		
(*a*) Economics of Transport		170
(*b*) English Constitutional History since 1660		562
(*c*) International History, 1815–1945		292–3, 307
(*d*) International Economic History, 1850–1945		302
(*e*) An Approved Modern Foreign Language		462–3, 465–8
(*f*) Scientific Method		487, 487(A)
(*g*) Social Philosophy		852, 856
(*h*) Elements of Social Structure II		833–4, 836
(*i*) Economic Statistics		133, 940–2, 944, *949*, 950, *951–3*
(*j*) Historical Geography		188, 202
(*k*) Political History		290, 304
(*l*) Social Aspects of Political and Economic Development		—
VI. *Economic History, Mediaeval*	8	
1. Economics		62, 68, *940*
2. Political Thought		561
3 and 4. Economic History of England and Western Europe in the Middle Ages		—
5 and 6. English Economic History, 1377–1485		—
7 and 8. *Two* of the following:—		
(*a*) English Constitutional History to 1485		—
(*b*) English Constitutional History since 1660		562
(*c*) Economic History of England, 1485–1760		264–5
(*d*) Economic History of England from 1760		265–6
(*e*) International History, 1815–1945		292–3, 307
(*f*) International Economic History, 1850–1945		302
(*g*) Economic History of the United States of America from 1783		270
(*h*) Mediaeval Political Text		—
(*i*) An Approved Modern Foreign Language		462–3, 465–8
(*j*) Scientific Method		487, 487(A)
(*k*) Historical Geography		188, 202
(*l*) Social Philosophy		852, 856
VII. *Government*	8	
1. Economics		62, 68, *940*
2. History:		
(i) Economic History		261
(ii) Political History		290, 304
3. *One* of the following:—		
(*a*) English Constitutional History since 1660		562
(*b*) Constitutional and Administrative Law		389
(*c*) International Institutions		507, 525
(*d*) History of Economic Thought		10
(*e*) Scientific Method		487, 487(A)
(*f*) An Approved Modern Foreign Language		462–3, 465–8
(*g*) Local Government of England and Wales		567, 567A
4. Political Thought		561
5. Political Thought (Set Texts)		—
6. The Politics and Government of the United Kingdom		563–5
7. Comparative Political Institutions		571, 573, 575–6

Subject.	No. of Papers.	Reference Nos. of Courses.
8. *One* of the following:—		
(*a*) Political Philosophy		587
(*b*) Contemporary Political Thought		588
(*c*) The Politics and Government of a Foreign or Commonwealth Country		3, 578, 581–3
VIII. *Sociology*	8	
1. Economics		62, 68, *940*
2. Political Thought		561
3. History:		
(i) Economic History		261
(ii) Political History		290, 304
4. Theory and Methods of Sociology		830–1, 841
5. Social Philosophy		852, 856
6. Social Structure of Modern Britain		844–5
7. Essay on a Sociological Subject		—
8. *One* of the following:—		
(*a*) Demography I		682–3
(*b*) Psychology		705–6, 710–11
(*c*) Criminology		*364*, 847–8, 849(a), 850–1
(*d*) Comparative Morals and Religion		832
(*e*) Political Sociology		837
IX. *Statistics*	8	
1. *Either*		
(*a*) Economic Principles		13, 31, 102
Or		
(*b*) Economics treated Mathematically		18, 20, 974–6, *990*
2. Political Thought		561
3. Mathematics B		914–6
4. Probability, Distribution and Sampling Theory		926, 930–1
5. Theory of Statistical Methods		925, 927, 931, 958, 987
6 and 7. *Two* of the following:—		
(*a*) Actuarial Statistics		955–6
(*b*) Demography II		680, 683
(*c*) Econometrics		949–954, 990
(*d*) Computer Programming and Numerical Analysis		960–2
(*e*) Social Statistics and Survey Methodology		947–9, 987
8. General Statistics		928–9, 940, 944–5, *962*, 990
and A practical examination on Papers 4–8		—
X. *Computational Methods*	8	
1. *Either*		
(*a*) Economic Principles		13, 31, 102
Or		
(*b*) Economics treated Mathematically		18, 20, 974–6, *990*
2. Political Thought		561
3. Mathematics B		914–16
4. Management Mathematics		965–6, 972–3
5. Computer Programming and Numerical Analysis		960–2
6 and 7. *Two* of the following:—		
(*a*) Accounting—Management and Economic Aspects		133–4
(*b*) Data Processing including Elements of Accounting		133, 135, 960, 964
(*c*) Probability, Distribution and Sampling Theory		926, 930–1

Subject.	No. of Papers.	Reference Nos. of Courses.
(*d*) Social Statistics and Survey Methodology		947–9, 987
(*e*) Elements of Statistical Theory and Methods[2]		923–5
8. General Statistics		928–9, 940, 944–5, 990
and A practical examination on Papers 4–8		962–3, 965–6
XI. *International Relations*	8	
1. Economics		62, 68, *940*
2. Political Thought		561
3. *Either*		
(*a*) History:		
(i) Economic History		261
(ii) Political History		290, 304
Or		
(*b*) International Law[3]		370, 400
4. International History, 1815–1945		292–3, 307
5. International Relations		500, 505, 508–11, 514, 516
6. International Institutions		507, 525
7 and 8. *Two* of the following:—		
(*a*) The Politics of International Economic Relations		508
(*b*) International Law (if not taken under 3)		307, 405
(*c*) International History (Special Period)		—
(*d*) The Problems of International Peace and Security		513, 519
(*e*) Philosophical and Psychological Aspects of International Affairs		505, 509–10, 520–1
(*f*) The Geographical and Strategic Aspects of International Affairs		513, 522
(*g*) The Interplay between Politics at the Domestic and International Levels		516, 523
(*h*) Sociology of International Law		517, 524
(*i*) *Either*		
(i) Political Philosophy		587
Or		
(ii) Contemporary Political Thought		588
Or		
(iii) An Approved Modern Foreign Language		462–3, 465–8
XII. *Social Anthropology*	8	
1. Economics		62, 68, *940*
2. *Either*		
(*a*) Political Thought		561
Or		
(*b*) Social Aspects of Political and Economic Development		—
3. History:		
(i) Economic History		261
(ii) Political History		290, 304
4. General Principles of Cultural and Social Anthropology		641–4, 649–50, 653, 660
5. Economic and Political Systems		641–9

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
6. Moral and Ritual Systems		641–9
7. Ethnography of a Special Area		655–9
8. Development of Social Anthropology		652
XIII. *International History*	8	
1. Economics		62, 68, *940*
2. Political Thought		561
3. *One* of the following:—		
(*a*) Economic History		261
(*b*) Structure of International Society II		501, 503
(*c*) International Law[3]		370, 405
(*d*) An Approved Modern Foreign Language		462–3, 465–8
(*e*) Historical Geography		188, 202
(*f*) Economic Geography		187
4. International History, 1494–1815		291, 305
5. Diplomatic Relations of the Great Powers, 1815–1914		292, 294–6, 305, 307
6. International History, 1914–1945		293, 307
7. *One* of the following:—		
(*a*) The Old Foreign Office, 1815–1861		298
(*b*) The Great Powers and Egypt, 1882–1888		299
(*c*) The Manchurian Crisis, 1931–1933		300
(*d*) Anglo-German Naval Diplomacy, 1933–1939		301
8. *One* of the following:—		
(*a*) International Institutions		507, 525
(*b*) International Economic History, 1850–1945[3]		302
(*c*) British–American–Russian Relations, 1815–1914		297
XIV. *Geography*	8	
1. Economics		62, 68, *940*
2. Political Thought[5]		561
3. History:		
(i) Economic History		261
(ii) Political History		290, 304
4. Physical Geography		191, 192
5. Economic Geography		187
6. The British Isles		189
7. Europe		190
8. *One* of the following:—		
(*a*) Political Geography		188
(*b*) Historical Geography		188
(*c*) Social Geography		188
(*d*) The Geography of an approved Region:—		
Either		
(i) North America		—
Or		
(ii) Monsoon Asia		—
Or		
(iii) Africa		—
(*e*) Economics of Transport		170

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

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

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

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

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

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

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

Old Regulations

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

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

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

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

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

the B.Sc.(Econ.) Examination by passing in his referred subject at a subsequent date.

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

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

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

PART I

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

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

are required to take *six* compulsory papers:—

	Reference Nos. of Courses.
Principles of Economics	—
Applied Economics	48–9
Political History	—
Economic History	259
Elements of Government	—
History of Political Thought	—

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

(1) (*a*) Elementary Statistical Method and Sources	—
or (*b*) Elementary Statistical Theory	—
(2) Mathematics	—
(3) Logic and Scientific Method	—
(4) Accounting	—
(5) Elements of English Law[1]	360, 411
(6) Elements of Social Structure	—
(7) The Structure of International Society	504
(8) Psychology	—
(9) Principles of Economic and Social Geography	—
(10) International Law	—
(11) An approved Modern Foreign Language	—
(12) Economic History of England from the Norman Conquest to 1485	275
(13) Physical and Biological Background of Human Geography	—

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

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

SPECIAL SUBJECT IN PART II	ALTERNATIVE PAPERS IN PART I
I. Economics, Analytical and Descriptive.	(1) (a) Elementary Statistical Method and Sources, or (b) Elementary Statistical Theory. (2) Mathematics. (3) Logic and Scientific Method. (4) Accounting. (5) Elements of English Law. (6) Elements of Social Structure. (9) Principles of Economic and Social Geography. (11) An approved Modern Foreign Language. (12) Economic History of England from the Norman Conquest to 1485.
II. Money and Banking.	Any two of the Alternative Subjects may be selected; but, without special permission, students will not be allowed to take Law of Banking in Part II unless they select Elements of English Law (Parts A and C) as one Alternative Subject.
III. International Economics.	Any two of the Alternative Subjects may be selected; but, without special permission, students will not be allowed to take Commercial Law in Part II unless they select Elements of English Law (Parts A and C) as one Alternative Subject.
VI. Economic History (Modern).	(1) (a) Elementary Statistical Method and Sources, or (b) Elementary Statistical Theory. (3) Logic and Scientific Method. (5) Elements of English Law. (6) Elements of Social Structure. (7) The Structure of International Society. (9) Principles of Economic and Social Geography. (11) An approved Modern Foreign Language. (12) Economic History of England from the Norman Conquest to 1485.
VII. Economic History (Mediaeval).	Identical with Economic History (Modern).
VIII. Government.	Any two of the Alternative Subjects may be selected.
IX. Sociology.[1]	(6) Elements of Social Structure and any other one of the Alternative Subjects.

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

SPECIAL SUBJECT IN PART II	ALTERNATIVE PAPERS IN PART I
X. Geography.	(9) Principles of Economic and Social Geography. (13) Physical and Biological Background of Human Geography.
XII. International Relations.[1]	(3) Logic and Scientific Method. (6) Elements of Social Structure. (7) The Structure of International Society. (8) Psychology. (9) The Principles of Economic and Social Geography. (10) International Law. (11) An approved Modern Foreign Language. (12) Economic History of England from the Norman Conquest to 1485.
XIII. Social Anthropology.	(1) (a) Elementary Statistical Method and Sources, or (b) Elementary Statistical Theory. (3) Logic and Scientific Method. (6) Elements of Social Structure. (8) Psychology. (9) Principles of Economic and Social Geography. (11) An approved Modern Foreign Language. (12) Economic History of England from the Norman Conquest to 1485.
XIV. International History.	Any two of the Alternative Subjects except (2) and (4).

(ii) Candidates who propose to offer one of the following Special Subjects in Part II of the Final Examination:—

IV. Industry and Trade
or V. Accounting

are required to take *five* compulsory papers:—

Principles of Economics.
Applied Economics.
Economic History.
History of Political Thought.
Elements of Government.

and the following *three* of the alternative papers:—

(1) (a) Elementary Statistical Method and Sources, or (b) Elementary Statistical Theory.
(4) Accounting.
(5) Elements of English Law.

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

(iii) Candidates who propose to offer:—

XI. Statistics

in Part II of the Final Examination are required to take *five* compulsory papers:—

Principles of Economics.
Applied Economics.
Economic History.
Elements of Government.
History of Political Thought.

and the following *three* of the alternative papers:—

Elementary Statistical Theory.
Mathematics.
Any one of the following:—
Political History.
Logic and Scientific Method.
Accounting.
Elements of English Law.
Elements of Social Structure.
Principles of Economic and Social Geography.
An approved Modern Foreign Language.

(iv) Candidates who propose to offer:—

XV. Computational Methods

in Part II of the Final Examination are required to take *five* compulsory papers:—

Principles of Economics.
Applied Economics.
Economic History.
Elements of Government.
History of Political Thought.

and the following *three* of the alternative papers:—

Elementary Statistical Theory.
Mathematics.
Accounting.

PART II Special Subjects

Subject.	No. of Papers.	Reference Nos. of Courses.
One of the following:—		
I. Economics, Analytical and Descriptive	5	
(i) History of Economic Thought		10, 28
(ii) Economic Theory		11, 12, 15, 16, 30
(iii) Applied Economics		29, 51, 53
(iv) *One* of the following:—		
(*a*) Public Finance		58–9, 63
(*b*) Economic and Social Problems, treated statistically		945
(*c*) Economic Statistics		38, 950–4, 974, 990
(v) *Either* (*a*) An Essay on a subject within the field covered by (i), (ii), (iii) and (iv) (*a*) above,		
or (*b*) Mathematical Economics		18, 38, 974, 976

Subject.	No. of Papers.	Reference Nos. of Courses.
II. Money and Banking	5	
(i) Monetary Theory		11, 37, 82–3, 89, 92
(ii) English Monetary and Banking History		81, 93
(iii) International Monetary Economics		85–8, 101
(iv) Comparative Banking Institutions		83–4
(v) *One* of the following:—		
(*a*) Public Finance		58–9, 63
(*b*) Business Finance		51, 56–7, 64
(*c*) Law of Banking[1]		385
III. International Economics	5	
(i) International Trade, Migration and Capital Movements		100, 101, 104
(ii) International Monetary Economics		82, 86–8, 101
(iii) An essay on the field covered by (i) and (ii).		
(iv) *One* of the following:—		
(*a*) Monetary Theory		11, 82, 92
(*b*) Business Administration		125–7
(*c*) Principles of Economic and Social Geography[2]		—
(*d*) International Law[2]		307, 405
(*e*) Economic and Social Problems, treated statistically		945
(*f*) Economic Statistics		950–4, 972–3
(v) *One* of the following:—		
(*a*) Public Finance		58–9, 63
(*b*) Commercial Law[1]		382, 413
(*c*) The Economics and History of Transport		171–4, 371–2
(*d*) An Approved Modern Foreign Language		—
(*e*) Mathematical Economics		18, 38, 974, 976
IV. Industry and Trade	5	
(i) Business Administration		125–8
(ii) Industry and Trade		53–4, 65–6, 171
(iii) Labour		55, 387, 414, 616
(iv) *One* of the following:—		
(*a*) Business Finance and Cost Control		51, 56–9, 64, 137
(*b*) Applied Statistics		128, 943
(*c*) Business Administration (Essay Paper)		—
(v) Commercial Law		382, 413
V. Accounting	5	
(i) Accounting		136–142, 955
(ii) Accounting		136–142, 955
(iii) Business Administration		125–8
(iv) Commercial Law		382, 413
(v) *One* of the following:—		
(*a*) Business Finance		51, 56–9
(*b*) Industry and Trade		53, 66

[1] Without special permission this cannot be taken by students who have not taken Elements of English Law (Parts A and C) at Part I.
[2] If not taken as an alternative subject at Part I.

Subject.	No. of Papers.	Reference Nos. of Courses.
(c) Applied Statistics		128, 943
(d) Public Finance		58–9, 63
(e) The Economics and History of Transport		171–4, 371–2
(f) Any Part I subject not taken in the Part I examination, if the timetable permits.		
VI. Economic History (Modern)	5	
(i) Economic History of England, 1485–1760		263, 265
(ii) Economic History of England, 1760–1939		265–6
(iii) *Either* English Economic History, 1485–1603 *or*		276
English Economic History, 1830–1876		277
(iv) Economic History of the United States of America from 1783		270–2
(v) *One* of the following:—		
(a) Historical Geography		202
(b) Constitutional History since 1660		562
(c) International History		292–3
(d) Social Philosophy		855–6
(e) Economic and Social Problems, treated statistically		945
(f) The Economics and History of Transport		171–4, 371–2
(g) Logic and Scientific Method[1]		485–6A
(h) An Approved Modern Foreign Language		—
VII. Economic History (Mediæval)	5	
(i) & (ii) Economic History of England and Western Europe in the Middle Ages		274
(iii) English Economic History, 1377–1485		274
(iv) Mediæval Political Ideas		590
(v) *One* of the following:—		
(a) English Constitutional History to 1485		338
(b) Constitutional History since 1660		562
(c) Economic History of England, 1485–1760		263, 265, 276
(d) Economic History of England, 1760–1939		265–6
(e) International History		292–3
(f) Economic History of the United States of America from 1783		270–2
(g) Social Philosophy		855–6
(h) Economic and Social Problems, treated statistically		945
(i) An Approved Modern Foreign Language		—
VIII. Government	5	
(i) A Special Period in the History of Political Ideas studied in relation to set books for that period. One of the following periods must be chosen:—		
(a) The Ancient World to c. 500 A.D.		589
(b) The Mediæval World, c. 500 to c. 1500		590
(c) European Political Thought: The Sixteenth Century		—

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

Subject.	No. of Papers.	Reference Nos. of Courses.
(d) European Political Thought: The Seventeenth Century		591, 591A
(e) European Political Thought, c. 1700 to c. 1815		592–3
(f) European Political Thought, c. 1800 to c. 1880		595, 595A, 597
(g) European Political Thought, from c. 1850		595–7
(h) American Political Thought		552
(ii) The Government of Great Britain (advanced)		564, 566–8
(iii) Comparative Government		570, 573–4A, 577
Detailed knowledge is required of the constitution and government of France, the United States of America and		
One of the following:—		
(a) The Governments of India, Pakistan and Ceylon		583
(b) The Governments of Canada, New Zealand, Australia and South Africa		579, 579A
(c) Selected European Governments		—
(d) The Government of Soviet Russia		390, 572, 572A
(e) The Government of the new and emergent states of the Commonwealth and of the French Community; illustrated from Africa, Malaya and the Caribbean		3, 578
(iv) Political and Social Theory		563, 586, 586A
(v) *One* of the following:—		
(a) Constitutional History since 1660		562
(b) Administrative Law[1]		368–399
(c) Public Finance		58–9, 63
IX. Sociology	5	
(i) General Sociology, i.e., Theories and Methods of Sociology		830–1, 841
(ii) The Social Structure of Modern Britain		753, 837, 842, 844
(iii) Social Philosophy		855
(iv) *One* of the following:—		
(a) Demography		682, 683
(b) Psychology		707, 711
(c) Criminology		847, 849 (b)
(d) A comparative study of		
either Marriage and the Family		—
or Morals and Religion		832
(v) An Essay on a subject within the field covered by (i), (ii) and (iii) above.		
X. Geography[2]	5	
(i) Advanced Economic Geography with special reference to Industry		194
(ii) Advanced Economic Geography with special reference to Agriculture		195–6
(iii) Advanced Regional Geography } (iv) Advanced Regional Geography }		193, 197–200

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
(v) *One* of the following:—		
(*a*) Historical Geography		202
(*b*) Political Geography		203
(*c*) Applied Geography		204
(*d*) Geomorphology		205
(*e*) Surveying and Cartography		206
(*f*) The Economics and History of Transport		171–4, 371–2
(*g*) Social Geography		207
XI. Statistics	5	
(i) Probability and Distribution Theory		926, 930–1
(ii) Theory of Statistical Methods		927, 930–1, *932*, *987*
(iii) Economic and Social Problems treated statistically		945
(iv) and (v) *Two* of the following:—		
(*a*) Demography		680–1, 683–4
(*b*) Actuarial Statistics		955–6
(*c*) Economic Statistics		38, 950–4, 972–5, 990–1
(*d*) Social Statistics		946–9, 987
(*e*) Numerical Analysis		960–2
(*f*) Computational Methods in Statistics, Economics and Accounting		964–6
(*g*) Mathematical Economics		18, 974–7
(*h*) Advanced Mathematics with Applications to Probability, Statistics and Economics		916, 916A
Candidates are also required to take a practical examination.		
XII. International Relations	5	
(i) International History, 1860–1945		292–6
(ii) International Relations		500, 505–6, 508, 509–12, 514–16
(iii) International Institutions		507, 508, 525
(iv) and (v) *Two* of the following:—		
(*a*) International Law[1]		370, 400
(*b*) International History (special subject)		300
(*c*) The Problem of International Peace and Security		508, 513, 519
(*d*) The Philosophical and Psychological Aspects of International Relations		505, 509–10, 520–1
(*e*) The Geographical and Strategic Aspects of International Affairs		513, 515, 522
(*f*) The Interplay between Politics at the Domestic and International Levels		516, 523
(*g*) Sociology of International Law		517, 524 and by intercollegiate arrangement
(*h*) *Either* Political and Social Theory *or*		586
An Approved Modern Foreign Language		—
XIII. Social Anthropology	5	
(i) General Principles of Social Anthropology		640–6, 649–50, 652–3
(ii) Economic and Political Systems of Simpler Societies		640–9
(iii) Moral and Ritual Systems of Simpler Societies		640–9
(iv) Ethnography of Special Areas		655–9

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

Subject.	No. of Papers.	Reference Nos. of Courses.
(v) *One* of the following:—		
(*a*) General Sociology		—
(*b*) Social Philosophy		855, 856
(*c*) Social Psychology		707, 711
(*d*) Principles of Economic and Social Geography[1]		
(*e*) Logic and Scientific Method[1]		485, 486A
(*f*) Demography		682, 683
(*g*) Social Statistics		946–9, 987
(*h*) An Approved Modern Foreign Language		—
XIV. International History	5	
(i) The Diplomatic Relations of the Great Powers, 1815–1914		292, 294–6, 306
(ii) International History, 1914–1945		293, 295, 301–2, 306
(iii) *One* of the following:—		
(*a*) The Old Foreign Office, 1815–1861		298
(*b*) The Great Powers and Egypt, 1882–1888		299
(*c*) The Manchurian Crisis, 1931–1933		300
(*d*) Anglo-German Naval Diplomacy, 1933–1939		301
(iv) *One* of the following:—		
(*a*) International Institutions		507, 525
(*b*) International Economic History, 1850–1945		302
(*c*) British-American-Russian Relations, 1815–1914		297
(v) An Essay on a subject within the field covered by (i) and (ii) above.		
XV. Computational Methods	5	
(i) Numerical Analysis		960–2, 964, 966
(ii) Computational Methods in Statistics, Economics and Accounting		960–2, 964, 966
(iii), (iv) and (v) *Three* of the following:—		
(*a*) Advanced Mathematics with Applications to Probability, Statistics and Economics		916
(*b*) Probability and Distribution Theory		926, 930–1
(*c*) Theory of Statistical Methods		927, 930–1, 932, 987
(*d*) Actuarial Statistics		955–6
(*e*) Economic Statistics		38, 950–4, 974, 990
(*f*) Mathematical Economics		18, 38, 974–7
(*g*) Accounting II		127, 137
(*h*) Logic and Scientific Method		485–6A

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

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

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

3. Degree of Bachelor of Laws

The School co-operates with King's College and University College in providing a complete course for the degree of LL.B. and students registered at the School have access to all the necessary lectures wherever given. The qualifications for entry on the degree course are exactly the same as those for the B.Sc. (Econ.) degree (see page 175).

INTERMEDIATE EXAMINATION

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
(*a*) Constitutional Law	1	360, 396
(*b*) The English Legal System	1	361, 395
(*c*) Elements of the Law of Contract	1	362, 397
(*d*) *either* (i) History and outlines of Roman Private Law	1	—
or (ii) Introduction to Economic and Political Institutions (two papers chosen from the subjects set out below):	2	
(a) Economics		8, 10, 26
and *either* (b) Economic History		262
or (c) Political History		562

Note: Students entering the School in and after October 1962 will be required to take Introduction to Economic and Political Institutions for Paper (d).

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

FINAL EXAMINATION

The LL.B. degree examination is divided into two parts, and normally candidates must pass Part I before they enter for Part II.

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

The marks obtained in Part I of the examination will be combined with those obtained in Part II for the purpose of the classification for Honours.

Candidates who have been referred in Part I of the examination are permitted to take the referred subject on one occasion alone or with Part II of the examination.

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

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
PART I		
I. Criminal Law *or* Indian Criminal Law	1	363, 364, 398 *or* 418
II. Law of Tort	1	365, 399
III. Law of Trusts	1	400, 415
IV. *One* of the following:—		
(*a*) English Land Law	1	366, 402
(*b*) Principles of the Law of Evidence		403, 421
(*c*) English Administrative Law		368, 404, 609
(*d*) Muhammadan Law		417
(*e*) Hindu Law		416
PART II		
I. Jurisprudence and Legal Theory	1	367, 401
II. *Three* of the following:—		
English Land Law (if not taken at Part I)	3	366, 402
Principles of the Law of Evidence (if not taken at Part I)		403, 421
English Administrative Law (if not taken at Part I)		368, 404, 608–9
Muhammadan Law (if not taken at Part I)		417
Hindu Law (if not taken at Part I)		416
Roman Law		420
History of English Law		369
Public International Law		370–1, 405
Conflict of Laws		373, 406
Conveyancing		419
Succession, Testate and Intestate		374, 407
Mercantile Law		375, 408
Industrial Law		376, 409
Law of Domestic Relations		377, 410

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see pages 200–202).

4. Degree of Bachelor of Arts

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

Applicants for admission to the B.A. Honours course must have satisfied the minimum entrance requirements of the University of

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

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

B.A. HONOURS IN ANTHROPOLOGY

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

	Reference Nos. of Courses.
1. General Principles of Cultural and Social Anthropology	640–9, 651–3, 660, 830, 832, 836, 855
2. Economic and Political Systems	
3. Moral and Ritual Systems	
4. Ethnography of a Special Area	655–9
5. The Evolution of Man	650, 654 and by Intercollegiate arrangement
6. Racial Variation among Living Peoples	
7. Archæological Study of the Development of Culture	
8. ONE of the following options:—	
General Linguistics	
Technology	
The Prehistoric Archæology of a Special Area	
Applied Anthropology (including Race Relations)	
Development of Social Anthropology (with special reference to Selected Texts)	
Human Genetics	
The Theory and Techniques of Archæology	

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

B.A. HONOURS IN GEOGRAPHY

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

Subject.	Reference Nos. of Courses.
1. Physical Geography	208–11, 216
2. Human Geography	214–5, 220
3. Mapwork	212–3, 219
4. The British Isles	217
5. Europe	218, 232
6. The regional geography of *one* of the following:—	
(i) Africa	199
(ii) Australia, New Zealand and Oceania	—
(iii) Latin America	—
(iv) Monsoon Asia	198
(v) North America	197
(vi) U.S.S.R.	—
7 and 8. *Two* papers to be chosen from the following optional subjects:—	
(i) Mathematical Geography and Surveying	221, 233
(ii) Geomorphology	222–3, 234–5
(iii) Meteorology and Climatology	224, 236
(iv) Plant Geography	225, 237
(v) Economic Geography	226, 238–9
(vi) Historical Geography	202, 227, 240–1
(vii) History of Geographical Science and Discovery	228, 242
(viii) Political Geography	203, 229, 243
(ix) Geography of Settlement	230, 244, 245
(x) Applied Geography	246
9. *Either* an additional paper chosen from the list of optional subjects under 7 and 8 *or* an independent geographical study of an approved topic to be presented in a form not exceeding 5,000 words in length	

Candidates will be required to provide evidence of satisfactory work in the field and also in certain practical aspects of surveying and mapwork.

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

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

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

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

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

Subject.	No. of Papers.	Reference Nos. of Courses.
1. English History down to the end of the 14th century	1	273, 325–6, 838
2. English History from the beginning of the 15th century to the middle of the 18th century	1	327–9
3. English History from the middle of the 18th century	1	330–1

Subject.	No. of Papers.	Reference Nos. of Courses.
4 and 5. Two of the following papers:—		
(*a*) European History from 400 to 1200	1	333
(*b*) European History from 1200 to 1500	1	332–3
(*c*) European History from 1500 to 1800	1	334, 334A
(*d*) European History from 1800	1	335
6. History of Political Ideas	1	336–7, 586
7. An Optional Subject	1	262, 264, 291–3, 297, 334, 336, 338–9, 340–3, and others by intercollegiate arrangements.
8. and 9. A Special Subject	2	344–7 and others by intercollegiate arrangements.
10. Passages for translation into English	1	

Note:—

The optional and special subjects are set out in the pamphlet *Regulations in the Faculty of Arts for Internal Students.* The School normally provides lectures and classes for the optional subjects of English Economic History; English Constitutional History; the Civilisation of the Renaissance in Italy, 1400-1550; and Diplomatic History, 1814–1945, and seminars or classes for the special subjects of Florence during the Renaissance, 1464-1530; the Economy of England in the Fifteenth Century; and the Eastern Question, 1875–1881.

B.A. HONOURS IN PHILOSOPHY AND ECONOMICS

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

	Reference Nos. of Courses.
1. Modern Philosophy from Bacon and Descartes to Kant	488–9, 498
2. Epistemology and Metaphysics	491–3
3. Logic and Methodology	485–7A
4. Ethics	490
5. Economic Theory	9, 11–13, 15–17, 27–8, 30–1
6. Applied Economics	29, 45–8, 51–3, 60
7. History of Economic Thought	10, 28
8. Modern Economic History, c. 1850–1939	260
9. *Either* (*a*) an Essay	—
or (*b*) The Philosophy of the Social Sciences with special reference to Economics	494

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

B.A. HONOURS IN SOCIOLOGY

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

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

	Reference Nos. of Courses.
OPTION I	
1. Theories and Methods of Sociology	830, 833, 833A, 841, 858
2. Statistical Methods in Social Investigation	922, 946–7
3. Comparative Social Institutions	640, 641, 836, 839
4. Ethics and Social Philosophy	852–5, 857
5. Social Psychology	703–7, 710–11
6. and 7. *Either* (*a*) Social Structure of Modern Britain (2 papers)	753, 837, 843–4, 846
or (*b*) Græco-Roman Civilisation (2 papers)	840
or (*c*) European Civilisation in the Middle Ages (2 papers)[1]	838, 839, 839A
8. and 9. Any two of the following:—	
(*a*) Social Structure and Social Change	835
(*b*) Social Policy and Social Administration	720–2, 724
(*c*) Comparative Morals and Religion	832
(*d*) Criminology	364, 847–8, 849(a), 850–1
(*e*) Demography	682, 683
OPTION II	
1. Theories and Methods of Sociology	830, 833, 833A, 841, 858
2. Comparative Social Institutions	640, 641, 836, 839
3. Ethics and Social Philosophy	852–5, 857
4. General Principles of Cultural and Social Anthropology	640–54, 832
5. Economic and Political Systems	640–54, 832
6. Moral and Ritual Systems	640–54, 832
7. Ethnography of a Special Area	655–9
8. Development of Social Anthropology (with special reference to selected texts)	642, 652
9. *One* of the following:—	
(*a*) Social Psychology	703–7, 710–11
(*b*) Demography	682, 683
(*c*) Statistical Methods in Social Investigation	922, 946–7

In addition to the above, candidates will be required to pass an examination at the end of the second year in a subsidiary subject, Economics. A candidate who fails in the subsidiary subject may be referred in that subject and permitted to re-enter for it on any subsequent occasion.

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

5. Degree of Bachelor of Science (Sociology)

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

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

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

ACCOUNTING

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

The scheme (which is voluntary and is not a condition precedent to entry to the profession) provides a means whereby it is possible to obtain within a period of 5¾ years both a university degree and a professional qualification. The course of study proposed, while affording the universities the medium for giving the student a liberal education and an intellectual discipline, is also intended to enable the student to understand the principles underlying his profession and to derive greater profit from his actual experience in the office.

The course in the University of London which students wishing to train for Accountancy would take is the day course for the B.Sc. (Econ.), with the special subject of Accounting, which is a three-year course of study. Students who have obtained this degree as full-time students, at their first attempt, may obtain exemption from the intermediate examination of the professional associations. Further information as to the structure of the degree may be found on pages 175–184.

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

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

Institute of Cost and Works Accountants

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

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

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

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

LAW

The Bar

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

(*a*) from Roman Law on passing in that subject at the Intermediate LL.B. examination;

(*b*) from Constitutional Law on passing in the papers in Constitutional Law and the English Legal System at the Intermediate LL.B. examination;

(*c*) from the Law of Contract and Tort on obtaining at least Second Class Honours standard in the Elements of Contract in the Intermediate examination and in Tort in Part I of the LL.B. Final examination;

(*d*) from the Law of Real Property on obtaining at least Second Class Honours standard in this subject in Part I;

(*e*) from Criminal Law on obtaining at least Second Class Honours standard in this subject in Part I.

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

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. In the case of those graduates who enter into articles prior to January

1963, the reduced period is three years. Thereafter it is two and a half years only.

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

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

BANKING

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

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

THE ACTUARIAL PROFESSION

Students who have obtained the B.Sc. (Econ.) degree with Mathematics (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 Entrance Examination and from certain papers in other parts of the examination of the Institute of Actuaries, depending on the standards reached in the degree examination. Further particulars can be obtained from the Institute. Students intending to enter the actuarial profession are advised to communicate with the Institute at an early stage in the degree course.

REGULATIONS FOR ACADEMIC DIPLOMAS

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

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

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

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

All students should read the pamphlet *Regulations for Academic Diplomas*, which may be obtained from the Academic Registrar, University of London, Senate House, W.C.1.

1. The Academic Postgraduate Diploma in Anthropology

The diploma course is open to:—

(*a*) Students of postgraduate standing whose undergraduate courses have, in the opinion of the University, included a suitable preliminary training.

(*b*) Students who, though not graduates, have satisfied the University that their previous education and experience qualify them to rank on the same level as graduates approved under (*a*) for this purpose.

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

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

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

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

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

Candidates are required to take the following:—

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

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

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

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

A. Social Anthropology (4 papers):—

(i) Social Structure (including kinship, local, political and economic organisation).
(ii) Religion and Magic, Education, Law.
(iii) Ethnography of a Selected Region (selection of the region to be approved by the University).
(iv) One of the following:—

(*a*) Technology;
(*b*) Elementary Linguistics (including phonetic notation and the structure of language);
(*c*) Applied Anthropology.

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

B. Physical Anthropology (4 papers):—

(i) Comparative survey of the Primates, human palæontology;
(ii) Anatomical, physiological and genetic variations in man;
(iii) Racial classification of modern man, anthropometric methods;
(iv) One of the following:—

(*a*) Primitive Psychology (including mental measurements, intelligence and aptitude tests);
(*b*) Pre-historic Archæology;
(*c*) Racial theories and problems.

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

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

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

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

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

The following courses are provided for the diploma at the School: 640–54, 655–60, 830, 832, 855.

2. The Academic Postgraduate Diploma in Law

The Diploma course is open to graduates of this or another approved University whose undergraduate courses or previous experience have, in the opinion of the University, included an approved preliminary training in Law. Before admission to the course a student must submit, for approval by the University, evidence of his qualifications.

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

A candidate may obtain the Academic Postgraduate Diploma in Law

EITHER

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

I. English Legal Method, *or*, with the permission of the University, one of the subjects for the time being which can be offered for the Master of Laws Examination.

II. *One* of the following:

(*a*) General Principles of the Law of Contract and Tort.
(*b*) General Principles of Equity.
(*c*) Elements of British Public Law.

III. *One* of the following:

(*a*) General Principles of the Law of Contract and Tort.
(*b*) General Principles of Equity.
(*c*) Elements of British Public Law.
(*d*) Conflict of Laws.
(*e*) Comparative Law.
(*f*) Muhammadan Law.
(*g*) Hindu Law.
(*h*) Elements of International Economic Law.
(*i*) Law of International Institutions.
(*j*) Shipping Law.

No candidate shall be entitled to select a subject from Group III which he has also selected from Group II. No candidate shall be entitled to take the examination in Shipping Law unless he also takes the examination in General Principles of the Law of Contract and Tort.

OR

(*b*) By passing the examination in English Legal Method, or, with the permission of the University, in one of the subjects for the time being which can be offered for the Master of Laws Degree Examination; and by submitting a dissertation which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically. The subject of the dissertation must be submitted for the approval of the University not later than 15 April for the next ensuing examination.

Every student entering for this Examination must apply, through the Graduate Office, for an entry form which must be returned duly filled in with the certificate of course of study thereon attested in accordance with the Regulations, together with the proper fee, not later than 1 June.

The fee is £15 for each entry. For candidates who submit a dissertation, the fee for re-examination in the written part only is £4. The fee payable on re-entry by a candidate who has been credited with the written part of the examination is £11.

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

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

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

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

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

3. The Academic Postgraduate Diploma in Psychology

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

Section A, Social Psychology

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

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

(*a*) Students who have obtained a B.A. Honours or B.Sc. (Special) degree in Psychology in this University, or a joint Honours degree in Psychology and Philosophy in this University, or an equivalent degree in an approved University.

(*b*) Students who have graduated in some other subject or subjects in this or another approved University, provided they have passed the qualifying examination in Psychology set by the University of London.

The subjects of the course are:—

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

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

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

The examination for the diploma will take place once in each year, beginning on the third Monday in June. Every student entering for this examination must apply, through the Graduate Office, for an entry form which must be returned duly filled in with a Certificate of Course of Study to the University by 15 April.

The fee is £15 for each entry.

4. The Academic Postgraduate Diploma in Public Administration

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

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

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

The subjects of the course are:—

	Reference Nos. of Courses.
Public Administration (two papers)	*560*, *566–7*, 568
and *three* of the following (one paper each):—	
Economics, with special reference to Public Finance	8, 26, 47, 58–9
Social and Political Theory	586
Statistics	920, 940, *946–7*
Social Structure	836, 839
Constitutional and Administrative Law	360, 368, *387*, 389

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

NOTE: Numbers in italics denote optional courses.

The examination consists of five three-hour papers on the subjects listed above. The essay must be of approximately 5,000 to 10,000 words.

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

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

Candidates will not be approved unless they have shown a competent knowledge in each of the four subjects and have satisfied the examiners in the essay. A candidate who enters for both parts of the examination at the same time and who fails to satisfy the examiners in one subject only may, on the recommendation of the examiners, be referred in that subject and be permitted to re-enter for examination in that subject alone, within not more than three years. A candidate who enters for both parts of the examination at the same time and satisfies the examiners in Public Administration and one other subject may, on the recommendation of the examiners, be credited with those subjects as Part I of the examination; if he satisfies the examiners in two subjects other than Public Administration, he may be credited with those subjects as Part II of the examination. Such candidates must complete the examination within not more than three years.

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

5. The Academic Postgraduate Diploma in Statistics

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

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

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

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

(i) B.A. Honours degree with First or Second Class Honours in Mathematics;

(ii) B.Sc. (Special) degree with First or Second Class Honours in Mathematics;

(iii) B.Sc. (General) degree with First or Second Class Honours including the subjects Mathematics (Pure and Applied) or Pure Mathematics and Statistics;

(iv) B.Sc. (Eng.) degree with First or Second Class Honours provided that a satisfactory standard is achieved in Mathematics;

(v) B.Sc. (Econ.) degree with First or Second Class Honours, with Mathematics at Part I.

(*b*) Graduates of this and other Universities with qualifications which are approved by the University.

(*c*) Other persons with qualifications which are deemed by the University to be equivalent.

The subjects of the courses are as follows:—

(*a*) Statistical Analysis and Probability;

(*b*) Advanced Statistical Theory;

(*c*) Practical Applications of Statistical Theory to Observational Data.

The examination will consist of:—

Part I

(i) Two papers on Statistical Theory and Probability. Each paper will be of three hours' duration.

(ii) A practical examination of not more than seven hours' duration in the application of Statistical Theory to Observational Data.

Part II

Either (iii) One paper of three hours' duration consisting of questions on each of two subjects selected for approval from the following list of specialised topics:—
(i) Analysis of time series; (ii) Multivariate analysis; (iii) Stochastic processes; (iv) Special problems in the design of experiments; (v) Some statistical topics connected with Operational Research; (vi) Sequential Analysis; (vii) Non-Parametric Methods; (viii) Theory and Practice of Sample Surveys. Other subjects may be submitted for approval.

or (iv) An essay on one subject selected for approval from the foregoing list of specialised topics.

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

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

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

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

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

REGULATIONS FOR DIPLOMAS AND CERTIFICATES AWARDED BY THE SCHOOL

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

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

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

1. Diploma in Economic and Social Administration

The London School of Economics and Political Science, with the aid of funds provided by the Ford Foundation, offers a course in Economic and Social Administration which has special reference to the needs of the " under-developed " countries.

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

Though Western ideas, institutions and experience are drawn on extensively in the teaching, they are viewed in terms of their possible application to the problems of less developed areas. Part of the Ford Foundation funds have been used to enable members of the academic staff to visit such areas, and use is made of their special knowledge and experience in seminars. Opportunity may also be provided during the

course for students to spend a short period in a central or local government department, or some other administrative agency in which they may be interested.

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

The course covers one academic year and runs from late September until the beginning of July. There are three main branches of teaching, namely economics, government and social administration with opportunities for specialisation within each. The course is open both to candidates who have had previous training in these subjects and to those who have not. Each student will choose an optional subject related to one of the three main subjects. Students will take an examination paper in each of the three main subjects; they will be examined in their optional subject either by means of a long essay or by an additional examination paper. Those who satisfy the examiners will be awarded a Diploma by the School. Students whose earlier studies have been appropriate may be allowed to proceed after the Diploma examination to a further course of study for a higher degree.

The syllabus will be treated in four series of special lectures and classes accompanied by an interdisciplinary seminar, but members of the course will also be encouraged to attend a variety of other lectures and seminars, selected to meet their particular needs. Examples of lecture courses which may be of particular interest are given on pp. 289–291 in Part III of the Calendar.

Applications for admission to the course should be sent to the Registrar, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2, by 30 April.

REGULATIONS

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

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

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

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

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

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

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

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

Provided that:—

(*a*) a candidate who, in the opinion of the tutors, is adequately qualified in Economic Analysis and Policy, Theory and Practice of Government or Social Structure and Policy may be allowed to substitute for the paper in that subject either a second paper on his special subject or a paper on a second special subject; and

(*b*) a candidate may be allowed by the tutors to substitute for an examination paper on a special subject an essay on the special subject, the essay to be considered by the examiners.

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

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

7. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate reaches the prescribed standard in each of three papers and the examiners do not consider his failure in the fourth

to be serious they may, at their discretion, declare him to be referred in that paper.

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

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

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

2. Diploma in Operational Research

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

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

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

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

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

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

REGULATIONS

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

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

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

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

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

One paper in *each* of

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

A candidate shall also be required to submit a written report on the practical work that he has undertaken. It must contain evidence to the

satisfaction of the examiners that the candidate in the course of his practical work (or, if the candidate has been exempted by the Director from the year's practical work, in the course of acquiring the experience in virtue of which he was so exempted)

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

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

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

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

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

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

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

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

10. A candidate who, for reasons which in the opinion of the Director are sufficient, fails to present himself for examination or who presents himself but fails to satisfy the examiners, may be a candidate for the whole of the examination on one, but not without the special permission

of the examiners more than one, further occasion. If on that occasion a candidate is referred in one paper Regulation 8 shall apply to him.

3. Diplomas in Social Administration

The diplomas are intended primarily for men and women who wish to prepare themselves for work in the field of the statutory or voluntary social services, or for personnel work in industry or commerce. The courses are designed to give a general education in the social sciences and are normally followed by further training leading to a professional qualification.

The teaching for the diplomas combines theoretical study of the social sciences and practical experience in the field of social administration and social work. The curriculum includes lectures and classes in Social Economics, Social and Industrial History, Social Policy and Social Administration, Psychology, and Sociology. Each student is assigned to a Tutor who is responsible for the general supervision of his studies. For tutorials and classes the students are required to do regular written work.

Field work in both statutory and voluntary agencies is arranged with the aim both of helping the students to gain a better appreciation of social conditions and social problems and of giving them an introduction to the practice of social work. This is undertaken during vacations. No additional fees are charged for field work but students are expected to meet their own maintenance, fares, and other incidental expenses. No figure can be laid down for these expenses. In their own interests students are advised to gain some experience outside London and they must therefore be prepared for the additional expense which may be involved. Students who hold a local authority grant may apply for a supplementary grant to cover their practical work expenses.

Diploma for Graduate Students

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

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Social Policy and Administration	1	567, 720–3, 727
The Economic and Social Background to Social Policy and Administration	1	724, 728
Psychology and Social Structure	1	700–2, 773, 833, 844

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

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

STUDENTS FROM OVERSEAS

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

REGULATIONS

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

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

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

and (*b*) he shall be a graduate of a university.

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

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

(1) Social policy and administration.

(2) The economic and social background to social policy and administration.

(3) Psychology and Social Structure.

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

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

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

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

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

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

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

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

Diploma for Non-Graduate Students

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

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
Elements of Social Analysis	1	833, 836, 844, 855, 947
Social Policy and Administration	1	567, 720–4, 727–8, 773, 847, 850
Psychology	1	700–2
Social Economics	1	8, 26, 45, 47–8, 60

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

Applicants for admission to the course for the Diploma in Social Administration for non-graduate students must have attained the age of 20 by 1 October immediately preceding the opening of the session for which they seek admission, and they must have completed a period of employment of approximately one year between leaving school and the date at which they wish to enter the department of Social Science and Administration. They must take an entrance examination for which there is a fee of £1, and those who reach the required standard in the examination may be called for an interview. If necessary arrangements can be made for the examination and the interview to take place overseas. Application forms can be obtained from the Department of Social Science and Administration and should be completed and returned by 31 January preceding the session in which admission is desired.

STUDENTS FROM OVERSEAS

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

REGULATIONS

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

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

(*a*) he shall have attained the age of 20 years on or before 1 October of the calendar year in which he is admitted;

and (*b*) he shall, since leaving school, have completed to the satisfaction of the head of the department of Social Science and Administration (hereinafter in these Regulations referred to as the head of the department) a period of employment or other suitable experience of approximately one year's duration.

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

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

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

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

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

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

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

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

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

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

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

4. Diploma in Personnel Management

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

examination and the interview to take place in their own countries. The closing date for applications for candidates who are overseas is 1 January, 1 March for oversea candidates who are in the United Kingdom and 1 June for United Kingdom candidates. If vacancies are available, however, applications will be considered up to 1 July from applicants who are exempt from the entrance examination.

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

Application forms and further particulars can be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, London, W.C.2.

REGULATIONS

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

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

(*a*) he is a graduate of a university
or (*b*) he holds a Certificate or Diploma in Social Science
or (*c*) he has attained the age of 24 years, and, having had considerable industrial or commercial experience, satisfies the examiners in the entrance examination for the course.

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

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

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

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

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

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

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

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

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

5. Diploma in Applied Social Studies

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

The main subjects of study are human growth and development,

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

Field work teaching undertaken in various social agencies forms an essential part of the course and is closely integrated with the theoretical part of the studies. Individual tuition is given in both the theoretical and field work parts of the course. The students normally have two field work placements of substantial duration. The second of these is in the field in which they intend to work after qualifying. The course is run in co-operation with the Institute of Almoners, the Central Training Council in Child Care and the Probation Advisory and Training Board (Home Office). Students also accepted by either the Central Training Council in Child Care or the Probation Advisory and Training Board are eligible for grant-aid in the normal way. Medical social work students who are not grant-aided by their local education authority may be considered for a bursary from the Ministry of Health. Students who undertake child care, probation or medical social work respectively in their second field work placement are, on successful completion of the course, recognised by the appropriate body as being qualified in that particular branch of social work, as well as in casework as such. They will also be able later to transfer from one branch to another after a short period of preparation for the new work. Applications are also welcomed from candidates who wish to train in family casework but not necessarily to specialise in one of those branches already mentioned. Where necessary, grant-aid may be available from local education authorities for such candidates.

The closing date for applications is 31 January in the year in which admission is desired. Further particulars may be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2. Letters should be clearly marked " Applied Social Studies Course ".

REGULATIONS

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

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

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

and (*b*) he holds a University Degree, Diploma or Certificate in the Social Sciences, approved for this purpose by the head of the department of Social Science and Administration.

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

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

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

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the head of the department.

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

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

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

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

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

Diploma. The recommendation of the examiners shall be considered by the Academic Board.

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

6. Diploma for Social Workers in Mental Health

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

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

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

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

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

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

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

The closing date for applications is 31 January in the year in which admission is desired. Further particulars may be obtained from the Social Science Department, London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2. Letters should be clearly marked "Mental Health Course".

REGULATIONS

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

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

either (*a*) he shall have attained the age of 22 years on or before 1 October of the calendar year in which he is admitted;

and (*b*) he holds a University Degree *or* a Diploma or Certificate in the Social Sciences;

and (*c*) he has experience of social work or work of a similar nature;

or (*d*) he has attained the age of 25 years and has satisfied the head of the department of Social Science and Administration, hereinafter referred to as the head of the department, that he is adequately qualified:

(i) by experience of social work or work of a similar nature,

and (ii) by reason of having followed a systematic course of study in the Social Sciences.

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

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

1. Mental Disorder.
2. Mental Health in Childhood and Adolescence.
3. Casework and Administration.
4. Current Psychological and Social Problems.

5. In order to qualify for the award of the Diploma each candidate shall be required to complete field work of such nature, duration and standard as may be prescribed by the head of the department.

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

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

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

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

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

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

7. Certificate in International Studies

A certificate is awarded to students of relatively advanced standing

who wish to devote the whole of their time to subjects within the general field of international relations.

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

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

Further particulars may be obtained from the Registrar.

The subjects for examination are:—

Subject.	No. of Papers.	Reference Nos. of Courses.
I. Prescribed Subjects.		
Diplomatic History, 1815–1939	1	292–3
International Relations (General)	1	500, 508–10, 512–3, 515, 516, 528
International Institutions	1	507
General Economics; and the Economic Factor in International Affairs	1	8, 26, 101, 508, 527
International Law	1	370, 526
II. Optional Subjects.		
One subject from among the following:—	1	
(i) English Political and Constitutional History since 1660		562
(ii) British Public Administration		560, 564, 565
(iii) Elements of English Law		360, 380–1
(iv) Maritime Law and The Law of Marine Insurance		—
(v) The Geographical Factor in International Relations		515
(vi) The Commercial Development of the Great Powers		260
(vii) Comparative Constitutions and Comparative Government		564, 573–5, 577
(viii) The Technique and Procedure of Diplomacy ..		506
(ix) Colonial Government and Administration ..		—
(x) The External Affairs of the Countries of the Commonwealth		—

THE GRADUATE SCHOOL AND REGULATIONS FOR HIGHER DEGREES

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

Nearly 900 students were registered in the Graduate School in session 1961–62. Special provision is made for them by way of attachment for individual supervision to appropriate teachers of the School, by advanced lectures, graduate seminars, individual library facilities and a Research Common Room.

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

The appropriate lectures and seminars, even where specially reserved for graduate students, are to be found in the general lecture list in Part III of the Calendar, so far as they have been arranged in advance. Similarly, the section on the Library includes the special facilities and privileges of research students as well as those they enjoy in common with other students. (See particularly, pp. 265–269). The Research Students' Common Room and Research Students' Association arrangements are described on pp. 280–281.

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

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

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

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

Higher Degrees

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

THE HIGHER DOCTORATES

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

EXTERNAL HIGHER DEGREES

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

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

Regulations for Higher Degrees of the University of London

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Size of paper, quarto approximately 10 inches by 8 inches, except for drawings and maps on which no restriction is placed. A margin of $1\frac{1}{2}$ inches to be left on the left-hand side. Bound in a standardised form as follows:—Art vellum or cloth; overcast; edges uncut; lettered boldly up back in gold ($\frac{1}{4}$ inch to $\frac{1}{2}$ inch letters), DEGREE, DATE, NAME; short title written or printed neatly and legibly on the front cover.

[The name and address of a firm of bookbinders in London, who will bind theses to this specification at a cost of 16s. a copy, may be obtained from the Academic Registrar, University of London, Senate House, W.C.1.]

12. A student who fails to pass the higher degree examination will be required on re-entry for the examination to comply with the regulations in force at the time of his re-entry.

The Degree of Doctor of Philosophy

(See also the section above on common regulations)

1. The standard of the Ph.D. degree is definitely higher than that of the M.A. and M.Sc. degrees in the same subject.

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

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

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

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

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

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

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

(iii) In the Faculty of Laws, he must either have obtained the LL.B. with First Class Honours or the LL.M. of London University or a degree of another university, assessed by London University as equivalent to one of these. Only in exceptional circumstances may exemption from this requirement be granted.

4. No student who is or has been registered as an internal student for the Ph.D. degree will be permitted to proceed to the Ph.D. degree as an external student, except in special cases and with the approval of the Academic Council.

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

Courses of Study

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

(*a*) a course of not less than two academic years of full-time training in research and research methods, or

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

N.B.—Students registering for the Ph.D. degree at any time other than the beginning of a session will be required to pursue a full-time course of not less than two calendar years, or a part-time course of not less than two and not more than four calendar years. In the Faculties of Engineering and Science, it will be interpreted as two calendar years.

7. A Research Student engaged in teaching work in a School of the University or elsewhere may be accepted as a full-time student, provided that the total demand made on his time, including any preparation which may be required, does not exceed six hours a week.

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

9. Not later than one calendar year before the date when he proposes to enter for the examination the student must submit the subject of his thesis for approval by the University. The University will at the time of the approval of the subject of a thesis inform the candidate of the faculty within whose purview the thesis will be deemed to fall. After the subject of the thesis has been approved it may not be changed except with the permission of the University.

Except with the special permission of the Academic Council an Internal student will not be permitted to register concurrently for more than one degree, diploma or certificate, nor for any combination of these awards. No student who is registered as an External student may be registered concurrently as an Internal student.

THESIS

10. After completing his course of study every candidate must submit a thesis which must comply with the following conditions:—

(*a*) The greater portion of the work submitted therein must have been done subsequently to the registration of the student as a candidate for the Ph.D. degree.

(*b*) It must form a distinct contribution to the knowledge of the subject and afford evidence of originality, shown either by the discovery of new facts or by the exercise of independent critical power.

(*c*) It must be written in English and be satisfactory as regards literary presentation, and if not already published in an approved form, must be suitable for publication, either as submitted or in an abridged form. In the Faculty of Economics and in the Faculty of Arts (Anthropology), the thesis should be not more than 75,000 words in length, unless permission to exceed this limit has been granted by the University.

11. The thesis must consist of the candidate's own account of his research. It may describe work done in conjunction with the teacher who has supervised the work provided that the candidate clearly states his personal share in the investigation, and that this statement is certified by the teacher. In no case will a paper written or published in the joint names of two or more persons be accepted as a thesis. Work done conjointly with persons other than the candidate's teacher will be accepted as a thesis in special cases only.

12. The candidate must indicate how far the thesis embodies the result of his own research or observation, and in what respects his investigations appear to him to advance the study of his subject.

ENTRY FOR EXAMINATION

13. Every candidate must apply to the Office of the Graduate School for a form of entry, which when completed and countersigned by the School authorities must be sent to the University together with the proper fee not earlier than six months before he is eligible to submit his thesis for examination.

14. Every candidate must produce a certificate from the authorities of his College or School stating that he has studied to their satisfaction for the prescribed period. The certificate must be submitted before, or at the same time as the thesis is submitted. The thesis may be submitted on or after the first day of the month following that in which the prescribed course of study is completed. A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 June of the relevant year.

A candidate who will not be ready to submit his thesis at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of his course. A candidate who does not submit his form of entry within one calendar year must apply again to the University for admission to the examination if he still desires to proceed to the degree.

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

15. The candidate is also invited to submit as subsidiary matter in support of his candidature any printed contribution or contributions to the advancement of his subject which he may have published independently or conjointly. In the event of a candidate submitting such subsidiary matter he will be required to state fully his own share in any conjoint work.

EXAMINATIONS

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

17. If the thesis is adequate the examiners shall examine the candidate orally and at their discretion by printed papers or practical examinations or by both methods on the subject of the thesis and, if they see fit, on subjects relevant thereto; provided that a candidate for the Ph.D. degree in the Faculty of Arts who has obtained the degree of M.A. in the same subject in this University shall in any case be exempted from a written examination.

18. If the thesis is adequate but the candidate fails to satisfy the examiners at the oral, practical or written examination held in connection therewith, the examiners may recommend to the Senate that the candidate be permitted to re-present the same thesis and submit to a further oral, practical or written examination within a period not exceeding eighteen months specified by them. The fee payable on re-entry to the Ph.D. Examination by any referred candidate will in future be half the normal entry fee.

19. If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may recommend to the Senate that the candidate be permitted to re-present his thesis in a revised form within eighteen months from the decision of the Senate with regard thereto and the fee on re-entry, if the Senate adopt such recommendation, shall be half the fee originally paid. Examiners shall not, however, make such recommendation without submitting the candidate to an oral examination.

20. For the purposes of the oral, practical or written examination held in connection with his thesis the candidate will be required to present himself at such place as the University may direct and upon such day or days as shall be notified to him.

21. Work approved for the degree of Ph.D. and subsequently published must contain a reference, either on the title page or in the preface, to the fact that the work has been approved by the University for the award of the degree.

Master's Degrees

GENERAL NOTE ON REGULATIONS FOR MASTER'S DEGREES

(See also section on Common Regulations)

(1) A student is required to register before proceeding to a Master's degree as an Internal Student.

(2) The following are eligible to apply for registration for a Master's degree:

(i) A graduate of London University who has obtained his first degree either as an Internal or External Student;
(ii) A person who has obtained a degree in another University;
(iii) A person who has obtained an approved diploma in certain approved educational institutions of University rank.

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

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

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

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

(7) A student required to follow an approved course of study must apply for registration on the prescribed form through the Office of the Graduate School. A student NOT required to follow an approved course must also apply for registration through the Office of the Graduate School *if* he is registered at the School.

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

(9) Students required to enter for a special examination or for the whole or a part of an examination for a lower degree as a qualification for admission to the examination for a Master's degree, will generally be required to pass such qualifying examination at least one year before entry to the examination for the Master's degree. The lower degree, however, will not be granted to such persons.

(10) A candidate registered for the Master's degree who subsequently desires to proceed instead to the Ph.D. degree must apply through the authorities of his college, school or institution for permission to do so. A full-time student may be granted retrospective registration for another degree in respect of four terms, and a part-time student in respect of seven terms, of his previous course of study.

(11) A student registered for a Master's degree and required to pursue an approved course of study must, when he applies to be examined for the degree (by completing an entry form obtainable from the Office of the Graduate School), produce a certificate from the authorities of the School stating that he has studied to their satisfaction for the minimum period prescribed by the University.

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

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

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

Except as provided below, no person shall be admitted as a candidate for the degree of M.Sc. (Econ.) as an Internal Student until after the expiration of two academic years from the time of his obtaining the B.Sc. (Econ.), B.Sc. (Soc.), B.Com. or B.Sc. (Estate Management) degree

of London University as an Internal Student; nor, in the case of a candidate registered under the Regulations for Postgraduate Students proceeding to a higher degree, until he has completed a course of higher study in accordance with those Regulations.

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

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

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

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

Geography—

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

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

Economic History—

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

Political Science—

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

Sociology—

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

Social Administration—

Social Administration.
Comparative Social Administration.

Anthropology—

History of social anthropological theory.
Social systems of simpler societies.
Economic systems of simpler societies.
Government and law in simpler societies.
Ritual systems of simpler societies.
Applied anthropology.

Economics (including Banking, Commerce and Business Administration)—

The General History of Economic Thought.
Advanced Economic Theory.
The Theory of Output and Employment.
The Theory of Prices (including its history since 1870).
The Distribution of Income (between economic categories and between persons, including the history of the theory and some acquaintance with the relevant statistics in modern times).

Capital and Interest.
The Economics of Population (including the history of the theory and some acquaintance with vital statistics in modern times).
Mathematical Economics.
The Economic Functions of the State.
International Economics.
Public Finance.
Problems of Monopoly (theoretical and descriptive).
The Economics of Labour.
Industrial Relations.
Monetary and Banking Theory (historically and comparatively treated).
The History, Present Organisation and Problems of Money and Banking (treated comparatively).
An Approved Period of Monetary and Banking History.
The Organisation of Industry.
The Economics of Industry.
Business Administration.
Economics and Organisation of Public Enterprise.
Business Finance.
Economic Problems in Agriculture.
The Economics of Transport.
Financial Management (including Accounting).
Economic Aspects of Social Institutions.
Economic Growth (with particular reference to the problems of under-developed countries).
Land Economics.
Marketing.
Economic Problems of a Particular Region.
Mathematical and Statistical Methods in Economics.

Statistics—

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

International Relations—

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

International Law—

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

International History—

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

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

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

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

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

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

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

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

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

The thesis for the M.Sc. (Econ.) degree is to be not more than 40,000

words in length, unless permission to exceed this limit has been granted by the University.

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

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

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

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

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

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

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

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

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

Details of Examination

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

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

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

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

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

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

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

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

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

Anthropology

All candidates, before proceeding to the M.A. examination in a branch of Anthropology, will be required to have passed the B.A. honours examination in Anthropology, unless in any special cases the

University, on the report of the Board of Studies in Anthropology, grants exemption from the general rule.

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

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

Geography

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

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

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

(i) M.A. in Geography without Thesis

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

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

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

The examination shall consist of:—

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

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

(ii) M.A. in Geography with Thesis

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

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

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

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

History

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

The examination will consist of (*a*) a thesis, and (*b*) an oral examination which will include a test of the candidate's knowledge of the general background of his thesis.

A candidate will be permitted to enter at any time during the year provided that he has completed the prescribed course of study, or provided that the prescribed interval has elapsed from the date of his obtaining the B.A. degree as an Internal Student. A candidate will be permitted

to submit his entry form and fee not earlier than six months before he is eligible to submit his thesis for examination.

A candidate who is required to pursue a course of study extending over a specified number of academic years will be permitted to submit his thesis on or after 1 May in the year in which the course of study is completed.

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

If the thesis, though inadequate, shall seem of sufficient merit to justify such action, the examiners may, after having examined the candidate orally, recommend the University to permit the candidate to re-submit the thesis in a revised form within 12 months from the decision of the University with regard thereto. The Examiners may, if they so desire, require the candidate to submit to a further oral examination when he presents the revised thesis for examination.

Psychology

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

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

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

Sociology

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

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

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

One paper connected still more closely with the thesis.

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

Except as provided below no candidate shall be admitted to the examination for the degree of LL.M. as an Internal Student until after the expiration of *two calendar years* from the time of his obtaining the LL.B. degree as an internal student or the Academic Postgraduate Diploma in Law of this University. Candidates other than internal graduates in the Faculty of Laws of this University must pursue a course of study extending over not less than *two calendar years*.

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

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

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

A candidate submitting a dissertation must forward to the University by 1 September three type-written (*one* of which must be the typescript itself and *not* a carbon copy), or printed copies of his dissertation and a short abstract (3 copies) thereof, comprising not more than 300 words. The fee for each entry for the whole examination is £21. The fee for entry for written papers and dissertation taken separately is £10 10s. for each entry.

A candidate may obtain the LL.M. degree either

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

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

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

I. Examination without Dissertation

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

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

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

II. Examination with Dissertation

(1) The candidate must submit a dissertation which must be written in English[1] and be a record of original work or other contribution

[1] LL.M. Dissertations should, where appropriate, contain:—
(i) An alphabetical table of cases;
(ii) A chronological table of statutes;
(iii) A bibliography, covering books and articles;
and each page should be numbered.

to knowledge in some branch of Law. The subject of the dissertation must be submitted for the approval of the University not later than 15 April for the next ensuing Examination.

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

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

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

DATES OF EXAMINATIONS

(INTERNAL STUDENTS)

1962–1963

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

Note.—Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

B.Sc. (Econ.) Final, Part I (Revised Regulations).
- Entry closes .. .. 1 February 1963
- Examination begins .. .. .. 13 June 1963

B.Sc. (Econ.) Final, Part II (Old Regulations).
- Entry closes .. .. 1 February 1963
- Examination begins .. .. .. 6 June 1963

B.Sc. (Soc.).
- Entry closes .. .. 1 February 1963
- Examination begins .. .. .. 6 June 1963

M.Sc. (Econ.).

December Examination
- Entry closes .. .. 15 September 1962
- Examination begins .. .. .. 3 December 1962

May Examination
- Entry closes .. .. 1 February 1963
- Examination begins .. .. .. 27 May 1963

LL.B. Intermediate (Special).
- Entry closes .. .. 25 March 1963
- Examination begins .. .. .. 3 June 1963

LL.B. Intermediate (General).
- Entry closes .. .. 29 August 1962
- Examination begins .. .. .. 24 September 1962

LL.B. Final (Pass and Honours).
- Entry closes .. .. 1 February 1963
- Examination begins .. .. .. 10 June 1963

LL.M.
- Entry closes .. .. 1 June 1963
- Examination begins .. .. .. 16 September 1963

B.A. Final.
- Entry closes .. .. 15 February 1963
- Examination begins .. .. .. 27 May 1963

M.A.

December Examination
- Entry closes .. .. 15 September 1962
- Examination begins .. .. .. 3 December 1962

May Examination
- Entry closes .. .. 1 February 1963
- Examination begins .. .. .. 27 May 1963

Academic Postgraduate Diploma in Anthropology.
- Entry closes .. .. 15 March 1963
- Examination begins .. .. .. 10 June 1963

Academic Postgraduate Diploma in Law.
- Entry closes .. .. 1 June 1963
- Examination begins .. .. .. 16 September 1963

Academic Diploma in Public Administration.
- Entry closes .. .. 15 April 1963
- Examination begins .. .. .. 24 June 1963

Academic Postgraduate Diploma in Psychology.
- Entry closes .. .. 15 April 1963
- Examination begins .. .. .. 17 June 1963

Academic Postgraduate Diploma in Statistics
- Entry closes .. .. 20 March, 1963
- Examination begins .. .. .. 17 June, 1963

SPECIAL COURSES

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

Department of Business Administration

One-Year Graduate Course of Training in Business Administration

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

The course requires full-time study for the whole session, which extends from October to July and no outside work can be undertaken by the students. The curriculum includes economics, with special reference to business problems, business administration, labour, finance, industrial production and distribution, market research, statistics, and accounting. In the teaching work full use is made of materials drawn from the actual problems and practice of business, the course being conducted largely in the form of discussion classes. Students visit factories, shops, and offices, and prepare reports on what they have seen. (For scheme of study see courses Nos. 150 to 161.)

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

of Science and Technology. Research into problems of Business Administration may also be undertaken by graduate students wishing to proceed to the degree of Ph.D. For further particulars of arrangements for higher degree students, see pages 232–253.

Conditions of Admission

1. Since the Department's one-year course is conducted at a graduate level, students must as a rule be university graduates, though duly qualified non-graduates may also be admitted (see paragraph 4 below).

2. All applications for admission will be considered by the Head of the Department, Sir Arnold Plant, Sir Ernest Cassel Professor of Commerce (with special reference to Business Administration) in the University of London. Candidates must be available for interview if required.

3. Candidates who are graduates must hold degrees from British universities or degrees of equivalent standing from universities overseas.

4. The usual qualifications for non-graduates are a good general education of not less than university entrance standard, not less than three years of practical experience during which they have held positions involving some responsibility, and attainment of the age of 25. Before being admitted to the Department's course, non-graduates may be required to undertake and achieve a prescribed standard in an approved course of study either at the London School of Economics or elsewhere.

5. For details of the scholarships available to graduate students, see pages 152–167. In case of serious financial difficulty it may be possible to assist students from the Manor Trust Fund (see page 159).

For details of fees, see page 137.

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

Course of Economics for Engineers and Applied Scientists

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

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

The lectures are held each week of term on Tuesdays from 10 a.m. to 1 p.m. during the Michaelmas and Lent Terms. (For scheme of study see page 321.)

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

Course in Industrial Financing

The London School of Economics and Political Science, in collaboration with the British Council, and with the support of H.M. Treasury, the Bank of England and representatives of finance and banking houses and corporations, offers a course of study and observation in the principles and practice of the financing of industrial and other development.

The course has been specially designed for experienced officials of oversea Government Finance or Development Corporations, Ministries, Nationalised Industries, and Central Banks.

The course will draw on the experience of the London capital market, which, with its variety of institutions, its role in international finance and its close association with industry and commerce, is well situated to illustrate fundamental problems of finance. The course will therefore be mainly concerned with aspects of finance and economic development in the United Kingdom, but their application to the circumstances of other countries will be given continuous consideration.

The course provides a combination of theoretical study and practical observation and will last six months. It will consist of lectures and discussions at the London School of Economics and Political Science, including a large number in which financial and business executives will take part.

The syllabus of the course takes the following form :

1. Elementary Financial Principles.
   (*a*) Business accounts and their interpretation: including accounting methods; the interpretation of accounts.
   (*b*) Capital budgeting: including concepts of " yield " and their practical use; objectives and criteria in business investment policy; administrative and accounting aspects.
   (*c*) Other aspects of business organisation and finance: including the relevance of interest rates; the choice of finance; the finance of small companies; company taxation; economies and diseconomies of large scale operations; types of business structure; industrial location.

2. Special Capital Problems of Underdeveloped Countries: including general problems of economic development; capital investment in underdeveloped countries.
3. The Development and Operation of Capital Markets: including the operation of different types of financial institution.

Joint Postgraduate Studies in Technology, Economics and Administration

The growth of the natural and social sciences and their impact on the development, organisation and management of business and public affairs are creating both opportunities and problems which cut across conventional faculty boundaries. The Imperial College of Science and Technology and the London School of Economics and Political Science have therefore made joint arrangements to enable graduate students to take advantage of the combined facilities of the two schools.

The two schools collaborate in encouraging research which will throw light on the direction, strength and interplay of scientific, technological, social and market forces. For example, opportunities are provided for studies of the growth of industries largely based on scientific facts and principles, of the economic prospects of technological developments, of the factors affecting industrial productivity, and of the economics and organisation of research itself. For some of these studies a desirable training is a thorough grounding in an appropriate field of science and technology coupled with an appreciation of the relevant social sciences. Others may require a thorough grounding in the appropriate branches of the social sciences coupled with an appreciation of developments in natural science and technology.

Graduate research students accepted by either the Imperial College or the London School of Economics for this type of work receive guidance and help from *both* schools. Where it is advisable the student will be placed under two supervisors, one at each school.

Arrangements have also been made to assist graduate students whose purpose is to broaden and deepen their education and training rather than to engage in research. Students of Imperial College who have been accepted for a postgraduate course in science or technology and who wish to acquire an introductory knowledge of such subjects as economics, law, history and administration, are afforded facilities to do so at the London School of Economics. Courses of study are arranged to meet the individual needs of each student.

Arrangements relating to higher degrees have been made by the University of London to facilitate graduate studies which overlap the

faculties of Science, Engineering and Economics. Subject to the University Regulations candidates are permitted to proceed to a higher degree based upon a field of study falling mainly or partly in a faculty different from that in which the first degree was obtained.

In addition to other scholarships and awards which may be open to graduate students of the two schools, attention is specially drawn to the Research Studentships and Advanced Course Studentships offered by the Department of Scientific and Industrial Research. In order to stimulate research of the kind described above and the training of men and women competent to undertake it, these grants are now available for honours graduates in pure or applied science to be trained in the investigation of problems concerning industrial productivity and organisation. Studentships are available both for postgraduate training in methods of research and for acceptable courses of postgraduate instruction in science and technology, including certain courses at the London School of Economics.

Further information relating to the above arrangements can be obtained from the Registrar, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7, or the Registrar, The London School of Economics and Political Science, Houghton Street, London, W.C.2.

Course in Trade Union Studies

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

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

The Tutor to the course, who is a member of the staff of the School,

gives advice to all applicants; he is in general charge of the course and it is to him that those accepted should look for advice and guidance.

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

The syllabus of study consists of six subjects for which lectures and special classes are provided. The subjects are:—

(i) Economics.
(ii) Contemporary Trade Unionism and Industrial Relations.
(iii) British Economic and Social History, with special reference to the growth of Labour Movements.
(iv) Law, with special reference to Trade Unionism.
(v) Introduction to the Political Organisation of Great Britain.
(vi) Elementary Statistics and Finance.

Problems of human relations; the social organisation of industry; industrial relations in overseas territories and the work of international organisations are covered in a series of lectures and classes.

There is a regular series of talks and discussions given or opened by prominent leaders and students of Trade Unionism.

On the completion of the course the student will receive a report from the School describing the work done, and the standard reached, during his period of study.

Admissions to the course are made by the Tutor (Professor Roberts), who interviews applicants at the School by arrangement. Application forms can be obtained from the Registrar.

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

REGULATIONS AS TO HONORARY FELLOWS

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Governors, the Director, the Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.

2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any former student of the School who has attained distinction in the arts, science or public life, or any person who has rendered exceptional services to the School, or to the arts, science or public life.

3. No full-time member of the staff of the School shall be elected an Honorary Fellow.

4. Not more than 30 Honorary Fellows shall be elected at the meeting of the Court of Governors to be held in the Michaelmas Term 1958. Thereafter elections may be made annually in the Michaelmas Term. In any year after 1958 the number of persons elected shall not, save for special reasons considered adequate by the Court, exceed seven nor shall there be included amongst them, save for the like reasons, more than one person who is not a former student of the School.

5. Suggestions for election to Honorary Fellowships shall be invited annually by the Honorary Fellows Committee in May from:

(i) each member of the Court of Governors,
(ii) each member of the Academic Board,
(iii) each Honorary Fellow.

6. Every suggestion shall be made in writing, shall be signed by the person making it and shall be received by the Secretary not later than 31 May. Thereafter, unless successful or withdrawn, it shall be regarded as current for three successive years, after which it shall lapse; but a fresh suggestion of the same name can be made.

7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.

8. In each year the Honorary Fellows Committee shall not earlier than 1 June nor later than 15 October consider the current list of names

suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.

9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas Term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas Term.

10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

THE LIBRARY

The British Library of Political and Economic Science, which is the library of the School, was founded by public subscription in 1896, a year later than the School. The moving spirit was Sidney Webb (Lord Passfield), one of the original trustees and chairman of the Library Committee for many years; his hand can be seen in the programme put before the public, with its plea for the comparative study of public affairs based on official and institutional documents not at that time available either in the British Museum or in any special library in this country. The new library was to serve as the working library of the School (shortly to become the principal seat of the Faculty of Economics in the new teaching University of London) and also as a national collection.

These interdependent functions have grown together; the School has given the Library wide contacts with the public and academic worlds, and a standing which it could not easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School in ever-increasing numbers.

It is freely open to students of the School, and is extensively used by other scholars and investigators. Application by non-members of the School for readers' permits must be made on a special form, which may be obtained from the Librarian.

The scope of the Library is the social sciences in the widest sense of that term; it is particularly rich in economics, in commerce and business administration, in transport, in statistics, in political science and public administration, in the law of certain foreign countries and international law, and in the social, economic and international aspects of history. As well as treatises and some 10,200 non-governmental periodicals (of which 3,600 are received currently), it contains some 400,000 controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including some 8,000 serials (of which 4,800 are received currently); collections which are probably unique of reports of local government authorities, of banks, and of railways; much historical material; and miscellaneous manuscript and printed collections of very varied extent and kind. The total amounts to some 400,000 bound volumes, together with a large amount of material not yet bound; the total number of separate items is estimated at over a million. In some subjects within its field, the Library is surpassed only by smaller and more highly specialised libraries,

and in others it is unsurpassed; as a whole it is one of the largest libraries in the world devoted exclusively to the social sciences.

There is a full author catalogue typed on cards. The subject catalogue is published as *A London Bibliography of the Social Sciences*; this also contains books in certain other specialised libraries, and is widely used not only as a key to the contents of the Library, but also as a general bibliography of the social sciences. Volumes 1–11 of this work, listing the acquisitions up to 1955, are obtainable from the Librarian (see pages 515–6). A catalogue of a more specialised interest is the *Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science*, available at 25s. a copy, 26s. post free.

The Library occupies a connected series of rooms on the north side of the School's main buildings in Houghton Street, Clare Market and Portugal Street. They include the only remaining part of the original School building of 1902, and later additions built partly with the aid of benefactions from the Rockefeller Foundation of New York. They are entered through a hall containing the catalogues and the counter for enquiries and the issue of books. There are seats for about 800 readers; reading rooms devoted to particular subjects or classes of material contain open-shelf collections amounting to some 40,000 volumes. The Periodical Room provides all readers with immediate access to the current numbers of over 300 periodicals. There is a fine room devoted to early books, and exhibitions are held there regularly. Two further reading rooms are reserved for research workers, and one for the teaching staff of the School.

The greater part of the Library's collections is housed in the reserve stacks, which occupy nearly the whole of the basement of the main School building. Readers are not admitted to these, but any book is issued on demand for use in the reading rooms.

The School also possesses other libraries. The Lending Library consists chiefly of the books most in demand by students, which can also be used for reference in the room; it is housed in Room E.7 in the East Wing. The Shaw Library (founded by Mrs. George Bernard Shaw) consists of general literature; it is housed in the Founders' Room on the fifth floor. There is also a series of study room libraries attached to different teaching departments and containing special collections mainly for the use of honours students.

A leaflet of "Notes for Readers" may be obtained free of charge, on request; and a fuller "Guide to the Collections" is available at 2s. 6d. a copy, 2s. 9d. post free.

Rules of the British Library of Political and Economic Science

(1) The Library is open for the purpose of study and research to—

i. Members of the London School of Economics and Political Science, as follows:—

(*a*) Governors.
(*b*) Staff.
(*c*) Regular students.
(*d*) Intercollegiate students.
(*e*) Occasional students who have paid a library fee of $2\frac{1}{2}$ guineas a session or 1 guinea a term.

ii. Persons to whom permits have been issued.
iii. Day visitors admitted at the discretion of the Librarian.

(2) Permits may be issued to—

(*a*) Persons engaged in research which cannot be pursued elsewhere.
(*b*) Professors and lecturers of any recognised University.
(*c*) Persons engaged in any branch of public administration.
(*d*) (In vacation only) Undergraduates of other universities and colleges.
(*e*) Such other persons as may from time to time be admitted by the Director.

Applications for Library permits must be made on the prescribed forms; they should be addressed to the Librarian, and should be supported, either by a member of the staff of the School, or by a letter of recommendation from a person of position. Evidence of membership of the Royal Economic Society, the Royal Statistical Society and the London School of Economics Society is accepted in place of a letter of recommendation.

Library permits are not transferable. They are issued upon payment of the prescribed fees, which may, however, be remitted. The fees at present prescribed are, for persons in categories (2) (*a*) and (*c*), £5 5s. 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 by the Director of the School. They are closed on Sundays and on certain other days as prescribed. (The hours of opening prescribed at present are from 10 a.m. to 5.50 p.m. on Saturday, and from 10 a.m. to 9.20 p.m. on other days. On Mondays to Fridays in term from the second week of the Michaelmas Term until the end of the first week in June part of the Library remains open, with a limited service, to 10.30 p.m. The days of closing prescribed at present are: six days at Christmas, from Good Friday to the following Wednesday inclusive, Whit-Monday, August Bank Holiday, and all Saturdays in July and August.)

(5) Readers must not bring attaché cases, overcoats, hats, umbrellas or other impedimenta into the reading rooms. All such articles can be deposited in the cloakrooms of the School.

(6) Readers may take the books they require for purposes of study from any of the open shelves, and may take them to any of the connected reading rooms.

(7) Readers who have finished with books taken from the open shelves in any of the rooms should return such books without delay to the collection stack in the room from which the books have been taken, or preferably to their places on the shelves.

(8) Books not accessible on the open shelves must be applied for on the prescribed forms. Such books must be returned to the book counter when done with, so that the forms may be cancelled. Readers will be held responsible for all books issued to them as long as the forms are in possession of the Library uncancelled.

(9) Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library by any reader for any reason whatsoever, except under the express written authority of the Director or Librarian. All readers as they leave the Library are required to show to the Library janitor any works, including papers, folders, newspapers, etc., they may be carrying.

Members of the School staff are authorised, on completing the prescribed forms, to take books to their private rooms in the School. They will be responsible for any loss of or damage to books so removed; all books so removed must remain accessible to the Library staff in the event of their being required by other readers.

(10) Research students, upon completion of the prescribed forms, may keep books from the reserve stacks in their individual lockers in the research reading rooms. They will be responsible for books so held by them, and the books must remain accessible to the Library staff in the event of their being required by other readers.

(11) Research students of the School may borrow books for use outside the Library, subject to the following conditions:—

(i) During the months of June, July, August and September, research students may borrow books only by special authorisation in each case, and on such special conditions as the Librarian shall impose, including if required the payment of a deposit.

(ii) No book borrowed shall be taken out of Great Britain.

(iii) Research students may not borrow more than six books at one time.

(iv) Books in the reading rooms, unique and rare books, and other books in particular demand, will be lent only on the written authorisation of the Librarian in each case.

(v) The prescribed loan voucher must be completed and handed in before any book is removed.

(vi) Books borrowed during the term are due back on the last day of term, but they will be subject to recall at any time if required for use in the Library. Books borrowed during the last week of any term will be due for return at the end of the first week of the next term, but will also be subject to recall.

(12) Readers handing in forms are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse forms giving insufficient detail.

(13) During the Michaelmas and Lent terms, and the Summer term up to the end of May, a reader vacating his place will be deemed to have left the Library, and his books may be cleared by the Library staff and the place occupied by another reader, unless he leaves on the table a note of the time of his leaving, in which case the place will be reserved for sixty minutes if the place is vacated between 12.0 and 1.15 p.m., or for thirty minutes if it is vacated at other times, but no longer.

(14) Ink-bottles or ink-wells cannot be taken into any of the Library rooms. Fountain pens are permitted. Readers using rare or valuable works, however, may be required by the Librarian, at his discretion, to work with pencil.

(15) Smoking is forbidden within the Library.

(16) No reader may enter the Library basement or any other part of the Library not open to general readers without special permission from the Librarian.

(17) The tracing of maps or illustrations in books is forbidden. No book, manuscript, paper or other property of the Library may be marked by readers. Anyone who injures the property of the Library in any way will be required to pay the cost of repairing or replacing the injured property, and may be debarred from further use of the Library.

(18) The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

(19) Silence must be preserved in the reading rooms and on the central staircase and landings.

(20) Permission to use the Library may be withdrawn by the Director or the Librarian from any reader for breach of the rules in force at the time, or for any other cause that may appear to the Director or to the Librarian to be sufficient.

UNIVERSITY LIBRARY

Any member of the University, staff or student, may apply to use the University Library (entrance in the Senate House, W.C.1, either from Malet Street or from Russell Square). An internal student may obtain a ticket by completing an application form (to be obtained at the Library) and showing his current College Admission Card or Union Society membership card. Arrangements are made, particularly during the first few weeks of the session, for new members to be instructed in the use of the Library.

The Library has about 750,000 books on many subjects, most of which may be borrowed for home reading, and about 4,250 current periodicals. There are several important special collections, including a Music Library.

The reading rooms are open on week-days, during Term and the Easter vacation from 9.30 a.m. to 9 p.m. On Saturdays and in the Christmas and summer vacations the Library is closed at 6 p.m. every evening. There is a refectory which may be used by registered readers.

Books may be borrowed from 10 a.m. to 6.30 p.m. on week-days during Term and the Easter vacation and from 10 a.m. to 5 p.m. on Saturdays and during the Christmas and summer vacations.

Microfilms, photostats and other photographic copies may be obtained from the Library Photographic Department. A list of charges is available on application. In the Library there are eight micro-text readers (microfilm, microcard, microprint).

CAREERS

The Careers Adviser works in cooperation with the University of London Appointments Board, of which he is a member. Students should consult him in their first year at the School and at intervals during their course, but it will be open to them to seek his advice before entry and after graduation, if desired.

It cannot be said of any of the degree courses given at the School that there is a resultant choice of careers strictly limited to that particular course. Because of this the choice of course or special subject to be studied should be governed by the student's aptitude for and interest in such studies, rather than by their apparent value for a certain career. The need for guidance in making this choice is stressed, since an unwise selection, often made for mistaken reasons, can jeopardise a student's chances of achieving the best result. Those who are in doubt should consult the Careers Adviser as soon as possible, preferably before entry. Enquiries from teachers, parents, and others responsible for advising prospective students are also welcomed.

The study of any branch of the social sciences and especially for the B.Sc.(Econ.), which is the least specialised of the first degrees taken at the School, or the B.A. with history, or geography, or philosophy and economics, provides an excellent preliminary training for any occupation in which a knowledge of contemporary affairs and a capacity for balanced judgment are important qualifications.

Candidates for the open competitions, held annually for posts in the Administrative and Special Departmental Classes of the Civil Service, and also for the Foreign Service, must have, or obtain in the same year, a university degree, or alternatively must pass a written examination of degree standard. Students thinking of competing should seek advice about the most appropriate choice of degree subjects before starting their course. For Local Government appointments specialisation in Law, Accountancy, or some branch of social work is usually necessary.

The system of traineeships adopted by many industrial and commercial organisations provides opportunities for graduates to enter one or other of the specialised or professional branches of management. Formerly most banks and insurance companies recruited all their staff at school-leaving age; to-day, however, graduates are sought. As in industry and commerce, they must be prepared to undertake the same duties as those who join from school and to earn their promotion by ability, but starting salaries are related to age on joining. The oversea service of certain British banks offers a particularly interesting and financially attractive career.

For most careers, whether in the professions, in public administration, or in business, the acquisition of some further professional qualification or special training appropriate to that career is advisable, if not obligatory. Many firms send members of their staff to the more specialised and advanced courses in Business Administration and Personnel Administration.

A university degree is the best method of obtaining the necessary theoretical background for a professional career, and in certain cases results in a considerable shortening of the period of professional training. Thus, the possession of the LL.B. degree leads to important exemptions from the Bar and Law Society examinations, and to a shortening of the period of articles for qualification as a solicitor. Similarly, the possession of a university degree reduces the period of articles from five to three years for those entering accountancy. If the degree is the B.Sc. (Econ.), with Accounting as the special subject in Part II, the pupil is also granted exemption from the professional intermediate examination, provided the final degree examination is passed at the first attempt (see pages 200 and 201).

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

The following books are recommended for additional information concerning careers:—

Careers for Graduates (Athlone Press).

Civil Service Posts for Graduates (H.M. Stationery Office).

P. Dunsheath, *The Graduate in Industry* (Hutchinson). Chaps. VI, VII, XII and XIII.

D. E. Wheatley, *Industry and Careers* (Iliffe Books Ltd.).

A Career in Education for University Graduates (Ministry of Education) (H.M. Stationery Office).

The Arts Graduate (Women's Employment Federation).

Work Overseas (Oversea Service).

STUDENTS' AND ATHLETIC UNIONS

STUDENTS' UNION

The objects of the Students' Union are:—

1. To promote the welfare and corporate life of the students, and through the Union Council to represent the students in all matters relevant thereto except those relating to athletics.
2. To administer, supervise and improve the Union premises.
3. To co-operate with the School authorities and external student organisations.
4. To provide a forum for the discussion of student affairs and interests.
5. To approve and regulate student societies.
6. To integrate and publicise student activities.

Every regular and occasional student becomes a full member of the Students' Union on the payment of School fees, while students of other colleges attending the School for a course of lectures become associate members and are allowed to use the Union premises. Full members are also members of the Three Tuns Club and entitled to use the Club's bar and other amenities.

The Union offices are situated in the Students' Union building. Information concerning the Union, its services and activities, can be obtained from the Union offices, and from the *Handbook* issued to first-year students.

Union meetings are held in the Old Theatre on Friday evenings during Term. All students are urged to attend Union meetings, where they can help decide Union policy as well as take part in debates and discussions. Full details of meetings are published on the Union notice-boards.

The Union provides many useful services in the fields of social activities, student welfare, and relations with outside student bodies. Among these services are: debates, socials, dances; advice and information on housing, and grants and fees; a barber's shop and a number of common rooms and other amenities; and cheap travel and vacation work obtained in co-operation with the National Union of Students.

Members of the Union are also members of the University of London Union and are entitled to use all its premises and its services, and to participate in its activities. Full-time students are also entitled to receive all the services of the National Union of Students, to which the Students' Union is affiliated.

The Union is a member of A.I.E.S.E.C. (Association Internationale des Etudiants en Sciences Economiques et Commerciales) under the auspices of which vacation traineeships for students in many countries are arranged. It is also a member of CEDESE (Communauté Européenne des Etudiants en Sciences Economiques) in which it associates with six other Economics schools in Europe to promote European understanding by means of exchanges.

The *Clare Market Review*.—The Union magazine was founded over fifty years ago, and is published in March and December. The editor is always pleased to receive contributions in the form of topical articles, short stories, poems, illustrations and photographs. The Students' Union also publish a fortnightly newspaper, *Beaver*.

Hon. President:

—

Executive Officers:

President	S. Klinger.
Deputy President	Elizabeth Swain.
Administrative Vice-President	T. Lwanga
Social Vice-President	G. Park
External Affairs Vice-President	B. K. Bhimani
Welfare Vice-President ..	M. Heap
General Secretary	Yvonne Lukey.
Senior Treasurer	H. Windsor.

CLARE MARKET REVIEW

Editor .. .. —

BEAVER

Editor .. .. —

ATHLETIC UNION

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

The following clubs are affiliated to the Athletic Union.

Club	*Secretary*
Association Football	D. Walker.
Athletics	D. W. Allen.
Badminton	D. Lever.
Basketball	P. Jeffers.
Boat (Men's)	K. Davies.
Boat (Women's)	—
Cricket	P. Guscott.

Club	*Secretary*
Cross-country	G. Chaplin.
Fencing	D. George.
Golf	D. H. J. Sheasby.
Hockey (Men's)	N. J. Pitt.
Hockey (Women's)	Miss J. Gething.
Judo	—
Mountaineering	N. A. Townsend.
Netball	—
Riding	Miss C. Searle.
Rifle	—
Rugby Football	J. Weir.
Sailing	Miss Y. Lukey.
Squash (Men's and Women's)	—
Swimming and Water Polo	—
Table Tennis (Men's)	A. J. Mehta.
Table Tennis (Women's)	—
Tennis (Men's)	—
Tennis (Women's)	—
Y.H.A.	—

There are some twenty acres of playing fields at New Malden, to which there are frequent trains from Waterloo.

The ground has facilities for Association and Rugby football, hockey and cricket, lawn tennis and running. The pavilion has hot and cold showers and a plunge bath. Light teas are served and there is a bar.

The Boat Clubs row from the University Boat House, Chiswick; the Squash Club uses the School court; the Badminton, Basketball, Fencing, and Table Tennis Clubs use the School gymnasium; the Cross-Country Club runs on Hampstead Heath; the Swimming Club uses the University Union Pool; and the Sailing Club operates at the Welsh Harp, Hendon.

The Mountaineering and Y.H.A. Clubs have frequent meets in England and a few on the Continent.

Executive Officers:

President	R. E. M. Bailey.
Vice-Presidents	—
General Secretary	K. M. Hurley.
Assistant General Secretary	J. Kirkham.
Senior Treasurer	D. Knowles.
Junior Treasurers	J. Foulsham.

RESIDENTIAL ACCOMMODATION

The School does not keep an index of lodgings suitable for students, but those who require help in finding accommodation may consult the University of London Lodgings Bureau.

The Bureau maintains a register of addresses of various types in most districts of London, and each student's requirements are carefully considered. During term-time a personal interview, for which an appointment must be made, is desirable, but from the end of the Summer Term to October students should apply by post.

The fees for halls of residence, stated on the following pages, are those which are in force at present; but they are liable to amendment.

Halls of Residence for Men:

PASSFIELD HALL

Endsleigh Place, W.C.1.

This Hall of Residence is provided by the School for men students. It is in Bloomsbury, situated in the north-west corner of Tavistock Square, and is 20 minutes' walk from the School.

There is accommodation for at least 140 students: in single, double, and treble study-bedrooms. The fees are, at present, at the rate of £152 15s., £145 10s. and £134 per session respectively, payable by terminal instalments in advance.

Fees cover breakfast and dinner, and all meals on Saturdays and Sundays. Washbasins and gas fires with slot meters are provided in each room.

Application should be made to the Registrar at the School, if possible by the end of May. Applicants are selected for places towards the end of June of each year, for the following October.

CONNAUGHT HALL OF RESIDENCE,

36–45, Tavistock Square, London, W.C.1.

Inter-collegiate Hall of Residence for men; 194 places, mainly in single rooms. The rent of the study-bedrooms, including breakfast and dinner, and also lunch at weekends, is £145 per session of 30 weeks. Written applications to the Warden, Dr. D. M. Lang, D.Lit., should be made before 31 May.

INTERNATIONAL HALL

Brunswick Square, W.C.1.

International Hall accommodates 270 men students. Half the rooms are reserved for British students and half for students from overseas. There are 10 double rooms and 250 single rooms.

Fees:—£4 17s. 6d. (single room) and £4 10s. 0d. (for share of double room) per week. This includes breakfast and dinner from Mondays to Fridays, inclusive, and breakfast, lunch and supper on Saturdays and Sundays.

Application forms for admission may be obtained from the Warden and should be returned by 30 May.

LONDON HOUSE

Guilford Street, W.C.1.

London House accommodates men—mostly postgraduates—from the Commonwealth including a limited number from the United Kingdom and the United States. It was established by the Dominion Students' Hall Trust. The buildings can now accommodate 270. When the new wing is completed in January 1963, a further 100 beds will be available.

Fees for residence (excluding meals) vary between £2 16s. 0d. and £4 14s. 6d. weekly. Meals can be taken in the Cafeteria in the Dining Hall.

The House is close to three stations on London Transport railways, viz., King's Cross (Metropolitan and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central London Line).

It is within easy walking distance of the London School of Economics.

Applications should be made direct to the Controller, London House, giving as much notice as possible.

Halls of Residence for Women:

COLLEGE HALL

Malet Street, W.C.1.

College Hall provides single and double room accommodation for 220 women students of the University of London, in a modern, central-heated building close to the University site in Bloomsbury. It has good common-rooms, dining-hall, library, studio and laundry. The study-bedrooms are well furnished and there is hot and cold running water in every room. All meals are provided except lunch from Monday to Friday.

Fees:—150 guineas each for shared study-bedroom, 165 guineas for single (and for share of certain larger double) study-bedrooms, for the session of 30 weeks.

Principal:—Miss P. D. Ede, B.A. (Cantab.), from whom further particulars may be obtained.

CANTERBURY HALL

Hall for Women Students of the University,
Cartwright Gardens, W.C.1.

Canterbury Hall is situated in Bloomsbury within 20 minutes of the School. It has accommodation for 220 students in single study-bedrooms with central heating. There are several common-rooms, a chapel, a library, games-room, squash court and concert hall. Fees, which include breakfast and dinner every day, and full board on Saturdays and Sundays, are from £135 per session of about 30 weeks. There are no retaining fees in vacation.

Students who would like to be admitted to Canterbury Hall should communicate in the first instance with the Warden. Applications for admission in October should be made during the preceding March.

NUTFORD HOUSE

Intercollegiate Hall for Women Students of the University,
Brown Street, off George Street, W.1.

Nutford House is situated near Marble Arch and has accommodation for 192 women students in 23 double and 146 single rooms; some central heating. There are common-rooms, a library, games-room and laundry-rooms. A proportion of the rooms available is reserved for students of the London School of Economics.

Fees:—£120 (for share of double room) and £135 (single room) per session of about 30 weeks. This includes breakfast and dinner every day and full board on Saturdays and Sundays.

Applications (enclosing a stamped self-addressed foolscap envelope) should be sent by the end of the Spring Term, for admission in the following October, to the Warden (Mrs. Osman) at Nutford House.

WILLIAM GOODENOUGH HOUSE

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

William Goodenough House accommodates 112 postgraduate women students from the British Commonwealth and the United

States of America. In addition there are 48 self-contained flats for married students.

Fees, including breakfast, are from £4 4s. 0d. to £5 5s. 0d. per week. All other meals are available on a cafeteria system. The rooms are single study-bedrooms, with central heating, and with electric fires on a meter system. There are ample common-rooms.

Applications should be made, well in advance, to the Controller, William Goodenough House, Mecklenburgh Square, London, W.C.1.

SPECIAL ASSOCIATIONS AND SOCIETIES

i. The London School of Economics Society

(Formerly Old Students' Association)

HONORARY OFFICERS AND COMMITTEE, 1961/62

President	W. F. Crick, C.B.E.
Vice-President	Dr. Vera Anstey.
Representative of the London School of Economics Society on the Court of Governors ..	W. H. B. Carey, F.C.A.
Secretary	W. M. Stern.
Entertainments Secretary ..	Mrs. M. S. Shirley Jepsen.
Treasurer	J. B. Selier, F.C.A.
Auditor	K. A. Pollock, A.C.A.
Committee Members	The Officers and Mrs. Olga Aikin, Miss Ilse T. Boas, A. Crystal, N. M. Ekserdjian, D. J. Kingsley, Miss Janet A. Kydd, P. J. C. Perry, B. Rowntree, J. Whyman, J. R. Yorke-Radleigh.

Membership of the London School of Economics Society is open to past students of the School, day and evening, who have been full members of the Students' Union for at least one session. Members of the School's academic staff who were not students at the School are eligible for annual membership while remaining on the staff. Persons not so qualified can be admitted to membership at the discretion of the Committee.

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

Subscription rates are at the moment under review, but up to the end of the 1961–62 session, the life subscription will be £3 13s. 6d., the annual subscription 10s. 0d., with a reduced subscription of 5s. for the first session after terminating registration as a student of the School.

Application forms and information relating to the Society can be obtained from the Honorary Secretary at the School.

ii. Friends of the London School of Economics

Trustees:

Chairman, LORD PIERCY; *Vice-Chairman*, S. P. CHAMBERS.

Treasurer, W. H. B. CAREY.

SIR SYDNEY CAINE, SIR ALEXANDER CARR-SAUNDERS, EVE V. EVANS, L. FARRER-BROWN, G. TUGENDHAT.

Secretary, H. KIDD.

In July 1957 an Association of Friends of the London School of Economics was formed. Membership is open to all former students of the School, present and past members of the staff, present and past Governors and any other persons or organisations interested in the welfare of the School. The principal object of the Association is to raise funds to provide for the School amenities which are important to its daily life but which it cannot afford, either because of shortage of money or because it would not be appropriate to expend public funds on their acquisition. The Association has already raised more than £3,000, has made a number of gifts to the School, including a specially designed table and chairs for use on the stage of the Old Theatre and attractive garden furniture for the third-floor roof gardens, and has provided half the cost of building a new entrance to the sportsground at Malden. Future projects include the refurnishing of the Founders' Room. The annual subscription is two guineas, or one guinea if paid under a seven-year deed of covenant. Donations, and gifts in kind of such items as pictures, plate, glass and silver are welcomed.

The Secretary of the School will gladly send particulars of the Association on application.

iii. Research Students' Association

All students registered for a higher degree, or paying a research fee automatically become members of the Research Students' Association.

The Association is the social centre of the Graduate School, helping the research students to meet one another and take part together in various social activities: for most of them have spent their undergraduate days elsewhere, and might otherwise, by the nature of their work, find difficulty in making contacts. There is a Research Common

Room on the fourth floor of the Main Building (Room 402) which is open during regular School hours: tea is served here in term time at 4 p.m. on Wednesdays, when there are often guest speakers.

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

1961–62:

President	G. S. BHALLA.
Secretary	MARY JANE WIGNOT.
Treasurer	G. P. O. CHIKELU.
Committee	J. COWLEY,
	H. J. EDER,
	G. O. EZEJIOFOR,
	ANN IMLAH.

iv. Sociology Club

The Sociology Club, founded in 1923, meets at the School once each term, in the evening. The President of the Club is Professor Morris Ginsberg and the Hon. Secretary, Mr. S. J. Gould. Membership is open to all members of the Senior Common Room, and to a certain number of persons outside the School. The aim of the Club is to encourage the discussion of subjects of common interest to the various special disciplines in the field of social studies.

PART III

LECTURE COURSES, CLASSES, ETC.

and

SCHOOL PUBLICATIONS

ADDRESSES

DIRECTOR'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:
Saturday, 29 September 1962, 11 a.m.
First Year undergraduate Evening Students:
Monday, 1 October 1962, 6.30 p.m.

LIBRARIAN'S ADDRESS TO NEW STUDENTS

First Year undergraduate and Social Science students:
Saturday, 29 September 1962, 3 p.m.
Evening Students: Tuesday, 2 October 1962, 6.30 p.m.

GENERAL LECTURES

380. **English Legal Institutions.** Professor Wheatcroft and Mr. Diamond. Twenty lectures, Michaelmas Term.

463. **Social and Political Themes in French Literature.** Various lecturers. Sessional.

475. **English as a Foreign Language.** Mr. Chapman. Twenty-four lectures, Sessional.

477. **English Speech.** Mr. Chapman. Five lectures, Lent Term.

478. **The Art of Writing.** Mr. Chapman. Three lectures, Michaelmas Term.

574. **The Government of Modern France.** Mr. Pickles. Five lectures, Lent Term.

586. **Political and Social Theory.** Professor Smellie and Mr. Cranston. Ten lectures, Michaelmas Term.

640. **Introduction to Social Anthropology.** Professor Schapera. Twenty lectures, Michaelmas and Lent Terms.

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

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

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

654. **Race and Society.** Mr. Harré. Five lectures, Michaelmas Term.

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

833. **Elements of Social Structure.** Dr. Little. Twenty-five lectures, Sessional.

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

847. **Criminology.** Mr. Hall Williams. Fifteen lectures, Michaelmas and Lent Terms.

940. Introduction to Statistical Sources. Professor Allen. Ten lectures, Michaelmas Term.

946. The Nature and Sources of Social Statistics. Professor Moser and others. Ten lectures, Lent Term.

947. Survey Methods in Social Investigation. Professor Moser. Ten lectures and four classes, Michaelmas and Lent Terms.

Classes in Modern Languages for graduate students not taking a language as an examination subject. (See page 400.)

ECONOMIC AND SOCIAL ADMINISTRATION

ECONOMIC AND SOCIAL ADMINISTRATION

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

For One-Year Diploma in Economic and Social Administration.

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

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

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

No. 8.—**Introduction to Economics.**
No. 45.—**The Structure of Modern Industry.**
No. 47.—**The System of Public Finance.**
No. 48.—**Recent Economic Developments.**
No. 60.—**The Economics of the Labour Market.**
No. 110.—**Problems of Economic Growth in Underdeveloped Countries.**

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

For One-Year Diploma in Economic and Social Administration.

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

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

No. 566.—**Problems of Parliament.**
No. 567.—**Local and Regional Government.**
No. 568.—**Public Administration and the Social Services.**
No. 570.—**Comparative Government.**
No. 578.—**Government in New and Emergent States.**
No. 581.—**Politics and Government of France.**
No. 582.—**Politics and Government of the U.S.A.**
No. 583.—**Politics and Government of Russia.**
No. 585.—**The Politics of European Integration.**
No. 586.—**Political and Social Theory.**

3. Constitutionalism in the New Commonwealth. Professor de Smith. Six lectures, Lent Term.

For Diploma in Economic and Social Administration; B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii) (e); Part II (RR)—*The Politics and Government of a Foreign or Commonwealth Country*, VII 8c (see p. 181); Overseas Service Officers and for LL.B. and LL.M. students who are interested. Optional for Diploma in Social Administration (overseas option) (Second and One Year students).

Syllabus.—The Westminster model of parliamentary democracy as adapted in newly self-governing and independent Commonwealth countries. Presidential régimes. Modifications of the principle of majority rule: federalism, diarchy, bicameralism, Councils of State, constitutional entrenchment of bills of rights, and other safeguards for regional, group and individual interests. The independence of the judiciary and the public service.

Special attention will be given to the constitutions of India, Ghana, the Federation of Malaya, Nigeria, Cyprus, Tanganyika, Jamaica, Kenya and Southern Rhodesia.

Recommended reading.—D. V. Cowen, *The Foundations of Freedom;* W. I. Jennings, *The Approach to Self-Government;* H. V. Wiseman, *The Cabinet in the Commonwealth;* L. A. Sheridan in *Malaya and Singapore: the Development of their Laws and Constitutions* (Part I); L. Rubin and P. Murray, *The Constitution and Government of Ghana;* F. G. Carnell in U. K. Hicks and others, *Federalism and Economic Growth in Underdeveloped Countries;* S. A. de Smith, "Westminster's Export Models", *Journal of Commonwealth Political Studies* (1961); "Fundamental Rights in the New Commonwealth", *International and Comparative Law Quarterly*, Vol. 10, Pt. I, January 1961.

4. Social Structure and Policy. Dr. Benedict and Mr. Hodge Sessional.

For One-Year Diploma in Economic and Social Administration.

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

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

No. 643.—**Structure and Functions of the Family.**
No. 650.—**Anthropology and Social Problems.**
No. 720.—**Introduction to Social Policy.**
No. 721.—**The Sociology of Medical Care.**
No. 722.—**Social Administration.**
No. 724.—**An Introduction to the Financial Problems of the Social Services.**
No. 725 (b).—**Community Development.**
No. 836.—**Comparative Social Institutions.**
No. 947.—**Survey Methods in Social Investigation.**

5. Administrative Problems of Economic and Social Change (Seminar).

A seminar will be held by the tutors for students of the course in Economic and Social Administration throughout the session. Other graduate students may be admitted by permission. The principal

concern will be with administrative problems in countries experiencing rapid economic and social change. General questions to be discussed will include:

(i) the relation between economic and social change;
(ii) the transplantation of institutions from one society to another;
(iii) political movements in societies undergoing rapid change.

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

ECONOMICS, ANALYTICAL AND APPLIED
(INCLUDING COMMERCE)

ECONOMICS, ANALYTICAL AND APPLIED
(including Commerce)

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the raised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193 in Part II of the Calendar.

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

8. Introduction to Economics. Mr. Shaffer. Eighteen lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (First Year) and B.A. Honours in Geography (First Year) —Subsidiary subject of Economics; Intermediate LL.B.;Diploma in Social Administration (First Year), Diploma in Social Administration (First Year) (Overseas Option). Diploma in Personnel Management, Certificate in International Studies, and Oversea Service Officers. Optional for Diploma in Public Administration (day only) (First Year).

Syllabus.—An introduction to economic analysis, with some illustrations of its application to various topics.

Recommended reading.—PRELIMINARY READING: H. Croome and G. King, *The Livelihood of Man*; D. C. Hague and A. W. Stonier, *The Essentials of Economics*; R. L. Heilbroner, *The Great Economists*.

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

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

For B.Sc. (Econ.) Part I (RR); B.A. Honours in Philosophy and Economics (First Year).

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

Recommended reading.—P. A. Samuelson, *Economics: An Introductory Analysis;* A. K. Cairncross, *Introduction to Economics*; R. G. Lipsey, *An Introduction to Positive Economics* (to be published, Jan. 1963).

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

10. The History of Economic Thought. Lord Robbins. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Economics, Analytical and Descriptive; Part II (RR)—*History of Economic Thought*, I 8a; II 8a; III 8e; VII 3d; and B.A. Honours in Philosophy and Economics (Third Year) and for graduate students.

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

Recommended reading.—The set books by Adam Smith, Ricardo and Marshall. Also: A. Monroe, *Early Economic Thought;* J. R. McCulloch (Ed.), *Early English Tracts on Commerce;* and *Tracts on Money;* O. H. Taylor, *A History of Economic Thought;* J. A. Schumpeter, *History of Economic Analysis;* E. Cannan, *A Review of Economic Theory;* E. A. Johnson, *Predecessors of Adam Smith;* J. Higgs, *The Physiocrats;* J. M. Clark and others, *Adam Smith, 1776–1926;* J. H. Hollander, *David Ricardo;* M. Blaug, *Ricardian Economics;* M. Bowley, *Nassau Senior and Classical Economics;* A. Gray, *The Socialist Movement;* G. J. Stigler, *Production and Distribution Theories;* J. Viner, *Studies in the Theory of International Trade;* L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy; Robert Torrens and the Evolution of Classical Economics;* T. W. Hutchinson, *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.

11. Economic Analysis. Dr. Makower, Mr. R. F. G. Alford and Dr. Cramp. Thirty-six lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economics, Analytical and Descriptive; Money and Banking ; and International Economics, Option (iv) (a) (Lent Term only); B.A. Honours in Philosophy and Economics (Third Year) and for graduate students.

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

Recommended reading.—A. Marshall, *Principles of Economics;* F. H. Knight, *Risk, Uncertainty and Profit;* K. Wicksell, *Lectures in Political Economy;* I. Fisher, *The Rate of Interest;* J. R. Hicks, *Value and Capital,* Parts I and II; E. J. Mishan, " A Survey of Welfare Economics" (*Economic Journal,* 1960); J. M. Keynes, *The General Theory of Employment, Interest and Money;* D. Patinkin, *Money, Interest and Prices;* D. H. Robertson, *Lectures on Economic Principles,* Vol. III; A. C. L. Day, *Outline of Monetary Economics.*

12. The Theory of the Firm. Dr. Ozga. Five lectures, Michaelmas Term.

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

Syllabus.—The object of this course will be to amplify the theoretical analysis of the theory of the firm, acquired by students in lectures and classes and through their own reading.

Recommended reading.—E. H. Chamberlin, *The Theory of Monopolistic Competition;* R. Triffin, *Monopolistic Competition and General Equilibrium Theory;* W. J. Fellner, *Competition among the Few;* J. Robinson, *The Economics of Imperfect Competition;* G. J. Stigler, *The Theory of Price* (3rd edn.); K. Boulding, *Economic Analysis;* T. Wilson and P. W. S. Andrews (Eds.), *Oxford Studies in the Price Mechanism;* N. Kaldor, *Essays on Value and Distribution.*

Further reading will be recommended as the lectures proceed.

13. Economic Principles. Mr. Klappholz and Dr. Ozga. Thirty lectures, sessional.

For B.Sc. (Econ.) (RR)—*Economic Principles,* I 4; II 4; III 1; IV 4; IX 1a; X 1a; and for B.A. Honours in Philosophy and Economics (Second Year).

PART I—Seventeen lectures by Dr. Ozga.

Syllabus.—The theory of the household and of the firm; market structures; the theory of factor prices, and some aspects of welfare economics. Consideration will be given to the problems which these theories were designed to solve.

Recommended reading.—K. E. Boulding, *Economic Analysis* (3rd edn.) especially Part III; W. J. L. Ryan, *Price Theory;* E. Schneider, *Pricing and Equilibrium;* G. J. Stigler, *The Theory of Price* (3rd edn.).

PART II—Thirteen lectures by Mr. Klappholz.

Syllabus.—The short-run theory of income determination; the theory of price level changes; theories of fluctuations; the elementary theory of long-run-growth; stabilisation policy.

Recommended reading.—G. Ackley, *Macro-economic Theory* (especially ch. 1 and Parts III and IV); A. C. L. Day, *Outline of Monetary Economics* (especially Parts I, II, III (chs. 16 and 17), IV and V); T. F. Dernburg and D. M. McDougall, *Macro-Economics;* J. P. McKenna *Aggregate Economic Analysis;* E. Schneider, *Money, Income and Employment* (especially ch. III).

14. The Development of Economic Analysis. Lord Robbins, Mr. Archibald and Dr. Corry. Thirty lectures, Michaelmas and Lent terms. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.Sc. (Econ.) Part II (RR)—*Development of Economic Analysis*—I 7; (Third year students).

15. The Theory of International Trade. Mr. Steuer. Five lectures, Michaelmas Term.

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

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

Further reading may be recommended during the lectures.

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

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

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

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

Recommended reading (for the first six lectures).—(a) Books: A. Marshall, *Principles of Economics,* Book III (8th edn.); A. C. Pigou, *The Economics of Welfare* (4th edn.); A. P. Lerner, *The Economics of Control* (first ten chapters); H. Myint, *Theories of Welfare Economics;* M. W. Reder, *Studies in the Theory of Welfare Economics,* Part I; W. Baumol, *Welfare Economics and the Theory of the State;* P. A. Samuelson, *Foundations of Economic Analysis,* Chap. 8; I. M. D. Little, *A Critique of Welfare Economics* (2nd edn.); K. Arrow, *Individual*

Choice and Social Values; J. de V. Graaffe, *Theoretical Welfare Economics.* (b) Articles: R. F. Kahn, " Some Notes on Ideal Output " (*Economic Journal*, 1935); A. Bergson, "A Reformulation of Welfare Economics " (*Quarterly Journal of Economics*, 1938); J. R. Hicks, " Foundations of Welfare Economics " (*Economic Journal*, 1939); " The Four Consumers' Surpluses " (*Review of Economic Studies*, 1944); T. de Scitovsky, "A Note on Welfare Propositions in Economics " (*Review of Economic Studies*, 1941); J. R. Hicks, " The Valuation of the Social Income " (*Economica*, 1940); P. A. Samuelson, " Evaluation of Real National Income " (*Oxford Economic Papers*, 1950); " The Simple Analytics of Welfare Maximisation " (*American Economic Review*, 1957); R. Lipsey and K. Lancaster, " The General Theory of Second Best " (*Review of Economic Studies*, 1957); E. J. Mishan, "A Re-appraisal of the Principles of Resource Allocation " (*Economica*, 1957); "A Survey of Welfare Economics, 1939–1959 " (*Economic Journal*, June 1960).

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

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

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

17. Introduction to a Mathematical Treatment of Economics. Professor Lipsey. Ten lectures and five classes, Lent Term.

For B.Sc. (Econ.) Part II (RR)—*Economic Principles*, I 4 and B.A. Honours in Philosophy and Economics (Second Year).

Syllabus.—The course, which assumes no more than " O level " mathematics, is intended to help the general student of economics to understand the mathematical formulations used in economic theory and also to provide a bridge between " O level " mathematics and the standard required in Mathematical Economics at Part II. Functions and curves; demand, supply, and elasticity; production functions; the theory of the firm and industry; simple difference equations.

Recommended reading.—G. J. Stigler, *The Theory of Price*; R. G. D. Allen, *Mathematical Analysis for Economists*; J. Parry Lewis, *An Introduction to Mathematics for Students of Economics.*

18. Introductory Mathematical Economics. Mr. Kuska and Mrs. Oldershaw. Fifteen lectures and ten classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economics, Analytical and Descriptive, Option (v) (b); International Economics, Option (v) (e) and Computational Methods (iii) (f); Part II (RR)—*Economics treated Mathematically*, I 8b; III 8d; IV 2f; (Third year students), IX 1b; X 1b; (Second or Third year students).

(**Note:** Students will be expected to have attended Course No. 16 or have equivalent familiarity with the use of mathematics in economics. Students are also referred to Courses Nos. 975 and 977.)

Syllabus.—Aspects of calculus, difference equations and differential equations relevant to mathematical economics. Methods of statics, comparative statics, and dynamic process analysis.

Recommended reading.—R. G. D. Allen, *Mathematical Analysis for Economists; Mathematical Economics;* P. A. Samuelson, *Foundations of Economic Analysis;* J. M. Henderson and R. E. Quandt, *Microeconomic Theory;* W. J. Baumol, *Economic Dynamics;* D. Patinkin, *Money, Interest and Prices*, Mathematical Appendix 1.

19. Statistical Methods in Economics. Professor Phillips and Mr. Thomas. Thirty lectures and twenty classes, Michaelmas and Lent Terms. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.Sc. (Econ.) Part II (RR)—*Statistical Methods in Economics*, I 6b; (Third year students).

(**Note:** It will be assumed that students attending this course either have taken Elementary Statistical Theory at Part I or will be taking Elements of Statistical Theory and Methods at Part II.)

Syllabus.—Formulation of economic theories with a view to statistical estimation and testing. Special problems of statistical inference arising from simultaneous relations, distributed time lags and auto-correlated disturbances. Methods of analysing time series and cross-section data. A study of representative articles and books in which statistical methods have been used for investigating economic relations.

Recommended reading.—H. Theil, *Economic Forecasts and Policy;* W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method;* L. R. Klein, *A Textbook of Econometrics;* G. Tintner, *Econometrics;* K. A. Fox, *Econometric Analysis for Public Policy;* R. Stone, " The Analysis of Market Demand " (*Journal of the Royal Statistical Society*, Series A, 1945); W. C. Hood, " Empirical Studies in Demand " (*Canadian Journal of Economics and Political Science*, 1955); H. S. Houthakker, " The Econometrics of Family Budgets " (*Journal of the Royal Statistical Society*, Series A, 1952).

20. Economics Treated Mathematically. Mr. Kuska, Dr. Land, Dr. Morton and Mr. Peston. Forty lectures and thirty classes, Michaelmas and Lent Terms. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.Sc. (Econ.) Part II (RR)—*Economics treated Mathematically*, I 8b; III 8d; IV 2f; IX 1b; X 1b.

(**Note:** It will be assumed that students attending this course either have taken Mathematics B at Part I or will be taking Mathematics A at Part II.)

Syllabus.—The construction of partial equilibrium, aggregative and general equilibrium models and their use in analysing economic problems. Some aspects of the theory of games, programming and dynamic process analysis.

Recommended reading.—R. G. D. Allen, *Mathematical Analysis for Economists; Mathematical Economics;* P. A. Samuelson, *Foundations of Economic Analysis;* J. M. Henderson and R. E. Quandt, *Microeconomic Theory;* W. J. Baumol, *Economic Dynamics;* D. Patinkin, *Money, Interest and Prices*, Mathematical Appendix I; R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis;* D. Gale, *The Theory of Linear Economic Models;* S. I. Gass, *Linear Programming; methods and applications;* T. C. Koopmans (Ed.), *Activity Analysis of Production and Allocation;* H. Makower, *Activity Analysis and the Theory of Economic Equilibrium;* S. Vajda, *Readings in Linear Programming; Mathematical Programming.*

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

26. **Economics Classes.** Classes will be held in connexion with Course No. 8.

27. **Economics Classes.** A series of special classes will be held for students in the First Year of the B.A. Honours in Philosophy and Economics.

28. **Economics Class.** A class will be held by Mr. Klappholz and Dr. Corry on set books in the History of Economic Thought for students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.) (OR) and B.A. Honours in Philosophy and Economics (Third Year).

29. **Economics Class.** A class will be held weekly throughout the session on Applied Economics for students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.) (OR) and B.A. Honours in Philosophy and Economics (Third Year).

30. **Economics Class.** A class will be held weekly throughout the session on Economic Analysis for students taking the Special subject of Economics, Analytical and Descriptive, in Part II of the B.Sc. (Econ.) (OR) and B.A. Honours in Philosophy and Economics (Third Year).

31. **Economics Class.** A class will be held weekly throughout the session on Economic Analysis in connexion with Course No. 13.

FOR GRADUATE STUDENTS

35. **Selected Aspects of the Theory of Value.** Dr. Mishan. Ten lectures, Michaelmas Term.

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

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

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

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

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

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

36. **Risk, Uncertainty and Expectations.** Dr. Ozga. Five lectures, Lent Term.

For graduate students and those interested in the subject.

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

Recommended reading.—F. H. Knight, *Risk, Uncertainty and Profit;* A. G. Hart, *Anticipations, Uncertainty and Dynamic Planning;* G. L. S. Shackle, *Expectations in Economics;* C. F. Carter, G. P. Meredith and G. L. S. Shackle (Eds.), *Symposium on Uncertainty and Business Decisions;* G. Katona, *Psychological Analysis of Economic Behaviour;* M. J. Bowman (Ed.), *Expectations, Uncertainty and Business Behaviour.*

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

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

Syllabus.—The main focus of this course will be on the development of the theories of money, interest, and employment. Three main lines of approach will be traced through: (a) the Austrian developments of Wicksell's monetary analysis, with particular reference to Hayek and Mises; (b) the Swedish approach starting likewise from Wicksell and worked out in the writings of Myrdal, Ohlin, Lundberg and Lindahl; (c) the " Cambridge " tradition stemming from Alfred Marshall and including the work of Pigou, Lavington, Hawtrey, Robertson and Keynes.

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

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

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

Syllabus.—Recent developments in mathematical economics will be discussed.

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

39. Course and Seminar: Case Studies in Measurement and Testing in Economics. Dr. Corry, Professor Lipsey, Mr. Peston, Mr. Steuer and Mr. Thomas. Ten lectures, Lent Term, followed by a seminar for the first seven weeks of the Summer Term.

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

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

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

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

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

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

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

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

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

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

41. Course and Seminar. A course and seminar will be held by Professor Lipsey, Dr. Mishan and Mr. Peston for junior graduate

students. The aim of the course and seminar is to familiarise students with current economic analysis.

All new graduate students in economics are advised to obtain details from the Graduate Office.

Admission will be strictly by permission of Professor Lipsey.

The attention of graduate students is also drawn to:—

No. 11.—**Economic Analysis.**
No. 12.—**The Theory of the Firm.**
No. 15.—**The Theory of International Trade.**
No. 16.—**The Theory of Economic Policy.**
No. 18.—**Introductory Mathematical Economics.**

II. APPLIED ECONOMICS
(including Money and Banking, International Economics, Business Administration and Accounting, and Transport)

(a) General

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

Optional for B.Sc. (Econ.) Part I (RR); for B.Sc. (Econ.) Part II (RR)—*Problems of Applied Economics*, I 5; II 5; IV 5a (Second Year students); B.A. Honours in Philosophy and Economics (Second Year). B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (First Year). Diploma in Social Administration (First Year); Diploma in Personnel Management.

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

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

46. Applied Economics: the Labour Market. Professor Phelps Brown. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Problems of Applied Economics*, I 5; II 5; IV 5a (Second Year students) and B.A. Honours in Philosophy and Economics (Second Year).

Syllabus.—The labour market; deployment of the labour force; combinations and collective bargaining; public regulations; wage structures.

Recommended reading.—L. G. Reynolds, *Labor Economics and Labor Relations* (2nd edn.), Pt. II; D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Pt. I; L. G. Reynolds and C. H. Taft, *The Evolution of Wage Structure;* (Baroness) B. Wootton, *The Social Foundations of Wage Policy;* E. H. Phelps Brown, " Wage Policy and Wage Differences ", *Economica*, Nov. 1955; J. R. Hicks, " The Theory of Wage Differentials ", Appx. to *Essays in World Economics;* J. T. Dunlop, *Wage Determination under Trade Unions*. Clark Kerr and L. G. Reynolds in J. T. Dunlop (ed.), *The Theory of Wage Determination*, P. Ford, *The Economics of Collective Bargaining;* H. M. Douty, " Some effects of the $1.00 minimum wage in the United States ", *Economica*, Nov. 1960.

47. The System of Public Finance. Mr. Turvey. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Problems of Applied Economics*, I 5; II 5; IV 5a; (Second Year students). B.A. Honours in Philosophy and Economics (Second Year). B.A./

B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (First Year). For Diploma in Social Administration (First Year). Optional for Diploma in Public Administration (First Year).

Syllabus.—This course is designed to serve as an introduction to Public Finance. It will be primarily a description of the system of public finance and will cover such subjects as the problems of taxation and expenditure, the mechanism of Parliamentary control of finance, and the fiscal relations of central and local governments.

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

48. Recent Economic Developments. Professor Paish. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part I (OR) (Third Year, evening)—B.Sc. (Econ.) Part II (RR)—*Problems in Applied Economics*, I 5; II 5; IV 5a (Second Year students); B.A. Honours in Philosophy and Economics (Second Year); and also for other students interested. For B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (Second Year). For Diploma in Social Administration (Second Year); Diploma in Personnel Management.

Syllabus.—Population. National Income. Industrial Production. Money and Prices. Money Wages and Real Wages. Foreign Trade. Balance of Payments, Interest Rates and Exchange Rates. Employment and Unemployment. Government Finance. Saving and Investment.

Recommended reading.—A. J. Youngson, *The British Economy*, 1920–1957; W. A. Lewis, *Economic Survey*, 1919–1939; A. C. Pigou, *Aspects of British Economic History*, 1918–1925; H. W. Arndt, *The Economic Lessons of the Nineteen-thirties; Report of the Royal Commisson on Population*, 1949 (Cmd. 7695); F. W. Paish, *Studies in an Inflationary Economy;* A. R. Prest, " National Income of the United Kingdom, 1870–1946 " (*Economic Journal*, Vol. 58); A. L. Bowley (Ed.), *Studies in the National Income*, 1924–1938; A. C. Pigou and C. Clark, *The Economic Position of Great Britain* (London and Cambridge Economic Service Special Memorandum No. 43); A. L. Bowley, *Wages, Earnings and Hours of Work*, 1914–1947 (London and Cambridge Economic Service Special Memorandum No. 50); Annual *Financial Statements; National Income and Expenditure*, 1961; *United Kingdom Balance of Payments*, 1958 to 1960 (Cmnd. 1329); *Economic Survey for* 1961 (Cmnd. 1334); *The Ministry of Labour Gazette; Board of Trade Journal; London and Cambridge Economic Service Bulletins; National Institute Review*.

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

For B.Sc. (Econ.) Part I (OR) (Third Year evening). For B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (Second Year).

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

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

50. Problems of Applied Economics. Professor Devons, Professor Lipsey and Mr. Klappholz. Thirty lectures. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.Sc. (Econ.) Part II (RR)—*Problems of Applied Economics*, I 5; II 5; IV 5a. (Third Year students).

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

For B.Sc. (Econ.) Part II (OR)—Special subject of Economics, Analytical and Descriptive; Optional for Special subjects of Money and Banking, Option (v) (b); Industry and Trade, Option (iv) (a); and Accounting, Option (v) (a); B.A. Honours in Philosophy and Economics (Third Year); and for graduate students.

Syllabus.—General changes in interest rates. Differential changes in long-term and short-term rates. Relationship between long-term and short-term rates on simplified assumptions. Progressive removal of assumptions: fulfilment of expectations; certainty of expectations; perfect creditworthiness; absence of costs; absence of marketability; unanimity of expectations; competitive market; free market; unified market. Expectations and the concept of normality; adjustment of the concept of normality. Interest rates and the Quantity of Money. Long-term and short-term rates in the United Kingdom since 1890.

Recommended reading.—Reading will be recommended during the course.

52. Economics of Industry and Trade. Professor Yamey and Mr. Townsend. Thirty-six lectures, Lent and Summer Terms, 1962–63, Michaelmas and Lent Terms, 1963–64.

For B.Sc. (Econ.) Part II (RR)—*Industry and Trade*, I 8f; III 5; IV 5b.

Syllabus.—(a) The organisation of the allocation of resources: firms, markets, other institutions. Industry structure, market forms, and market behaviour. The objectives of firms. The growth of firms. (b) The recent history, structure and problems of selected branches of industry and trade and of selected markets. (c) Public policy in relation to industry and trade. The objectives and techniques of public policy. The relevance of economic theory. Public policy relating to industrial location, innovation, investment, the structure of industry including monopolies and restrictive practices, government-owned enterprises, stabilisation of commodity prices, and export trade.

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

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

For B.Sc. (Econ.) Part II (OR)—Special subjects of Industry and Trade and of Economics, Analytical and Descriptive. For Special Subject of Accounting, Option (v) (b), parts of this course to be announced later will be appropriate; Diploma in Operational Research and B.A. Honours in Philosophy and Economics (Third Year).

Syllabus.—The same as the syllabus of course 52, with less extensive treatment of sections (b) and (c).

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

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

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

Syllabus.—The special problems of Government-owned and Government-controlled enterprises: including compensation for compulsory purchase, control by Parliament and Government, methods of organisation, control of competition and the determination of prices.

Recommended reading.—On Organisation and Finance: (i) General: *Reports of the Select Committees on Nationalised Industries* (synopsis in H.C. 116, 1962; *The Financial Obligations of the Nationalised Industries* (Cmnd. 1337, 1961); *Control of Public Expenditure* (Cmnd. 1432, 1961); Annual White Papers on *Public Investment in Great Britain* and *Government Expenditure below the line*; Acton Society Trust, *Studies in Nationalised Industry;* H. A. Clegg and T. E. Chester, *The Future of Nationalisation;* L. P. Foldes, " The Control of Nationalised Industries " (*Public Law*, Spring, 1957); A. Nove, " The Problem of Success Indicators in Soviet Industry " (*Economica*, Feb. 1958). (ii) On Individual Industries: R. H. Coase, *British Broadcasting: A Study in Monopoly;* National Coal Board, *Report of the Advisory Committee on Organisation*, Feb. 1955 and *Revised Plan for Coal* (1959); *Report of the Committee of Inquiry into the Electricity Supply Industry* (Cmd. 9672, 1956), also *Government Proposals* (Cmnd. 27, 1956); *Report of the Committee on National Policy for the Use of Fuel and Power Resources* (Cmd. 8647, 1952); *A Programme of Nuclear Power* (Cmd. 9389, 1955); *Railway Reorganisation Scheme* (Cmd. 9191, 1954); British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); *Purchasing Procedure of the B.T.C.* (Cmnd. 262, 1957); *Reorganisation of the Nationalised Transport Undertakings* (Cmnd. 1248, 1960); *Report of the Committee of Enquiry into London Transport* (Chambers Report), 1955; *Reports* of the Iron and Steel Board; D. Burn, *The Steel Industry*, 1939–59; *The Status of the Post Office* (Cmnd. 989, 1960). See also recent legislation and Annual Reports of Public Corporations.

On Pricing: R. H. Coase, " The Economics of Uniform Pricing Systems" (*The Manchester School*, May, 1947); " The Marginal Cost Controversy " (*Economica*, Aug. 1946); W. A. Henderson, " The Pricing of Public Utility Undertakings " (*The Manchester School*, Sept. 1947); I. M. D. Little, *A Critique of Welfare Economics; The Price of Fuel;* J. Wiseman, "The Theory of Public Utility Price—An Empty Box " (*Oxford Economic Papers*, Feb. 1957); M. Boiteux, " La tarification des demandes en pointe " (*Revue Generale de l'Electricite*, 1949); R. G. Lipsey and K. Lancaster, " The General Theory of Second Best " (*Review of Economic Studies*, Vol. XXIV, No. 1); S. R. Dennison, " The Price Policy of the National Coal Board " (*Lloyds Bank Review*, Oct. 1952); H. S. Houttakker, " Electricity Tariffs in Theory and Practice " (*Economic Journal*, March, 1951); G. J. Ponsonby, " Towards a New Railway Charges Policy " (*Jnl. of the Institute of Transport*, Sept. 1954); L. P. Foldes, " Iron and Steel Prices " (*Economica*, Nov. 1956).

On Compensation: J. K. Eastham, "Compensation Terms for Nationalised Industry" (*The Manchester School*, Jan. 1948); R. H. Coase, " The Nationalisation of Electricity Supply in Great Britain " (*Journal of Land Economics*, Feb. 1950).

General Works: L. Gordon, *The Public Corporation in Great Britain;* W. A. Robson, *The Nationalised Industries;* D. N. Chester, *The Nationalised Industries: An Analysis of the Statutory Provisions* (2nd edn., 1951); J. R. Sleeman, *British Public Utilities;* H. S. Morrison, *Socialisation and Transport;* R. S. Edwards and H. Townsend, *Business Enterprise, its Growth and Organisation;* R. Kelf-Cohen, *Nationalisation in Britain.*

55. Labour: organisation and relations. Professor Phelps Brown. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Industry and Trade; Part II (RR)—*Industry and Trade*, I 8f; III 5; IV 5b.

Syllabus.—The working population: deployment and mobility. Trade union structure: some international comparisons. Methods of wage determination: collective bargaining; wages councils; public control of wages; public action to settle disputes. Scientific management and work study. Methods of wage payment. Problems of wage structure; job evaluation. Studies in motivation and morale. Joint consultation. Use of statistical sources for the working population, wage rates and earnings, the cost of living, labour turnover.

Recommended reading.—S. and B. Webb, *Industrial Democracy;* A. E. C. Hare, *The First Principles of Industrial Relations;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain;* H. S. Kirkaldy, " Industrial Relations in Great Britain " (*International Labour Review*, Vol. LXVIII, No. 6, Dec., 1953); P. Ford, *The Economics of Collective Bargaining;* B.P.P. 1953–54, *Report of a Court of Inquiry into a Dispute between employers and workmen in engineering*

(Cmd. 9084); U.K. Ministry of Labour, *Industrial Relations Handbook* (1961 edn.); A. Flanders, *Trade Unions;* E. L. Wigham, *Trade Unions* (H.U.L.); B. C. Roberts, *Trade Union Government and Administration in Great Britain;* P. H. Norgren, *The Swedish Collective Bargaining System;* Lloyd Ulman, "*American Trade Unionism—Past and Present*", in S. E. Harris (Ed.), *American Economic History;* W. Galenson, *Comparative Labor Movements;* Trades Union Congress, *Trade Union Structure and Closer Unity* (1944), *Trade Unions and Productivity* (1950); S. H. Slichter, J. J. Healy and E. R. Livernash, *The Impact of Collective Bargaining on Management;* L. G. Reynolds and C. H. Taft, *The Evolution of Wage Structure;* I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain;* D. Sells, *British Wages Boards;* K. F. Walker, *Industrial Relations in Australia;* F. W. Taylor, *The Principles of Scientific Management;* W. Lloyd Warner and J. O. Low, *The Social System of the Modern Factory;* T. N. Whitehead, *The Industrial Worker;* F. J. Roethlisberger and W. J. Dickson, *Management and the Worker;* H. A. Landsberger, *Hawthorne Revisited;* S. Webb, *The Works Manager Today* (1917); D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Part I; I.L.O., *Introduction to Work Study;* J. J. Gracie, *A Fair Day's Pay;* C. W. Lyttle, *Wage Incentive Methods;* G. S. Walpole, *Management and Men;* E. Jaques, *The Changing Culture of a Factory;* H. A. Clegg, *A New Approach to Industrial Democracy;* P. Sargant Florence, *Labour;* U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources, No. 1, Labour Statistics* (revised edition).

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

For B.Sc. (Econ.) Part II (OR)—Special subjects of Money and Banking, Option (v) (b); Industry and Trade, Option (iv) (a); and Accounting, Option (v) (a); Part II (RR)—*Business Finance*, I 8j; III 8c (Third Year students).

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

Syllabus.—The Stock Exchange; issuing houses; insurance companies; investment trusts; building societies; hire purchase finance; bank credit; finance of foreign trade; official and semi-official financial institutions.

Recommended reading.—F. W. Paish, *Business Finance;* A. C. L. Day, *Outline of Monetary Economics;* H. B. Rose, *The Economic Background to Investment;* F. Lavington, *The English Capital Market;* N. A. D. Macrae, *The London Capital Market;* F. W. Paish, *Studies in an Inflationary Economy*, Chaps. 12–14; H. C. Edey and A. T. Peacock, *National Income and Social Accounting*, Parts 1 and 3; J. H. B. Tew and R. F. Henderson, *Studies in Company Finance;* Institute of Economic Affairs, *Not Unanimous; Report of the Committee on the Working of the Monetary System* (*Radcliffe Report*, Cmnd. 827); N.I.E.S.R., *Company Income and Finance*, 1949–53; R. F. Henderson, *The New-Issue Market and the Finance of Industry;* M. S. Rix, *Stock Exchange Economics;* H. Wincott, *The Stock Exchange;* O. R. Hobson, *How the City Works;* F. W. Paish and G. L. Schwartz, *Insurance Funds and their Investment;* H. E. Raynes, *A History of British Insurance;* S. J. Lengyel, *Insurance Companies' Accounts;* L. G. Hodgson, *Building Societies;* Building Societies Association, *Reports of the Council;* R. Harris and A. Seldon, *Hire Purchase in a Free Society;* "Role of the Investment Trusts" (*The Economist*, 15 August, 1953, p. 467); C. O. H. Merriman, *Unit Trusts and How they work;* J. R. Cuthbertson, "Hire Purchase in the U.K." (*London and Cambridge Economic Service Bulletin*, No. 21, March, 1957); "Hire Purchase Controls and Fluctuations in the Car Market" (*Economica*, May, 1961); Industrial and Commercial Finance Corporation Ltd., *Annual Report* 1961–62.

The following may be used for reference: L. C. B. Gower, *The Principles of Modern Company Law;* F. E. Armstrong, *The Book of the Stock Exchange;* "National Income and Expenditure, 1962" (H.M.S.O.).

57. Financing Problems of Business. Mr. Kennedy. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Money and Banking, Option (v) (b); Industry and Trade, Option (iv) (a); and Accounting, Option (v) (a); Part II (RR)—*Business Finance*, I 8j; III 8c (Second or Third Year students).

Syllabus.—Factors influencing the demand and supply functions for capital facing the firm; policy formation in the light of these functions; Capital structure and gearing; the measurement and evaluation of investment projects; the influence of risk; take-overs; timing of finance and the structure of market interest rates.

Recommended reading.—F. W. Paish, *Business Finance;* H. Bierman and S. Smidt, *The Capital Budgeting Decision;* Ezra Solomon, *The Management of Corporate Capital.*

Further specialised readings will be given as the course proceeds.

Reference should also be made to the following courses:—

No. 58.—**The Economics of Public Finance.**
No. 137.—**Accounting: Budgeting and Costing.**

58. The Economics of Public Finance. Mr. Turvey and Dr. Mishan. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economics, Analytical and Descriptive, Option (iv) (a); Money and Banking, Option (v) (a); International Economics, Option (v) (a); Industry and Trade, Option (iv) (a); Accounting, Option (v) (a) and (d); and Government, Option (v) (c); Part II (RR)—*Public Finance*, I 3f or 8c; II 8d; (Second or Third Year students). Diploma in Public Administration (Second Year).

Syllabus.—Analysis of the economic effects of government fiscal and monetary policies, including: (i) Partial and general equilibrium analysis of various taxes and subsidies; incidence, progression, etc.; (ii) Fiscal policy and the control of the economy; (iii) Economic theory of the public economy and of public expenditures; (iv) Problems of federal finance. These topics will be treated both analytically and in relation to British institutions and current problems.

Recommended reading.—A. R. Prest, *Public Finance in Theory and Practice;* H. Brittain, *The British Budgetary System;* U. K. Hicks, *British Public Finance: Its Structure and Development*, 1880–1952; A. T. Peacock and J. Wiseman, *The Growth of Public Expenditure in the United Kingdom; Committee on the Working of the Monetary System* (the *Radcliffe Report*) (Cmnd. 827); R. N. McKean, *Efficiency in Government through Systems Analysis;* R. A. Musgrave, *The Theory of Public Finance;* J. M. Buchanan, *The Public Finances;* B. Hansen, *The Economic Theory of Fiscal Policy;* R. A. Musgrave and C. S. Shoup (Eds.), *Readings in the Economics of Taxation;* K. Philip, *Intergovernmental Fiscal Relations;* R. A. Musgrave and A. T. Peacock (Eds.), *Classics in the Theory of Public Finance;* H. C. Edey and A. T. Peacock, *National Income and Social Accounting;* W. J. Baumol, *Welfare Economics and the Theory of the State;* P. A. Samuelson, "Diagrammatic Exposition of a Theory of Public Expenditures" (*Review of Economics and Statistics*, November, 1955); Royal Commission on the Taxation of Profits and Income, *Second Report* (Cmd. 9105) and *Final Report* (Cmd. 9474); N. Kaldor, *Expenditure Tax;* W. S. Vickrey, *Agenda for Progressive Taxation;* W. J. Blum and H. Kalven, *The Uneasy Case for Progressive Taxation;* H. C. Simons, *Personal Income Taxation;* K. Knorr and W. J. Baumol, *What Price Economic Growth;* A. R. Prest, *The Future of Purchase Tax* (Hobart Papers No. 8); R. Turvey, *Equity and a Capital Gains Tax* (Oxford Economic Papers, June, 1960); A. C. Pigou, *A Study in Public Finance;* G. Myrdal, *The Political Element in the Development of Economic Theory*, Chap. VII; J. M. Buchanan, *Public Principles of Public Debt;* A. Williams, "The Finance of Local Government in England and Wales since 1948" (*National Tax Journal*, 1959); A. Morag, "Deflationary Effects of Outlay and Income Taxes" (*Journal of Political Economy*, June 1959); R. G. Lipsey and K. J. Lancaster, "The General Theory of Second Best" (*Review of Economic Studies*, December, 1956); F. W. Paish, "The Real Incidence of Personal Taxation" (*Lloyds Bank Review*, January, 1957); R. Turvey, "Some Notes on Multiplier Theory" (*American Economic Review*, June, 1953); W. J. Baumol and M. H. Peston, "More on the Multiplier Effects of a Balanced Budget" (*American Economic Review*, March, 1955); American Economic Association, A. Smithies and J. Keith (Eds.), *Readings in Fiscal Policy; Income, Employment and Public Policy: Essays in Honor of Alvin Hansen* (Chaps. by Samuelson, E. Cary Brown, Bishop and Musgrave); A. T. Peacock (Ed.), *Income Redistribution and Social Policy;* A. D.

Scott, " A Note on Grants in Federal Countries " (*Economica*, November, 1950); J. M. Buchanan, " Federalism and Fiscal Equity " (*American Economic Review*, September, 1950); J. Wiseman, " The Future of Local Government Finance " (*Lloyds Bank Review*, July, 1957); D. Dosser, " Tax Incidence and Growth " (*Economic Journal*, September 1961); F. Modigliani, " Long run implications of alternative fiscal policies and the burden of the National Debt" (*Economic Journal*, December, 1961); L. Einaudi, " On the Methodology of the Theory of Tax Capitalization " (*International Economic Papers*, Vol. 7); P. Streeten, " The Effect of Taxation on Risk-Taking " (*Oxford Economic Papers*, October 1953); C. A. Hall and J. Tobin, " Income taxation, output and prices " (*Economia Internazionale*, February, 1956); C. Shoup, " Tax Tension and the British Fiscal System " (*National Tax Journal*, March, 1961); P. H. Pearse " Automatic Stabilization and the British Taxes on Income " (*Review of Economic Studies*, February, 1962).

Further references will be given during the course.

59. Economic Aspects of British Social Services. Mr. Wiseman. Nine lectures, Lent Term. (This course will not be given in the session 1962-63.)

For B.Sc. (Econ.) Part II students taking the paper in public finance; for graduate students in public finance.

Syllabus.—The nature of the important general economic issues raised by the provision of social services will be considered, and the conclusions will be used in the examination of aspects of particular British services.

Recommended reading.—N. P. Hall, *The Social Services of Modern England; Social Insurance and Allied Services* (Cmd. 6404); A. G. B. Fisher, *Economic Progress and Social Security;* A. T. Peacock, *The Welfare Society* (The Unservile State Papers, No. 2); J. H. Richardson, *Economic and Financial Aspects of Social Security;* R. M. Titmuss, *Problems of Social Policy;* W. Hagenbuch, *Social Economics;* R. A. Solo (Ed.), *Economics and the Public Interest;* A. M. Cartter, *The Redistribution of Income in Post-war Britain*; A. T. Peacock, *Income Redistribution and Social Policy;* B. de Jouvenel, *The Ethics of Redistribution;* E. Seligman, *Progressive Taxation in Theory and Practice;* W. J. Blum and H. Kalven, *The Uneasy Case for Progressive Taxation*; J. Wiseman, " The Government Pension Plan " (*London and Cambridge Economic Service*, March, 1959); J. Wiseman, " Pensions in Britain " (*Finanz Archiv*, 1959); F. W. Paish and A. T. Peacock, " Economics of Dependence, 1952–1982 " (*Economica*, November, 1954); *Provision for Old Age* (Cmnd. 538); *National Superannuation* (Labour Party, London); *Security for Our Pensioners* (Liberal Party, London); A. T. Peacock, *The Economics of National Insurance;* A. Seldon, *Pensions in a Free Society* (Institute of Economic Affairs); A. T. Peacock, " The Economics of National Superannuation " (*Three Banks Review*, September, 1957); J. Vaizey, *The Cost of Education;* J. Wiseman, " The Economics of Education " (*Scottish Journal of Political Economy*, February, 1959, and subsequent discussion); A. T. Peacock and J. Wiseman, " The Finance of State Education in the United Kingdom " (*Year Book of Education*, 1956); J. Wiseman, " The Future of Local Government Finance " (*Lloyds Bank Review*, July, 1957); B. Abel Smith and R. M. Titmuss, *The Cost of the National Health Service;* King Edward's Hospital Fund, *Report on Costing Investigation for the Ministry of Health;* Nuffield Provincial Hospitals Trust, *Report of an Experiment in Hospital Costing;* F. Roberts, *The Cost of Health;* J. P. Martin, *Social Aspects of Prescribing;* R. A. Kessel, " Price Discrimination in Medicine " (*Journal of Law and Economics*, October, 1958); W. Hagenbuch, " The Welfare State and its Finances " (*Lloyds Bank Review*, July, 1958); D. S. Lees, " The Economics of Health Services " (*Lloyds Bank Review*, April, 1960); W. C. Peterson, *The Welfare State in France*.

60. The Economics of the Labour Market. Professor Phelps Brown. Ten lectures, Lent Term.

For B.A.Hons. in Philosophy and Economics (First Year); B.A./B.Sc. (Sociology) and B.A. Honours in Geography—Subsidiary subject of Economics (First Year). Also for Diploma in Social Administration (First Year), Diploma in Personnel Management, Engineers and Applied Scientists.

Syllabus.—The forces that bear upon the fixing of rates of pay for particular jobs: custom, status, job evaluation, supply and demand, bargaining power. Methods of wage payment: work study; incentives. The movement of the general level of rates of pay in money; effects of full employment. The determination of real wages: the distribution of the product.

Recommended reading.—L. G. Reynolds, *Labor Economics and Labor Relations*, Part II; P. Ford, *The Economics of Collective Bargaining;* L. G. Reynolds and C. M. Taft, *The Evolution of Wage Structure;* D. J. Robertson, *Factory Wage Structure and National Agreements;* I.L.O., *Introduction to Work Study;* J. J. Gracie, *A Fair Day's Pay*.

61. The Economics of Labour. Professor Phelps Brown and Mrs. J. Marquand. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (RR)—*Economics of Labour*, I 8h; III 6b.

Syllabus.—*First ten lectures* (Professor Phelps Brown). The movements of the general level of money wage-rates in the course of history, and the causes of movement and stability. Analysis of the causes and effects of movements in rates of pay under full employment.

The movement of the general level of real earnings: the analysis of the distribution of the national product between labour and other factors of production in the course of economic growth.

Second ten lectures (Mrs. J. Marquand). The determination of the rates of pay in particular jobs at a given time: the analysis of the demand for and the supply of labour in particular employments. Forms of the labour market. Reasons for differentials, and for the course of change in them since 1914. The effects of trade unions on the relative rates of pay in different jobs; analysis of bargaining power.

Recommended reading.—E. H. Phelps Brown and S. V. Hopkins, " Seven Centuries of Building Wages ", *Economica*, August, 1955, " Seven Centuries of the Prices of Consumables, compared with Builders' Wage-rates ", *Economica*, November, 1956, " Wage-rates and Prices: evidence for population pressure in the 16th Century ", *Economica*, November, 1957; U.K. Council on Prices, Productivity and Incomes, *First Report*, 1958, *Fourth Report*, 1961; L. A. Dicks-Mireaux and J. C. R. Dow, " The Determinants of Wage Inflation, U.K. 1946–56 ", *Journal of the Royal Statistical Society* (A), 2, 1959; J. M. Clark, *The Wage-Price Problem;* A. M. Cartter, *Theory of Wages and Employment;* D. J. Robertson, *The Economics of Wages and the Distribution of Income*, Pt. II; E. H. Phelps Brown and P. E. Hart, " The Share of Wages in National Income ", *Economic Journal*, June, 1952; R. M. Solow, " A Skeptical Note on the Constancy of Relative Shares ", *American Economic Review*, September, 1958; P. H. Douglas, " Are there Laws of Production?", *American Economic Review*, March, 1948; E. H. Phelps Brown, " The Meaning of the Fitted Cobb-Douglas Function ", *Quarterly Journal of Economics*, November, 1957; N. Kaldor, " Alternative Theories of Distribution ", *Review of Economic Studies*, March, 1956; M. H. Dobb, *Wages;* D. J. Robertson, *The Economics of Wages and the Distribution of Income, Pt. I;* (Baroness) B. Wootton, *The Social Foundations of Wage Policy;* J. Garbarino, "A Theory of Inter-Industry Wage Structure Variations ", *Quarterly Journal of Economics*, May, 1950; K. G. Knowles and D. J. Robertson, " Differences between the Wages of Skilled and Unskilled Workers, 1880–1950 ", *Oxford University Institute of Statistics Bulletin*, April, 1951; H. A. Turner, " Trade Unions, Differentials and the Levelling of Wages ", *Manchester School*, September 1952; K. G. Knowles and T. P. Hill, " The Structure of Engineering Earnings ", *Oxford University Institute of Statistics Bulletin*, Sept.–Oct., 1954; H. A. Turner, " Wages: Industry Rates, Workplace Rates and the Wage-Drift ", *Manchester School*, May, 1956; W. H. Sales and J. L. Davis, " Introducing a New Wage Structure into Coal Mining ", *Oxford University Institute of Statistics Bulletin*, August, 1957; S. W. Lerner and J. Marquand, " Workshop Bargaining, Wage Drift and Productivity in the British Engineering Industry ", *Manchester School*, January, 1962; J. Pen, " A General Theory of Bargaining ", *American Economic Review*, March, 1952; G. L. S. Shackle, " The Nature of the Bargaining Process ", in J. T.

Dunlop (Ed.), *The Theory of Wage Determination;* T. C. Schelling, "An Essay on Bargaining", *American Economic Review*, June, 1956; H. M. Levinson, "Post-war Movement of Prices and Wages in Manufacturing Industries", U.S.A. 86th Congress, Joint Economic Committee, Study Paper No. 21, 1960; C. IV, "Principles of Pay", in *Report of Royal Commission on the Civil Service* 1953–55 (Cmd. 9613 of 1955).

62. Economics. Professor Sayers, Professor Devons and Professor Phelps Brown. Forty lectures, Michaelmas, Lent and Summer Terms, 1962–63 and Michaelmas Term, 1963–64.

For B.Sc. (Econ.) Part II (RR), paper 1 for V, VI, VII, VIII, XI, XII, XIII, and XIV.

Syllabus.—The workings of contemporary economics (with special reference to the United Kingdom): their institutions, processes and problems, and the application of elementary economic analysis to the study of these.

(*a*) Professor Sayers: Fifteen lectures, Michaelmas and Lent Terms.
Banking and financial institutions; the capital market.
Savings, investment and income; employment and unemployment; the price level.
International economics: international trade and its control; the external balance; the valuation of national currencies; international economic institutions; economic integration.

(*b*) Professor Devons: Fifteen lectures, Lent and Summer Terms.
The distribution of the national income between factors of production.
The structure of the economy; the public sector, including nationalised industries; the private sector, manufacturing and mining, transport, distribution of goods, market structures.
The labour market; deployment of the labour force; combinations and collective bargaining; public regulation; wage structures.
The government and the private sector: location policy, monopoly policy, agricultural policy; the control of the use of natural resources; other instances of intervention.

(*c*) Professor Phelps Brown. Ten lectures, Michaelmas Term (1963–64).
The economics of social policy, including housing, rents, pensions, and unemployment insurance.
Economic growth.
Planning: the mixed economy; the socialist economy.

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

63. Public Finance (Class). Mr. Turvey will hold a weekly class during the Lent Term for candidates taking the Public Finance Option in the B.Sc. (Econ.) Part II (OR) and (RR) examinations.

64. Business Finance (Class). Professor Paish will hold a series of classes for those B.Sc. (Econ.) Part II (OR) and (RR) Third Year students who are taking the optional subject of Business Finance.

65. Industry and Trade Class. Professor Sir Arnold Plant will conduct a class for students taking the Special subject of Industry and Trade in Part II of the B.Sc. (Econ.) (OR).

66. Economics of Industry Classes. Professor Yamey and others will hold a series of classes for B.Sc. (Econ.) Part II students taking the Special Subject of Industry and Trade (OR) and (RR) or the optional paper Industry and Trade in the Special Subjects of Economics, Analytical and Descriptive, and Accounting.

67. Problems of Applied Economics. A class will be held in the session 1963–64 for B.Sc. (Econ.) Part II (RR) students taking *Problems of Applied Economics*, I 5; II 5; IV 5a.

68. Economics. Classes will be arranged in connexion with Course No. 62.

FOR GRADUATE STUDENTS

70. Finance (Seminar). Professor Paish will conduct a seminar for graduate students of Public Finance, Business Finance and related subjects. The seminar will be held fortnightly during the Michaelmas and Lent Terms and admission will be by permission of Professor Paish.

71. Seminar in Labour Problems. Professor Phelps Brown, Professor Roberts and Mr. Steuer will hold a seminar throughout the session, on problems of the economics of labour and industrial relations. Admission will be by permission of Professor Phelps Brown, Professor Roberts and Mr. Steuer.

72. Problems in Industrial Relations. A weekly seminar is to be held in the Summer Term by Professor Roberts, Miss Seear and Mr. Thurley together with visiting speakers, to discuss current issues and research in the field of industrial relations. The seminar will be open to graduate students and permission to attend should be obtained from Professor Roberts.

(b) Money and Banking

80. Current Economic Developments. Mr. R. F. G. Alford. Five classes, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Monetary Institutions*, II 7.

Syllabus.—The current economic situation in the U.K., with some attention to the major changes abroad. Emphasis will be upon the use of the main sources of statistical information on national income, the balance of payments, Exchequer financing, etc. Official policy and pronouncements, and some of the views expressed in the main periodicals, will also be discussed.

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

81. English Monetary and Banking History. Dr. Pressnell and Mr. Day. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Money and Banking, and in the Lent Term only for Part II (RR)—*Monetary Institutions*, II 7. Recommended for graduate students.

Recommended reading.—W. T. C. King, *History of the London Discount Market;* J. Viner, *Studies in the Theory of International Trade;* J. H. Clapham, *The Bank of England;* E. Cannan, *The Paper Pound;* R. G. Hawtrey, *A Century of Bank Rate;* A. B. Cramp, *Opinion on Bank Rate*, 1822–60; T. E. G. Gregory, *Introduction to Tooke and Newmarch* (L.S.E. Reprint); T. E. G. Gregory, *British Banking Statutes and Reports;* T. E. G. Gregory, *The Westminster Bank;* W. F. Crick and J. E. Wadsworth, *One Hundred Years of Joint Stock Banking;* H. Thornton, *Paper Credit;* G. J. Goschen, *The Theory of the Foreign Exchanges;* W. Bagehot, *Lombard Street;* Report of the Committee on Finance and Industry (Cmd. 3897, 1931); W. W. Rostow, *British Economy of the Nineteenth Century;* E. V. Morgan, *Studies in British Financial Policy*, 1914–25; T. S. Ashton and R. S. Sayers (Eds.), *Papers in English Monetary History;* R. C. O. Matthews, *A Study in Trade Cycle History*, 1833–42; L. S. Pressnell, *Country Banking in the Industrial Revolution;* E. Nevin, *The Mechanism of Cheap Money;* R. S. Sayers, *Central Banking after Bagehot; Financial Policy*, 1939–45; *Lloyds Bank in the History of English Banking;* Sir Henry Clay, *Lord Norman;* L. V. Chandler, *Benjamin Strong.*

82. Monetary Policy. Mr. R. F. G. Alford. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Money and Banking and International Economics; Part II (RR)—*Monetary Institutions*, II 7, *Principles of Monetary Economics*, I 8i; II 6.

Syllabus.—This course will cover both theoretical and applied aspects of monetary policy, the latter in relation chiefly to the experience of the United Kingdom.

Recommended reading.—Report of the Committee on the Working of the Monetary System (the Radcliffe Report, Cmnd. 872).

Other references will be given as the course proceeds.

83. Comparative Banking—I. Dr. Pressnell. Ten lectures, Michaelmas Term.

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

Recommended reading.—Detailed references will be given during lectures. The following, some of which are not up to date, provide a general introduction to the content of the course: H. W. Arndt, *The Australian Trading Banks* (2nd edn.); B. H. Beckhart (Ed.), *Banking Systems;* G. Davies (Ed.), *Central Banking in South and East Asia;* M. H. De Kock, *Central Banking* (3rd edn.); P. G. Fousek, *Foreign Central Banking;* W. T. Newlyn and D. C. Rowan, *Money and Banking in British Colonial Africa;* H. V. Prochnow (Ed.), *The Federal Reserve System;* R. S. Sayers (Ed.), *Banking in the British Commonwealth;* S. N. Sen, *Central Banking in Underdeveloped Money Markets;* J. S. G. Wilson, *French Banking Structure and Credit Policy;* Papers and Proceedings of the First International Credit Conference; Memoranda and oral evidence of central bankers to the Committee on the Working of the Monetary System (*The Radcliffe Report*, Cmnd. 827).

Amongst periodical publications, reference should be made in particular to the *Quarterly Bulletin* of the Bank of England; *The Banker* (monthly), the *Monthly Review* of the Federal Reserve Bank of New York, and the *Banca Nazionale del Lavoro Quarterly Review.*

84. Comparative Banking—II. Dr. Pressnell and others. Ten lectures, Lent Term.

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

85. Theory of International Monetary Economics. Mr. Day. Ten lectures, Michaelmas Term.

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

86. Applied International Monetary Economics. Mr. Day. Ten lectures, Michaelmas and Lent Terms. (Beginning in sixth week of Michaelmas Term.)

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

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

Recommended reading.—J. H. B. Tew, "Sterling as an international currency" (*Economic Record*, 1948); League of Nations, II. Economic and Financial, 1944, II. A.4, *International Currency Experience;* W. A. Lewis, *Economic Survey*, 1919–1939; United Nations Monetary and Financial Conference, Bretton Woods, Final Act (*British Parliamentary Papers*, 1943–4, Vol. VIII, Cmd. 6546); J. H. B. Tew, *International Monetary Co-operation;* F. C. C. Benham, *The Colombo Plan and other Essays;* R. Triffin, *Europe and the Money Muddle; Gold and the Dollar Crisis;* R. N. Gardner, *Sterling-Dollar Diplomacy.*

Further reading will be recommended during the course.

87. Topics in the Theory of International Monetary Economics. Mr. Day. Five lectures, Summer Term.

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

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

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

88. International Monetary Economics (Class). Mr. Steuer and Mr. Grant will hold a series of fifteen classes of one hour each, in the Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term, in connexion with Courses Nos. 86 and 87.

89. Monetary Economics (Seminar). Professor Sayers and Dr. Pressnell will hold a seminar for B.Sc. (Econ.) Part II (OR) students, specialising in Money and Banking. The seminar will be held for one and a half hours weekly during the Michaelmas and Lent Terms. Admission will be strictly by permission of Professor Sayers, to whom written applications must be addressed.

90. **Monetary Economics (Seminar).** Professor Sayers and Dr. Pressnell will hold a seminar, for B.Sc. (Econ.) Part II (RR) students, taking Special Subject II—Monetary Economics, for one-and-a-half hours weekly during the Summer Term.

91. **Advanced Monetary Economics (Seminar).** Professor Sayers and Mr. Day will hold a seminar for graduate students. It will be given by Professor Sayers in the Michaelmas and Summer Terms and by Mr. Day in the Lent Term, for one-and-a-half hours weekly. Admission will be strictly by permission of Professor Sayers, to whom written applications must be addressed.

92. **Monetary Theory (Class).** A class will be held by Mr. Grant weekly in the Michaelmas and Lent Terms, beginning in the third week of the Michaelmas Term, for students taking the B.Sc. (Econ.) Part II (OR) special subjects of Money and Banking, and of International Economics, Option (iv) (a).

93. **Banking (Seminar).** Professor Sayers will hold a seminar for B.Sc. (Econ.) Part II (OR) students, day and evening, specialising in Money and Banking, and for graduate students. The seminar will be held for one-and-a-half hours on dates to be announced in the Michaelmas and Lent Terms. Admission will be strictly by permission of Professor Sayers to whom written applications must be addressed.

Note: Instruction in the Special Subject of Money and Banking will be arranged for evening students, as required.

Reference should also be made to the following courses:—

No. 11.—**Economic Analysis.**
No. 56.—**Business Finance: Financial Institutions.**
No. 58.—**The Economics of Public Finance.**
No. 101.—**Applied International Economics.**
No. 385.—**The Law of Banking.**

(c) International Economics and Regional Studies

100. **International Trade.** Mr. Steuer. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Economics; and for graduate students.

Syllabus.—This course deals with a number of basic topics in the pure theory of international trade. Almost exclusive emphasis is placed on real, as opposed to monetary, theory. The treatment is rigorous but not mathematical. For expositional purposes, considerable use is made of geometric techniques. The subject matter covers price determination in international markets under free trade, the principle of comparative advantage, the effect of interferences on the free market, the influence of factor endowments, economic integration, and trade and growth.

Recommended reading.—C. Kindleberger, *International Economics* (Rev. Edn.); D. B. Marsh, *World Trade and Investment;* D. A. Snider, *Introduction to International Economics* (Rev. Edn.); G. von Haberler, *A Survey of International Trade Theory;* H. B. Chenery, "Comparative Advantage and Development Policy" (*American Economic Review*, March, 1961); A. Lerner, *Essays in Economic Analysis;* R. G. Lipsey, "The Theory of Customs Unions: A General Survey" (*Economic Journal*, September, 1960); E. H. Phelps Brown, *A Course in Applied Economics* (Chapter 12); J. Viner, *Studies in the Theory of International Trade*, American Economic Association, *Readings in the Theory of International Trade.* (The following references, though useful, are more forbidding technically and should not be regarded as essential to the course: R. E. Caves, *Trade and Economic Structure;* H. G. Johnson, *International Trade and Economic Growth;* J. E. Meade, *A Geometry of International Trade;* J. Vanek, *International Trade: Theory and Economic Policy.*)

101. **Applied International Economics.** Professor Devons. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, and of Money and Banking. Optional for other B.Sc. (Econ.) Part II (OR) students, and for Certificate in International Studies.

Syllabus.—The structure of world trade and payments. Recent trends in international trade. Price movements and the terms of trade.

Policy problems: International commodity schemes, tariffs and commercial policy, trade agreements national and international.

Recommended reading.—U.N., G.A.T.T. and U.K. Statistical publications. E.C.E., O.E.E.C., and G.A.T.T. Reports. G.A.T.T. *Trends in International Trade;* C. P. Kindleberger, *The Terms of Trade;* League of Nations, *Industrialisation and Foreign Trade;* P. L. Yates, *Forty Years of Foreign Trade;* G. D. A. MacDougall, *The World Dollar Problem;* U.N. *World Economic Survey;* U.N.: *Commodity Trade and Economic Development* (1953); *International Compensation for Fluctuations in Commodity Trade* (1961); *Treaty establishing European Economic Community;* T. Scitovsky, *Economic Theory and Western European Integration.*

102. **International Economics.** Mr. Steuer. Twenty-five lectures. Summer Term 1962–63 and twenty lectures in Michaelmas and Lent Terms 1963–64.

For B.Sc. (Econ.) Part II (RR)—*International Economics*, I 8c; II 8b. The first five lectures in Summer Term 1962–63 are also for *Economic Principles*, I 4; II 4; III 1; IV 4; IX 1a; X 1a, and B.A. Honours in Philosophy and Economics (Second and Third Years).

Syllabus and **recommended reading** will be given at the beginning of the course.

103. **Classes in International Economics.** Weekly classes throughout the session will be arranged for day students, and special arrangements will be made for evening students, taking Special subject III (International Economics) in Part II of the B.Sc. (Econ.) (OR).

FOR GRADUATE STUDENTS

110. Problems of Economic Growth in Underdeveloped Countries. Mr. Knox. Eighteen lectures, Michaelmas and Lent Terms.

For graduate students.

Syllabus.—The main economic characteristics of underdeveloped countries. The requirements of economic growth. Forces influencing economic growth in underdeveloped countries. Problems of state influence on economic growth.

Recommended reading.—W. A. Lewis, *The Theory of Economic Growth;* R. Nurkse, *Problems of Capital Formation in Underdeveloped Countries;* J. Viner, *International Trade and Economic Development;* B. F. Hoselitz (Ed.), *The Progress of Underdeveloped Areas;* East Africa Royal Commission, 1953–55, *Report* (Cmd. 9475, 1955); H. Leibenstein, *Economic Backwardness and Economic Growth;* A. O. Hirschman, *The Strategy of Economic Development;* P. T. Bauer and B. S. Yamey, *The Economics of Underdeveloped Countries;* G. M. Meier and R. E. Baldwin, *Economic Development;* C. P. Kindleberger, *Economic Development;* A. D. Knox, "Problems of Economic Growth in the Underdeveloped Countries" (*Bankers' Magazine*, January, 1961); A. H. Agarwala and S. P. Singh (Eds.), *The Economics of Underdevelopment.*

Further references will be given during the lectures.

111. Economic Planning in Underdeveloped Countries. Mr. Cassen. Eighteen lectures, Sessional.

For graduate students, also suitable for undergraduates interested in this subject.

Syllabus.—This course will consist mainly of description and analysis of the experience of planning in particular underdeveloped countries. After an introduction to the generality of planning problems, the lectures will examine a small number of countries in some detail. Attention will be given both to aggregate and sectoral plans, their formation and implementation, with particular stress on the role of government, and the ownership and organisation of enterprises.

Recommended reading.—Acquaintance with standard textbooks on economic development will be assumed. A bibliography to cover background knowledge of the countries in question and the subject of planning will be provided during the lectures.

112. Seminar on the Economics of Underdeveloped Countries. Professor Bauer and Mr. Knox will hold a seminar on this subject throughout the session. Admission will normally be restricted to graduate students working on this subject and will be by permission of Professor Bauer and Mr. Knox, to whom application should be made in writing.

113. The Soviet Economy and Soviet Economics. Mr. Nove and Dr. Zauberman. Fifteen lectures, Lent and Summer Terms.

For graduate students; also suitable for undergraduates interested in this subject.

Syllabus.—How the Soviet economy works. The basic structure of the economy. The state enterprise. Collective farms. State planning and administrative organs. Labour and wages. Public finance. Political direction and economic decisions. The priority of growth.

Development of Soviet economic theory. Value and prices. Managerial incentives and the profit motive. Investment criteria. Rationality in a planned economy in the light of Soviet experience.

Recommended reading.—A bibliography will be recommended in the course of the lectures.

114. Economic Problems of the Communist World. Mr. Nove and Dr. Zauberman will hold a seminar, fortnightly throughout the session, for graduate students. Admission will be strictly by permission of Mr. Nove and Dr. Zauberman.

115. Seminar on International Trade. Professor Devons will hold a seminar on International Trade throughout the session. Admission will be restricted to graduate students working on this subject. Those wishing to attend should write to Professor Devons.

116. Seminar in International Economics. Mr. Steuer will hold a weekly seminar throughout the session for first-year M.Sc. (Econ.) students.

117. Seminar on Economic Problems in the Middle East. Dr. Penrose will hold a seminar throughout the session for research students on Economic Problems in the Middle East with special emphasis on the techniques of economic analysis. Students wishing to attend this seminar should apply to Dr. Penrose.

118. Problems of Indian and Pakistani Economic Development (Seminar). Dr. Anstey will hold a weekly seminar during the session. Admission will be by permission of Dr. Anstey.

119. Latin American Economic Development. Mr. Díaz-Rey. Nine lectures, Michaelmas Term, at University College for graduate students.

Syllabus.—A general survey of the area: population characteristics; the agrarian problem; domestic capital formation, foreign investment and industrialisation; the external situation, the deterioration of the terms of trade and the gradual weakening of the capacity to import; economic growth and the inflationary process.

Recommended reading.—A bibliography will be circulated during the course of the lectures.

120. Seminar on Economic Problems in Latin America. Mr. Díaz-Rey will hold a seminar at University College, fortnightly throughout the session, for graduate students. Admission will be by permission of Mr. Díaz-Rey to whom application should be made in writing.

121. Problems of Smaller Territories (Seminar). Mr. Knox, Dr. Benedict and others will hold a seminar, fortnightly in the Michaelmas and Lent Terms, for graduate students at the Institute of Commonwealth Studies.

Reference should also be made to the following section and courses:—

Geography.

No. 85.—**Theory of International Monetary Economics.**

No. 86.—**Applied International Monetary Economics.**

No. 87.—**Topics in the Theory of International Monetary Economics.**

No. 259(c).—**Industrialisation and the International Economy, 1850-1939.**

No. 507.—**The Politics of International Economic Relations.**

No. 530.—**Problems of European Integration (Seminar).**

No. 665.—**Current Problems in the Middle East and North Africa (Seminar).**

No. 952.—**International Balance of Payments.**

(d) Business Administration and Accounting

125. Business Administration: The Organisation of Business Enterprises and Problems of Business Policy. Professor Sir Arnold Plant and Professor Yamey. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Industry and Trade; Accounting; and International Economics, Option (iv) (b); and for Diploma in Personnel Management.

Syllabus.—The lectures will include the following topics:—The purpose and structure of business organisation, both inside and outside the business unit; a comparison of practice as regards organisation in the principal branches of business enterprise.

The special features of the organisation and of the administrative and economic problems of large-scale businesses:—The delegation of functions, the allocation of responsibility, and the machinery of control. The specialised forms of organisation within the business unit for (*a*) management and the determination of business policy, (*b*) purchasing, (*c*) manufacturing, (*d*) finance, (*e*) selling, (*f*) recruitment, promotion and retirement of staff.

Buying, financing and selling policy in various conditions of the market, with special reference to the price problems of industrialists and wholesale and retail traders.

The effects of predictable and non-predictable variations in demand and supply on the operation of a business.

Trade associations and Government policy.

Recommended reading.—Detailed references to books will be made as the course proceeds.

126. An Introduction to the Theory of Business Decisions. Mr. Foldes. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Industry and Trade; Accounting (iii); and International Economics, Option (iv) (b); and for Diploma in Operational Research.

Syllabus.—Decision procedures for an individual entrepreneur. Linear and other special models which facilitate computation. Influence of time and uncertainty. Division of labour in decision-making. Delegation and co-ordination, with special reference to financial problems.

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

127. Some Problems in Business Administration. Mr. J. R. Gould. Six lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Industry and Trade; Accounting (iii); International Economics, Option (iv) (b); and Computational Methods, Option (iii) (g).

Syllabus.—Each lecture will be concerned with the analysis of a specific business problem, for example, internal pricing, make or buy.

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

128. The Elements of Consumer Market Research. Lecturer to be announced. Four lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Industry and Trade, Option (iv) (b); and Accounting, Option (v) (c). Open to all students.

Syllabus.—The nature and uses of consumer market research and media surveys. The design of the interview. Systematic and quota sampling; sampling and other errors. Psychological market research and motivation research.

Recommended reading.—Some books and articles on consumer market research will be mentioned during the course.

132. Economics for Engineers and Applied Scientists.

The object of this course is to provide an introductory knowledge of economics in relation to industry and of business organisation and administration. It is intended primarily for university students of science and engineering who have completed, or are completing, their first degree work.

Syllabus.—

(*a*) The Structure of Modern Industry. (For detailed syllabus see course No. 45.) Professor Sir Arnold Plant. Michaelmas Term.

(*b*) The Economics of the Labour Market. (For detailed syllabus see course No. 60.) Professor Phelps Brown. Lent Term.

(*c*) Business Organisation and Finance: The forms of business enterprise—firms, companies, etc.; the sources of finance and forms of capitalisation; business objectives and the control of resources; the functions and limitations of accounting. Professor Edey. Michaelmas Term.

(*d*) Economic Analysis and its Applications: This course will introduce the principles of economics. Mr. Townsend and Mr. J. R. Gould. Michaelmas and Lent Terms.

(*e*) Industrial History. (For detailed syllabus see course No. 269.) Dr. Coleman. Lent Term.

Selected graduate students from this course will be admitted to the evening seminar on Problems in Industrial Administration (see course No. 161), conducted by Professor Edwards.

Supplementary lectures in the economics of labour, accounting, business finance, etc., will be recommended for those students who are able to devote additional time to the course.

133. Accounting I. Professor Edey. Nine lectures and nine classes (two hours per week), Michaelmas Term. (This course will be given in the day only in the session 1962–63.)

For B.Sc. (Econ.) Part II (RR) (Second year students)—*Accounting*, IV 7 and 8; *Economic Statistics and Business Accounts*, III 3; IV 3; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a; *Data Processing including Elements of Accounting*, X 6 and 7b; also for Diploma in Operational Research. Students taking *Economic Statistics*, I 6a or 8k, II 8c, V 8i, should attend first three lectures and classes.

Syllabus.—The balance sheet and the profit and loss account. Assets and finance. Principles of double-entry book-keeping. Accounting valuation concepts and their relation to economic reality. Introduction to sources of accounting information. The interpretation of accounting reports.

Recommended reading.—H. C. Edey, *Business Budgets and Accounts*, Chapters 1 and 2; *Introduction to Accounting* (when published); S. W. Rowland and B. Magee, *Accounting*, Part I. Reference may also be made to W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

134. Accounting IIa. Professor Edey. Eleven lectures and sixteen classes, Lent and Summer Terms. (This course will be given in the day only in the session 1962–63.)

For B.Sc. (Econ.) Part II (RR) (Second Year students)—*Accounting*, IV 7 and 8; *Accounting—Management and Economic Aspects*, I 3b; II 3b; III 8a; X 6 and 7a.

Note. Accounting I (Course No. 133) is a prerequisite for Accounting IIa.

Syllabus.—Short historical survey of company accounting. Company reports and finance: accounting valuation concepts and their economic significance; capital structure; reconstructions and amalgamations; consolidated accounts; price level adjustments; the treatment of income and profits tax in company accounts. The course will include work in the use of compound interest and annuity tables.

Recommended reading.—The works mentioned under Accounting I, Course No. 133; S. W. Rowland, *Principles of Accounting;* F. W. Paish, *Business Finance;* R. J. Chambers, *Accounting and Action*. Reference may be made to *The Companies Act*, 1948; Minutes of Evidence taken before the Company Law Committee, 1961; and for compound interest, W. Lundie, *Elementary Theory of Finance*.

135. Accounting IIb. Mr. Woods. Twenty-four lectures or classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR) (Second Year students)—*Accounting*, IV 7 and 8; *Data Processing including Elements of Accounting*, X 6 and 7b.

Note. Accounting I (Course No. 133) is a prerequisite for Accounting IIb.

Syllabus.—Data Processing and book-keeping. Systems.

(*a*) Further work on problems of double-entry book-keeping with particular reference to the recording of different types of transaction.

(*b*) The organisation of accounting systems, including the application of mechanical and electronic methods to the production of double-entry records and other accounting information including costing data.

Recommended reading.—Some books and articles will be mentioned during the course.

136. Accounting III. Mr. Woods. Eighteen lectures and classes (one-and-a-half hours per week), Michaelmas and Lent Terms. If there is sufficient demand, tutorial arrangements may be made for evening students.

For B.Sc. (Econ.) Part II (OR)—Special subject of Accounting.

Syllabus.—Advanced company accounts: holding companies; accounting aspects of taxation; cost accounting techniques.

Recommended reading.—H. C. Edey, *Business Budgets and Accounts;* E. E. Spicer and E. C. Pegler, *Book-keeping and Accounts* (14th edn.). Reference may be made to such standard text-books as W. Pickles, *Accountancy;* L. R. Dicksee, *Auditing;* T. B. Robson, *Consolidated Accounts;* F. R. M. de Paula, *Principles of Auditing;* L. L. Vance, *Theory and Technique of Cost Accounting;* C. T. Devine, *Cost Accounting and Analysis;* C. F. Schlatter, *Cost Accounting;* I. Wayne Keller, *Management Accounting for Profit Control*; and to the publications mentioned in Course No. 134.

137. Accounting: Budgeting and Costing. Professor Edey. Eight lectures and five classes, Lent Term. If there is sufficient demand, tutorial arrangements may be made for evening students.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Accounting, and Industry and Trade, Option (iv) (a) and of Computational Methods, Option (iii) (g); and for Diploma in Operational Research.

Syllabus.—The profit concept; financing; capital budgeting; information for capital investment and price and output decisions; cost control.

Recommended reading.—F. W. Paish, *Business Finance;* H. C. Edey, *Business Budgets and Accounts;* D. Solomons (Ed.), *Studies in Costing;* "Uniform Cost Accounting—a Survey" (*Economica*, Aug. and Nov., 1950); J. M. Clark, *The Economics of Overhead Costs*, Chapter IX. Reference should also be made to F. A. and V. Lutz, *The Theory of Investment of the Firm;* Ezra Solomon (Ed.), *The Management of Corporate Capital;* W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting Theory*.

Reference should also be made to Course No. 129, Some Problems in Business Administration.

138. Accounting and Economic Theory (Seminar). A series of weekly meetings and two week-end discussion courses will be held by Professor Baxter, Professor Edey and others in the Michaelmas and Lent Terms. Business valuation, cost analysis and other economic applications of accounting will be discussed.

For B.Sc. (Econ.) Part II (OR)—Special subject of Accounting.

139. History of Accounting. Three lectures will be given by Professor Yamey and Mr. de Ste. Croix at times to be arranged.

140. Accounting: Valuation Theory. Professor Baxter. Nine lectures and classes (one-and-a-half hours per week), Michaelmas and Lent Terms. If there is sufficient demand, tutorial arrangements will be made for evening students.

For B.Sc. (Econ.) Part II (OR)—Special subject of Accounting.

Syllabus.—Valuation of a business, partnership rights, individual assets, etc.; measurement of income; depreciation; changing price levels.

Recommended reading.—J. C. Bonbright, *Valuation of Property*, Chaps. I to XII; W. T. Baxter, "The Accountant's Contribution to the Trade Cycle" (*Economica*, May, 1955). Other works will be recommended during the course.

141. Accounting Problems. Fortnightly classes will be held by Professor Baxter and others during the Michaelmas and Lent Terms for students taking the special subject of Accounting for B.Sc. (Econ.) Part II (OR).

142. Principles of Income Tax. Professor Wheatcroft. Ten lectures of one-and-a-half hours (fortnightly), Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Accounting.

Syllabus.—General outline of Income Tax, Surtax, and Profits Tax; the basis of taxation of individuals and of companies; the Five Schedules and their effect with particular reference to Cases I and II of Schedule D and Schedule E.

Recommended reading.—A. R. Prest, *Public Finance;* H. A. R. J. Wilson and K. S. Carmichael, *Income Tax Principles*, or C. N. Beattie, *The Elements of Income Tax.*

For Reference: Spicer and Pegler, *Income Tax and Profits Tax;* Current Law Income Tax Statutes (CLITAS).

Reference should also be made to the following courses:—

No. 52.—**Economics of Industry and Trade.**

No. 56.—**Business Finance: Financial Institutions.**

No. 58.—**The Economics of Public Finance.**

No. 386.—**Problems in Taxation (Seminar).**

FOR GRADUATE STUDENTS

ONE-YEAR GRADUATE COURSE IN BUSINESS ADMINISTRATION

150. Business Administration in the Light of Economic Analysis. Professor Sir Arnold Plant.

For the One-year Course in Business Administration only.

Syllabus.—The course will be devoted to a discussion of the nature, and the significance for business administrators, of the social and economic institutions which constitute the framework within which business affairs are conducted; the administrative problems encountered within the sphere of business, and the related problems of the nature, the timing and the magnitude of business transactions. Particular instances will be purposely selected for examination from widely diverse types of business.

151. Administrative and Organisational Problems of large Multi-Plant Businesses. Mr. Prys Williams.

For the One-year Course in Business Administration only.

Syllabus.—Types of multi-plant businesses. Reasons for existence—historical, commercial, technological. Essential organisational difference from single-unit firms—geographic disjunction of functions. Functions operating at unit levels. Functions operating at the centre. Ambivalent functions. Need to secure co-ordination at all levels. Penalties of failure. Means of attempting co-ordination. Centralisation—advantages and disadvantages. Partial decentralisation; Groupings and Divisional organisation—types and appropriateness; Committees—values and dangers. Complete decentralisation. Congeries of single-unit businesses. Scope and purpose of unit management and of central management. Evolution. Influence of computers and improved communication systems. Staffing, training and succession problems in static and evolving multi-plant organisations.

152. Industry. Mr. Townsend and Mr. Peston.

For the One-year Course in Business Administration only.

Syllabus.—Specialisation in industry: factors determining the range of processes undertaken and the products made by individual firms. Size of factories and firms and the problems of growth. Location of factories and Government policy in relation to industrial distribution. Common services: trade associations, chambers of commerce, research associations, etc.

Production planning in relation to sales forecasts and the formulation of programmes in businesses making goods for stock. Organisation of raw materials purchasing, issue and control. Analysis of labour costs and overheads in relation to modern techniques of costing. Price determination in industries where development and production are complex and production batches small. Price determination in joint product industries, e.g., chemicals. Some problems in marketing: the choice of distribution channels, resale price maintenance, advertising. Investment in research and development: the problems of budgeting, allocation of resources between projects and review of achievement. Relations of firms and industries with Government departments.

The problems will be discussed against a background of papers written by experts in the industries concerned and of visits to factories. The course is organised in close association with the evening seminar on Problems in Industrial Administration referred to below.

153. Distribution. Professor Yamey.

For the One-year Course in Business Administration only.

Syllabus.—An analysis of current business problems in wholesale and retail distribution, including problems of manufacturer-distributor relations.

After a brief descriptive survey of the distributive trades, the course will deal with some of the special features and business problems of each of the main types of distributive enterprise, viz., wholesalers, department stores, multiples, small-scale retailing, mail-order houses and consumer co-operative societies. The following topics will be discussed: organisation, buying policies, sales policies, pricing, financial control, accounting, merchandise and stock control, remuneration of staff, co-operation between firms and co-operation with suppliers.

154. Business Finance. Professor Paish.

For the One-year Course in Business Administration only.

Syllabus.—The course examines, against the background of the English legal and institutional framework, various types of financial decisions which have to be made by business men. It includes discussion of such topics as the following:

The nature of business risks; risks which can be avoided by insurance or hedging; the limited liability company; private and public companies; types of securities issued by companies; gearing of capital; holding companies; self-financing out of profits; effects of high taxation and changing prices; short-term finance; hire-purchase finance; the finance of international trade; Export Credit guarantees. Investment institutions: Insurance offices; building societies; investment trusts; finance companies; the Finance Corporations.

The Stock Exchange. Issuing houses and the new issue market; underwriting. Making a public issue; alterations of share-holders' rights; writing down capital; capital reconstructions.

155. Labour. Professor Phelps Brown and Miss Seear.

For the One-year Course in Business Administration only, except by special permission of Professor Phelps Brown or Miss Seear.

Syllabus.—Industrial Relations. The object is to acquaint the student with the framework of the institutions and practices of industrial relations in a western economy. The topics are:—The function of trade unions, and the claims of the union at the place of work. Joint consultation. The scope and working of collective bargaining. The role of government in wage regulation and the settlement of disputes.

Personnel Management. The aim is to give information on problems of personnel management suitable for students of general business administration rather than for specialists. It includes the study of the development of personnel management in this country; of the

relationship between the personnel department and line management; of the main functions and activities of a personnel department; of the national manpower position and consequent personnel problems, and of questions arising in connection with the employment of special types of labour.

METHODS OF WAGE PAYMENT. A survey of the principal contemporary methods of wage payment. It will include methods of "work study"; systems of payment by results, and their application to particular situations; the wage structure, and the adjustment of differentials; job evaluation.

156. Law Relating to Business. Professor Wheatcroft and others.

This course is intended to give an elementary background of Law to students who have no previous knowledge of the English legal system. The needs of such students as engineers and scientists are kept particularly in mind.

Syllabus.—The nature and scope of law. The sources of English law. Case Law and the Doctrine of precedent. Legislation and the problem of interpretation. The Courts and the Legal Profession. Legal Aid. Arbitration. Elementary Principles of the Law of Contract and of Torts. The nature of Patent Law. Commercial Associations and the legal advantages and disadvantages of incorporated companies. Outline of the U.K. taxation system. Elementary principles of the Law of Labour Relations.

157. Investment. Mr. Rose.

For the One-Year Course in Business Administration only.

Syllabus.—The investment of funds in Stock Exchange securities; the characteristics of different types of security; the choice of assets by different types of investor; Stock Exchange procedure as it affects the investor.

158. Management Accounting. Professor Baxter, Professor Edey and others.

For the One-year Course in Business Administration only.

Syllabus.—The course will try to give students an understanding of techniques and methods of accounting as an instrument of planning and control.

The course will be concerned particularly with the relation between accounting, budgeting and the business operations. The construction, interpretation and criticism of revenue accounts and balance sheets will be discussed, with a view to assessing their use and limitations as gauges of financial position and operating results.

The course will include the use and limitations of flexible budgets and standard costing.

159. Business Statistics. Mr. Prys Williams.

For the One-year Course in Business Administration only.

Syllabus.—Sampling in business and industry; the selection of unbiased samples; the interpretation of statistics obtained by sampling. Quality control, production control, and budgetary control. The measurement of output, productivity, and technical efficiency. Representation and misrepresentation by statistics and charts. Published statistics useful in business. Miscellaneous applications of statistics in business and industry.

160. Market Research. Mr. Prys Williams.

For the One-year Course in Business Administration only.

Syllabus.—The use in market research of published and other available data. Market surveys, including the design of questionnaires, the selection of samples, the technique of interviewing, and the tabulation and interpretation of the information obtained. The class will conduct under supervision a market survey on an assigned topic, and will design the questionnaire, select the persons to be interviewed, interview householders, housewives or others, tabulate the information obtained, and draft the report.

161. Problems in Industrial Administration (Seminar). Professor Edwards will conduct a graduate evening seminar weekly throughout the session. Admission will be strictly by permission of Professor Edwards.

The seminar will be attended by industrialists, professional businessmen and civil servants as guests, and each discussion will be based on a paper prepared and circulated in advance.

The papers will be concerned with such matters as the following: distinctive features of cost, demand, organisation and management in different firms and industries; marketing, including export business; economic and other considerations affecting industrial design; organisation and economics of research; the development of new enterprises; industrial location in the light of present Government policy; labour relations and the human factor; relations with trade associations and Government departments.

(e) Transport

Further courses for B.Sc. (Econ.) Part II (RR) on the Economics of Road and Rail, Air and Sea transport and a Class on the Economics of Transport will be given during the Michaelmas and Lent Terms of Session 1963–4.

170. Economics of Transport. Mr. Ponsonby. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Economics of Transport*, I 8d; V 8a; XIV 8e.

Syllabus.—This course will consist of a general introduction to the subject.

Recommended reading.—A bibliography will be given during the course.

171. Economics and History of Transport. Mr. Ponsonby. Eighteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e). All those taking special subject Industry and Trade should attend the first nine lectures.

Syllabus.—The chief characteristics of the demand for transport, both passenger and freight. Factors affecting its elasticity. The influence of transport upon the distribution of industry and population.

The general character of transport costs and the influence of geographical factors upon them. Fixed, variable, average and marginal costs. The economies and diseconomies of large and small undertakings providing transport services. The problem of the peak. The effects of traffic flow and density upon costs.

The terms of investment in transport under competition and monopoly, and under State (including municipal) and private enterprise. The bearing of risk. Interest, profits, rent and quasi-rent. Depreciation and obsolescence.

The theory and practice of transport charges, passenger and freight.

The maintenance, construction, and financing of roads. The taxation of road vehicles. The role of the State in relation to the development of transport generally. Some problems of transport under State enterprise.

The course will include a brief historical sketch of the different forms of inland transport since 1920, and an account of post-war transport legislation.

Recommended reading.—A. M. Milne, *The Economics of Inland Transport;* M. R. Bonavia, *The Economics of Transport;* G. J. Walker, *Road and Rail;* J. R. Sargent, *British Transport Policy;* A. M. Milne and Austen Laing, *The Obligation to Carry;* L. A. Carey, *Modern Railway Practice, Facilities and Charges;* J. R. Meyer and others, *The Economics of Competition in the Transportation Industries;* E. Troxell, *Economics of Transport;* E. M. Hoover, *The Location of Economic Activity.*

C. I. Savage, *An Economic History of Transport;* E. C. Cleveland-Stevens, *English Railways—their Development and their Relation to the State;* C. Hamilton Ellis, *British Railway History*, 1830–1876 and 1877–1947; R. S. Lambert, *The Railway King;* H. C. Kidd, *A New Era for British Railways;* W. V. Wood and J. C. Stamp, *Railways;* R. Bell, *History of the British Railways during the War*, 1939–45; C. I. Savage, *Inland Transport* (Official History of the Second World War).

H. Samuel, *Railway Operating Practice;* L. D. Kitchin, *Bus Operation;* D. N. Chester, *Public Control of Road Passenger Transport;* W. J. Crosland-Taylor, *Crosville;* W. J. Crosland-Taylor, *State-owned without Tears*, 1948–1953; G. Dickinson, *Road Haulage Operation;* C. S. Dunbar, *Goods Vehicle Operation:* C. D. Buchanan, *Mixed Blessing;* Institution of Civil Engineers, *Conference on the Highway Needs of Great Britain*, 1957; S. and B. Webb, *The Story of the King's Highway;* W. Rees Jeffreys, *The King's Highway;* R. H. Thornton, *British Shipping;* J. F. Sleeman, *British Public Utilities;* O. Kahn-Freund, *The Law of Carriage by Inland Transport;* L. D. Kitchin, *Road Transport Law;* Frank Gilbert, *Transport Staff Relations; Bulletin of the Oxford University Institute of Statistics*, Nov. 1960 (Vol. 22, No. 4), and Feb. 1962 (Vol. 24, No. 1); *Basic Road Statistics*, 1962 (British Road Federation); *The Commercial Motor*, tables of operating costs for commercial road vehicles (published annually).

British Transport Commission, *Annual Reports and Accounts* from 1948 onwards (H. of C. Papers, from 1949); *Report* from the Select Committee on Nationalised Industries (British Railways) 1960; Transport Consultative Committees, *Annual* and other various *Reports;* United Kingdom, British Transport Commission (1955), *Modernization and Re-equipment of British Railways;* British Transport Commission, *Proposals for the Railways* (Cmd. 9880, 1956); British Transport Commission, *Re-appraisal of the Plan for the Modernisation and Re-equipment of British Railways* (Cmd. 813, 1959); the Gore-Browne report on Railway Rates (Cmd. 1098, B.P.P. 1920); the three reports of the Royal Commission on Transport (Cmd. 3365, B.P.P. 1929–30; Cmd. 3416, B.P.P. 1929–30; and Cmd. 3751, B.P.P. 1930–31); U.K. Ministry of Transport, 1932, *Report of the Conference on Road and Rail Transport* (The Salter Report); Union of South Africa, *Report on Railway Rating Policy*, 1950 (The Newton Report); U.K. Ministry of Transport and Civil Aviation, Road Passenger Services, *Report of the Committee on the Licensing of Road Passenger Services* (Thesiger Report), Nov., 1953; United Kingdom, Ministry of Transport and Civil Aviation, *Report of the Committee of Enquiry into London Transport* (Chambers Report), 1955; U.K. Ministry of Transport, *Roads in England and Wales, Annual Reports* from 1956–57 onwards; U.K. Ministry of Transport, *Crush Hour Travel in Central London*, 1958; U.K. Ministry of Transport, *The Victoria Line* (Report by the London Travel Committee, 1959); U.K. Ministry of Transport, *The Transport of Goods by Road (Sample Survey April 1958)*, 1959; *Reorganisation of the Nationalised Transport Undertakings* (Cmnd. 1248, 1960); *The Financial and Economic Obligations of the Nationalised Industries* (Cmnd. 1337, 1961); U.K. Ministry of Transport, *Rural Bus Services* (Jack Committee Report) 1961.

Students are advised to acquaint themselves with the following publications: *Modern Transport, The Journal of the Institute of Transport, The British Transport Review, The Journal of Transport History*, and Papers read before the Railway Students' Association.

172. The Economics of Air Transport. Mr. Foldes. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e).

Syllabus.—Background to the present-day air transport industry in Great Britain. Factors determining its development. Government policy and assistance.

The demand for air transport. Types of air transport service. Scheduled and charter operations. Ownership, size and organisation of undertakings in Britain and elsewhere. Size and type of fleet. Nature of traffic carried. Seasonal variability and route patterns. Operating results. Problems of efficiency and profitability.

The analysis of cost. Classification under aircraft, airport and airline costs. Aspects of social costs. The choice of units for cost and price comparisons. The effects of scale, nature and intensity of air operations upon unit costs. The significance of the time-period involved: short and long-run variability. Economic aspects of aircraft design and production. The incidence of airport location and operation upon cost and output. Price policies in the light of cost-structure.

Intergovernmental negotiation and agreements on air transport. Historical background. Formation and functions of the International Civil Aviation Organization. Development of world route patterns and traffic rights.

International associations of operators. Activities of the International Air Transport Association. Methods of regulation. Problems of rate-fixing and fare structures. The effects of I.A.T.A. controls upon the development of the industry.

Problems and future development of air transport. Potential markets. The question of subsidy versus self-sufficiency. The control of competition. The direction of technological progress. The question of supranational organisations. Relations between suppliers, operators and Governments.

Recommended reading.—S. F. Wheatcroft, *The Economics of European Air Transport;* "European Air Transport Economics" (*J. Inst. Transport*, Sept., 1957); K. R. Sealy, *The Geography of Air Transport;* P. W. Cherington, *Airline Price Policy;* P. G. Masefield, "Some Economic Factors in Civil Aviation" (*J. R. Aero. S.*, 1948); "Some Economic Factors in Air Transport Operation" (*J. Inst. Transport*, March, 1951); "British Transport in the National Economy" (*J. Inst. Transport*, Nov., 1955); L. P. Foldes, "Domestic Air Transport Policy" (*Economica*, May and August 1961); W. Coulet, *L'organisation européenne des transports aériens;* L. S. Keyes, *Federal Control of Entry in Air Transportation;* Sir G. Cribbett, "Some International Aspects of Air Transport" (*J. R. Aero. S.*, Nov., 1950; or United Nations, *Transport and Communications Review*, Vol. IV. No. 2); O. J. Lissitzyn, "The Rôle of the State in Air Transport" (United Nations, Dept. of Economic Affairs, *Transport and Communications Review*, Vol. VIII, No. 1, 1955); E. Devons, "The Aircraft Industry" in D. Burn, *The Structure of British Industry*, Vol. II; Sir Arnold Hall, "The Influence on Civil Aviation of some Current Researches" (*J. Inst. Transport*, May, 1955); "Some Comments on Current Aviation Topics" (*J. Aero. Sciences*, 1957); Sir G. Gardner, "Future Air Transport Possibilities" (*Canadian Aero. Inst.*, Feb., 1959); Lord Douglas of Kirtleside, "The Economics of Speed" (*J. Inst. Transport*, May, 1957); A. H. Fox, "Fare Fixing in Air Transport" (*Three Banks Review*, Sept., 1957); H. T. Lewis and J. W. Culliton, *The Rôle of Air Freight in Physical Distribution; Report of the (Cadman) Committee of Inquiry into Civil Aviation* (Cmd. 5685, 1938); *I.A.T.A. Bulletin* No. 21, 1955 (Tenth Anniversary Number); recent Annual Reports of B.O.A.C., B.E.A., British Independent Air Transport Association and Air Transport Advisory Council; Civil Aviation (Licensing) Act, 1960; Select Committee on Estimates, 1955–56, *Civil Aerodromes and Ground Services;* Select Committee on Nationalised Industries, 1958–59, *The Air Corporations;* Select Committee on Estimates, 1960–61 and 1961–62, *London's Airports; Civil Aerodromes and Air Navigational Services* (Cmnd. 145, 1961); I.C.A.O., *Economic Implications of the Introduction into Service of Long-Range Jet Aircraft*, 1958; *European Civil Aviation Conferences*, Reports, 1955 to date; *Commercial and Technical Co-operation between European Airlines* (I.C.A.O. Circular No. 28).

For Reference: World Airline Record, I.C.A.O. Digests of Statistics. Journals: *J. R. Aero. S.; J. of Air Law and Commerce; Revue Générale de l'Air.*

173. The Economics of Shipping. Mr. Prys Williams. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e).

Syllabus.—Factors entering into the cost of water transport: the significance of the cost of laying a vessel up. Determination in a free market of the level of freight rates and of the interrelations of freights. Fluctuations in shipbuilding: a discussion of their causes and effects.

Various modifications to market freedom: the Tanker Pool; Liner Conferences; Regulations introduced into the Tramp Trades.

The effects of such modifications on the general level of rates and on fluctuations in rates.

The importance of turn-round.

Recommended reading.—P. Duff, *British Ships and Shipping;* R. H. Thornton, *British Shipping* (2nd edn.); A. S. Svendson, *Sea Transport and Shipping Economics;* H. Gripaios, *Tramp Shipping;* A. Berglund, *Ocean Transportation;* M. G. Kendall, "United Kingdom Merchant Shipping Statistics" (*Jnl. of the Royal Statistical Society*, 1948); Chamber of Shipping of the United Kingdom and Liverpool Steamship Owners' Association, *Shipping Policy; Fact Finding Enquiry;* U.K. Board of Trade, Imperial Shipping Committee, 1939: 38th Report, *British Shipping in the Orient;* C. B. A. Behrens, *Merchant Shipping and the Demands of War;* W. A. Lewis, "Interrelations of Shipping Freights" (*Economica*, N.S. Vol. 8); T. Koopmans, *Tanker Freight Rates and Tankship Building;* Report of the Royal Commission on Shipping Rings (Cmd. 4668, B.P.P. 1909); Report of the Imperial Shipping Committee on the Deferred Rebate System (Cmd. 1802, B.P.P. 1923); B. Cunningham, *Port Economics; Cargo Handling at Ports;* H. O. Mance and J. E. Wheeler, *International Sea Transport;* E. C. P. Lascelles and S. S. Bullock, *Dock Labour and Decasualisation;* Dock Workers (Regulation of Employment) Scheme, 1947; *Annual Reports* of the National Dock Labour Board; *Annual Reports* of the Chamber of Shipping of the United Kingdom; *Annual Reports* of the Liverpool Steamship Owners' Association; *Westinform Shipping Reports.*

174. Economics and History of Transport (Class). Mr. Ponsonby. This series of weekly classes will be held throughout the session. For students taking the B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, Option (v)(c), Economic History (Modern), Option (v)(f), Geography, Option (v)(f), and Accounting, Option (v) (e).

Note.—Students taking the subject of the Economics and History of Transport are recommended to attend courses Nos. 371 and 372.

FOR GRADUATE STUDENTS

175. Economic Problems in Transport (Seminar). Mr. Ponsonby. This weekly evening seminar will be held during the Michaelmas and Lent Terms for graduate students. The seminar may also be attended by those engaged in the transport industry. Admission will be strictly by permission of Mr. Ponsonby.

GEOGRAPHY

GEOGRAPHY

Courses given in the Joint School of Geography at King's College, London, and the London School of Economics

Courses for B.Sc. (Econ.)

Part I: Revised Regulations

185. Introduction to Geography. Professor Wise. Twenty-five lectures, Sessional.

Syllabus.—The development of geographical thought and an outline of the scope and methods of modern geography.

Recommended reading.—O. J. R. Howarth and R. E. Dickinson, *The Making of Modern Geography;* F. Debenham, *Discovery and Exploration;* H. J. Wood, *Exploration and Discovery;* G. R. Crone, *Maps and their Makers;* L. D. Stamp, *Our Developing World;* G. Taylor, *Geography in the Twentieth Century.*

186. Geography Class. Professor Wise, Dr. Odell and Mr. Hamilton. Fortnightly throughout the session.

Part II: Revised Regulations

Second Year

Note: Students reading Geography as a special subject in Part II are required to attend two field classes. These will normally be arranged during the Easter vacations in the second and third years of the B.Sc. (Econ.) course.

187. Introduction to Economic Geography. Dr. Martin, Dr. Sealy, Mr. Estall and Dr. Odell. Twenty-five lectures, Sessional.

Economic Geography, XIV 5; I 3d; II 3c; XIII 3f.

Syllabus.—Concepts and methods of economic geography. The nature of resources and their exploitation. The elements of the geography of transport. The location of economic activity.

Special classes will be arranged for students of Economics and History taking Economic Geography as one paper in the final examination.

Recommended reading.—E. W. Zimmermann, *World Resources and Industries;* R. Cohen, *The Economics of Agriculture;* A. N. Duckham, *The Fabric of Farming;* K. R. Sealy, *Geography of Air Transport;* J. H. Bird, *The Geography of the Port of London;* E. M. Hoover, *The Location of Economic Activity;* M. Chisholm, *Rural Settlement and Land Use.*

188. Human Geography. Professor Jones. Twenty-five lectures, Sessional.

Political Geography, XIV 8a; *Historical Geography*, XIV 8b; *Social Geography*, XIV 8c.

Syllabus.—An introduction to the field of human geography for students reading Geography as a special subject. Topics and problems will be selected for discussion to

provide a basis for subsequent work in optional subjects such as social geography, political geography, and historical geography.

Recommended reading.—J. B. Brunhes, *Human Geography;* Vidal de la Blache, *Principles of Human Geography;* Preston E. James, *A Geography of Man;* W. G. East, *Geography behind History;* J. H. G. Lebon, *An Introduction to Human Geography;* J. Houston, *A Social Geography of Europe.*

189. The British Isles. Mr. Sinclair. Twenty lectures, Michaelmas and Lent Terms.

The British Isles, XIV 6.

Syllabus.—Changing patterns of population, settlement and land use in Britain and the bearing of physical, social and economic conditions upon these changes. Special studies of selected industrial and agricultural areas.

Recommended reading.—Wilfred Smith, *An Economic Geography of Great Britain;* J. B. Mitchell (Ed.) *Great Britain, Essays in Regional Geography;* U.K. Geological Survey, *British Regional Geology;* L. D. Stamp and S. H. Beaver, *The British Isles;* E. G. Bowen (Ed.), *Wales;* A. E. Smailes, *North England.*

190. An Introduction to the Geography of Europe. Dr. Harrison Church and Mr. Hamilton. Ten lectures, Summer Term.

Europe, XIV 7.

Syllabus.—This course forms an introduction to a full course on Europe to be given in the following year. Topics for study during the summer vacation will be suggested.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe;* M. R. Shackleton, *Europe;* F. J. Monkhouse, *Western Europe;* T. H. Elkins, *Germany.*

191. Physical Geography. Dr. Clayton and Dr. Jackson. Twenty-five lectures, Sessional.

Physical Geography, XIV 4.

Syllabus.—A study of selected aspects of geomorphology, climatology, biogeography and oceanography, with special emphasis on their inter-relations in the British Isles.

Recommended reading.—S. W. Wooldridge and R. S. Morgan, *An Outline of Geomorphology;* G. H. Dury, *The Face of the Earth;* B. W. Sparks, *Geomorphology;* W. D. Thornbury, *Principles of Geomorphology;* G. Manley, *Climate and the British Scene;* S. Petterssen, *Introduction to Meteorology;* E. J. Russell, *The World of the Soil;* Hans Jenny, *Factors of Soil Formation;* M. I. Newbigin, *Plant and Animal Geography;* M. E. Hardy, *A Geography of Plants.*

192. Practical Mapwork. Dr. Clayton, Dr. Jackson and others. Twenty-five classes, Sessional.

Physical Geography, XIV 4.

Syllabus.—The types and scales of published maps, both British and foreign, and the techniques of their preparation. Cartographic methods of representing economic, climatic and other geographical data. The interpretation of topographical, geological, land-use and other maps.

Practical exercises in construction and interpretation of maps of various types are essential requirements and will be related to other aspects of the course work for Part II.

Recommended reading.—F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams;* G. H. Dury, *Map Interpretation;* E. Raisz, *General Cartography.*

Part II (Old Regulations): Special Subject of Geography

Third Year

193. Advanced Regional Geography: The British Isles. Mr. Sinclair. Twenty lectures, Michaelmas and Lent Terms. This course will be given in the day and in the evening in the session 1962–63.

Syllabus and Reading list as for Course No. 189.

194. Advanced Economic Geography, with Special Reference to Industry. Professor Wise, Dr. J. E. Martin and Mr. Hamilton. Sessional. This course will be given only in the day in the session 1962–63.

Recommended reading.—E. M. Hoover, *The Location of Economic Activity;* E. W. Zimmermann, *World Resources and Industries* (1951); U.S. Department of Commerce, National Resources Planning Board, *Industrial Location and National Resources;* Political and Economic Planning, *Report on the Location of Industry;* N. J. G. Pounds and W. N. Parker, *Coal and Steel in Western Europe;* N. J. G. Pounds, *The Geography of Iron and Steel;* Wilfred Smith, *An Economic Geography of Great Britain;* R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography.*

195. The Geography of Agriculture. Mr. Sinclair. Sessional. This course will be given in the day and in the evening in the session 1962–63.

Recommended reading.—K. H. W. Klages, *Ecological Crop Geography* (background reading preferably in advance of course); D. Faucher, *Géographie Agraire;* Sir E. J. Russell, *World Population and World Food Supplies;* O. E. Baker and others, *Agriculture in Modern Life;* J. L. Buck, *Land Utilization in China;* P. Gourou, *The Tropical World;* K. Pelzer, *Pioneer Settlement in the Asiatic Tropics;* Sir A. Pim, *Colonial Agricultural Production;* A. N. Duckham, *The Fabric of Farming;* Sir Harold Tempany and D. H. Grist, *An Introduction to Tropical Agriculture;* R. L. Mighell and J. D. Black, *Inter-regional Competition in Agriculture.* M. Chisholm, *Rural settlement and land use.*

196. Geography of Agriculture. Mr. Sinclair. A fortnightly class, Michaelmas and Lent Terms.

197. Advanced Regional Geography: North America. Mr. Estall and Dr. Sealy. Forty lectures, Michaelmas and Lent Terms. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1962–63.

Syllabus.—A study of physical environment, natural resources and economic factors with emphasis on inter-relations in regional geography.

Recommended reading.—Ll. R. Jones and P. W. Bryan, *North America;* J. Russell Smith and M. Ogden Phillips, *North America;* N. M. Fenneman, *Physiography of Eastern United States; Physiography of Western United States;* F. B. Loomis, *Physiography of the United States;* C. L. White and E. J. Foscue, *Regional Geography of Anglo-America;* E. Higbee, *American Agriculture;* L. Haystead and G. C. Fite, *The Agricultural Regions of the United States;* C. M. Green, *American Cities in the Growth of the Nation;* D. F. Putnam (Ed.), *Canadian Regions;* J. H. Patterson, *North America.*

198. Advanced Regional Geography: Monsoon Asia. Mr. Rawson. Twenty-five lectures, Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1962–63.

Syllabus.—Studies of environment and society in the countries from West Pakistan to Manchuria, inclusive. Treatment will be on a country-and-topic basis, with more detailed study of selected regions; some work on large-scale maps will be included.

Recommended reading.—GENERAL: W. G. East and O. H. K. Spate (Eds.), *The Changing Map of Asia;* A. D. C. Peterson, *The Far East;* J. Sion, *Asie des Moussons* (*Géographie Universelle*, Tome IX, Pts. 1 and 2); L. D. Stamp, *Asia;* O. H. K. Spate, *India and Pakistan;* E. H. G. Dobby, *South East Asia;* J. E. Spencer, *Asia East by South.* COUNTRIES: Relevant chapters in: V. Anstey, *The Economic Development of India;* R. Mukerjee (Ed.), *Economic Problems of Modern India;* K. J. Pelzer, *Pioneer Settlement in the Asiatic Tropics;* G. B. Cressey, *Land of 500 Million, A Geography of China;* O. Lattimore, *Inner Asian Frontiers of China;* G. T. Trewartha, *Japan;* E. A. Ackerman, *Japan's Natural Resources;* Sir A. Pim, *Colonial Agricultural Production;* B. H. Farmer, *Pioneer Peasant Colonization in Ceylon.* References to periodical literature will be issued during the course.

199. Advanced Regional Geography: Africa. Dr. Harrison-Church, Dr. Pugh and Mr. Rawson. Sessional. Available also for B.A. (Honours) and B.Sc. (Special). This course will be given only in the day in the session 1962–63.

Syllabus.—A study of the physical environment and of the distribution of man and his economic activities, especially south of the Sahara. Treatment will be by topics and by countries.

Recommended reading.—L. D. Stamp, *Africa* or W. Fitzgerald, *Africa;* Lord Hailey, *An African Survey: Revised* 1956, Chaps. 1, 11–15, 22–23; R. J. Harrison-Church, *West Africa;* K. M. Buchanan and J. C. Pugh, *Land and People in Nigeria;* L. C. King, *South African Scenery* (2nd edn.); Monica Cole, *South Africa;* J. H. Wellington, *Southern Africa* (2 vols.); J. Despois, *L'Afrique du Nord.*

Further reading will be indicated during the course.

200. Advanced Regional Geography: Western and Central Europe. Dr. Harrison Church, Mr. Elkins and Mr. Hamilton. Thirty-five lectures, Sessional. This course will be given in the day and in the evening in the session 1962–63.

Syllabus.—A study of the physical environment, natural resources, land use, agriculture and industry in their national and regional differentiation.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe;* M. R. Shackleton, *Europe;* F. J. Monkhouse, *Western Europe;* A. Guilcher and J. Beaujeu-Garnier, *L'Europe du Nord et du Nord-Ouest;* A. F. A. Mutton, *Central Europe;* P. George and J. Tricart, *L'Europe Centrale*, Tome I; R. E. Dickinson, *The Regions of Germany* or *Germany;* T. H. Elkins, *Germany;* W. R. Mead, *An Economic Geography of Scandinavia and Finland.*

Other literature will be suggested during the course.

201. Geography Seminar. Dr. Harrison-Church, Mr. Sinclair and Dr. Jackson. Sessional.

Discussion on special areas and topics. Permission to attend the seminar may be given to graduate students and others by Dr. Harrison-Church.

Optional Subjects

202. Historical Geography—I. Dr. Lambert and Dr. Yates. Sessional.

Also for B.Sc. (Econ.) Part II (OR) Special subject of Economic History (Modern), Option (v) (a) and Part II (RR)—*Historical Geography*, V 8j; VI 7 and 8k; XIII 3e.

This course will be given only in the day in the session 1962–63.

Syllabus.—A general study of the inter-relation between man and his physical environment in historical time, illustrated by specific instances. A more detailed study of the historical geography of the British Isles.

Recommended reading.—W. G. East, *The Geography behind History;* J. B. Mitchell, *Historical Geography;* L. Febvre and L. Bataillon, *A Geographical Introduction to History;* H. C. Darby (Ed.), *An Historical Geography of England before* 1800; *The Domesday Geography of Eastern England.*

203. Political Geography. Dr. Harrison-Church and Professor Jones. Sessional. (Available also for B.A. Honours in Geography —Political Geography I.) This course will be given only in the day in the session 1962–63. Students should also follow Course No. 243.

Syllabus.—A general study of the interaction between geographical factors and the state, including such aspects as territorial organisation, frontiers and boundaries, demographic considerations and strategic factors. A closer study will be made of one or more areas.

Recommended reading.—Hans W. Weigert and others, *Principles of Political Geography;* W. G. East and A. E. Moodie (Eds.), *The Changing World.*

Other literature will be suggested during the course.

204. Applied Geography. Professor Wise and Mr. Estall. Sessional. This course will be given only in the day in the session 1962–63.

Syllabus.—The application of geographical methods to problems of regional survey and land use planning.

Recommended reading.—L. D. Stamp, *The Land of Britain: its Use and Misuse; Applied Geography;* The Association for Planning and Regional Reconstruction, *Town and Country Planning Textbook;* W. Ashworth, *The Genesis of Modern British Town Planning;* R. E. Dickinson, *City, Region and Regionalism;* Cmd. 6153 (The Barlow Report), 1940; Cmd. 6378 (The Scott Report), 1942; Cmd. 8204, "Town and Country Planning, 1943–51", and subsequent reports of the Ministry of Housing and Local Government; J. Saville, *Rural Depopulation in England and Wales*, 1851–1951; T. W. Freeman, *Geography and Planning.*

205. Geomorphology. Dr. Sealy and Dr. Clayton. Sessional.

Recommended reading.—J. Umbgrove, *The Pulse of the Earth;* J. A. Steers, *The Unstable Earth;* W. D. Thornbury, *Principles of Geomorphology;* W. M. Davis, *Geographical Essays* (2nd edn.); W. Penck. *Morphological Analysis of Land Forms* (trans. by Boswell and Czech); L. C. King, *South African Scenery* (2nd edn.); R. F. Flint, *Glacial and Pleistocene Geology;* S. W. Wooldridge and D. L. Linton, *Structure, Surface and Drainage in South-east England;* A. J. Wells and J. F. Kirkaldy, *An Introduction to Historical Geology;* B. W. Sparks, *Geomorphology.*

206. Surveying and Cartography. If required, this course will be given only in the day in the session 1962–63.

207. Social Geography. Professor Jones. Sessional.

Syllabus.—A study of the relationships of social groups with their environment and the regional differentiation of such relationships.

Recommended reading.—P. M. J. Vidal de la Blache, *Principles of Human Geography;* R. Firth, *Human Types;* I. Bowen, *Population;* J. Beaujeu-Garnier, *Géographie de la Population;* R. E. Dickinson, *City, Region and Regionalism;* W. A. Gauld, *Man, Nature and Time;* A. H. Hawley, *Human Ecology;* J. Houston, *A Social Geography of Europe.*

Further reading will be suggested during the course.

Note: Students reading Geography for Part II of the B.Sc. (Econ.) degree are required to attend a field class in the Easter vacation.

Reference should also be made to the following courses:—

No. 171.—**Economics and History of Transport.**
No. 172.—**The Economics of Air Transport.**
No. 173.—**The Economics of Shipping.**
No. 174.—**Economics and History of Transport** (Class).

Courses for B.A. Honours and B.Sc. Special

Note: Students reading for the B.A. (Hons.) and B.Sc. (Special) degrees in Geography are required to attend a field class in each year of the course. The field classes are normally held in the Easter vacation.

First Year

208. Physical Geology. Professor Wooldridge and Professor Taylor. Twenty-five lectures, Sessional.

209. Physical Basis of Geography—I. Dr. Pugh, Dr. Yates and Miss Coleman. Twenty-five lectures, Sessional.

Syllabus.—An outline survey of the physical geography of Land, Air, and Ocean.

Recommended reading.—S. W. Wooldridge and R. S. Morgan, *The Physical Basis of Geography;* A. Holmes, *Principles of Physical Geology;* C. A. Cotton, *Landscape;* O. D. von Engeln, *Geomorphology;* B. W. Sparks, *Geomorphology.*

210. Physical Basis of Geography—II. (Meteorology and Climatology). Dr. Jackson. Twenty-five lectures, Sessional.

Recommended reading.—G. T. Trewartha, *An Introduction to Climate;* F. K. Hare, *The Restless Atmosphere;* W. G. Kendrew, *Climatology;* A. A. Miller, *Climatology;* H. C. Willett, *Descriptive Meteorology;* H. R. Byers, *General Meteorology;* C. E. P. Brooks, *The English Climate;* G. T. Trewartha, *The Earth's Problem Climates.*

211. Physical Geography Class. Dr. Pugh and Mr. Brunsden. Michaelmas and Lent Terms.

212. Elements of Cartography and Map Interpretation. Dr. Pugh and Mr. Brunsden. Twenty-five lectures, Sessional. With field work in the third term.

Syllabus.—The principles and methods of construction of map projections. General principles of topographic survey, with practical field work using survey instruments. The broad outlines of the history of map-making, with special reference to the development of Ordnance Survey maps.

Recommended reading.—A. H. Jameson and M. T. M. Ormsby, *Elementary Surveying and Map Projection;* J. A. Steers, *An Introduction to the Study of Map Projections;* F. Debenham, *Map Making;* A. R. Hinks, *Maps and Survey;* W. Norman Thomas, *Surveying; The Admiralty Manual of Hydrographic Surveying;* R. G. D. Allen, *Statistics for Economists.*

213. Elements of Cartography and Map Interpretation (Practical). Dr. Bird and Mr. Brunsden. Twenty-five classes, Sessional.

Syllabus.—Techniques of map-making and the representation of the physical and cultural landscapes on maps. Cartographic and diagrammatic methods of expressing data relating to weather, climate, economic and population conditions. The interpretation of geological, topographic, land use and other maps of geographical importance. Major foreign surveys and the International Map.

Throughout the course emphasis is placed on individual work and practical exercises on each type of map.

Recommended reading.—H. St. J. L. Winterbotham, *A Key to Maps;* F. J. Monkhouse and H. R. Wilkinson, *Maps and Diagrams;* G. H. Dury, *Map Interpretation;* E. Raisz, *General Cartography;* W. G. V. Balchin and A. W. Richards, *Practical and Experimental Geography.*

214. Introduction to Human Geography—I. Professor Wooldridge, Dr. Lambert and Dr. Yates. Twenty-five lectures, Sessional.

215. Introduction to Human Geography—II. Professor Jones and Mr. Elkins. Twenty-five lectures, Sessional.

These two courses will consider the facts and concepts of the geography of society.

Recommended reading.—W. A. Gauld, *Man, Nature and Time;* P. E. James, *A Geography of Man;* J. B. Brunhes, *Human Geography;* N. J. G. Pounds, *An Historical and Political Geography of Europe;* A. M. Carr-Saunders, *Population;* J. H. G. Lebon, *An Introduction to Human Geography;* C. D. Forde, *Habitat, Economy, and Society.*

Second Year

216. Physical Basis of Geography—III. Professor Wooldridge and Dr. Yates. Twenty-five lectures, Sessional.

Syllabus.—(i) A survey of the pedogenic processes and their results. The world soil groups. Characteristics and utilisation of cultivated soils. The principles of ecology as applied to natural vegetation, crops and animal societies of economic importance.

(ii) A treatment of selected aspects of the physical geography of Britain.

Recommended reading.—G. W. Robinson, *Soils; Mother Earth;* A. D. Hall and E. J. Russell, *Soil Conditions and Plant Growth;* G. R. Clarke, *The Study of the Soil in the Field;* A. G. Tansley, *The British Islands and their Vegetation;* M. I. Newbigin, *Plant and Animal Geography;* A. E. Trueman, *The Scenery of England and Wales.*

217. Advanced Regional Geography—British Isles. Professor Wise, Dr. Bird and Dr. Yates. Forty lectures, Michaelmas and Lent Terms.

Syllabus.—A detailed treatment of the major regions of the British Isles. Appreciation of the conditions, physical, social and economic, that have influenced the modern pattern of

settlement and land use. Special studies of selected industrial and agricultural areas. The modern economic geography of Britain, including distribution of population, location pattern of selected industries, evolution of the present pattern of land use.

The course will be accompanied by recommended practical map work.

Recommended reading.—L. D. Stamp and S. H. Beaver, *The British Isles;* J. B. Mitchell (Ed.), *Great Britain: Essays in Regional Geography;* A. E. Trueman, *The Scenery of England and Wales;* U.K. Geological Survey and Museum, *British Regional Geology;* L. D. Stamp, *The Land of Britain, its Use and Misuse;* Land Utilisation Survey of Britain, *The Land of Britain;* Wilfred Smith, *An Economic Geography of Great Britain;* T. W. Freeman, *Ireland;* A. E. Trueman, *The Coalfields of Great Britain;* E. G. Bowen (Ed.), *Wales;* A. E. Smailes, *North England.*

218. Advanced Regional Geography—Western and Central Europe—I. Professor Wooldridge and others. Ten lectures, Summer Term.

Recommended reading.—M. R. Shackleton, *Europe;* E. de Martonne, *L'Europe Centrale* (*Géographie Universelle*, Tome IV); H. J. Mackinder, *The Rhine;* H. J. Fleure, *Human Geography in Western Europe.*

219. Cartography and Map Interpretation (Practical). Mr. Elkins, Dr. Yates and Dr. Bird. Sessional.

220. Regional Aspects of Human Geography. Mr. Rawson, Mr. Sinclair and Dr. Odell. Sessional. The course will be accompanied by a discussion class.

Note: Students in their second year will be required to begin work on their chosen Optional subjects; the following courses will be provided:—

221. Mathematical Geography and Surveying—I. An intercollegiate course.

222. Geomorphology—I. Professor Wooldridge and others. Twenty lectures, Sessional. An intercollegiate course to be given at King's College.

223. Geomorphology Class. Professor Wooldridge. Sessional.

224. Meteorology and Climatology—I. Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.

Recommended reading.—H. C. Willett and F. Sanders, *Descriptive Meteorology;* G. T. Trewartha, *The Earth's Problem Climates.*

225. Plant Geography—I. Dr. Yates and others. An intercollegiate course.

226. Economic Geography—I. Professor Buchanan and Dr. Odell. Twenty-five lectures, Sessional.

Recommended reading.—N. J. G. Pounds, *An Introduction to Economic Geography;* E. W. Zimmermann, *World Resources and Industries.*

227. Historical Geography—I. Dr. Lambert and Dr. Yates. Sessional.

Syllabus.—As for Course No. 202.

228. History of Geographical Science and Discovery—I. Dr. Jackson and others. An intercollegiate course.

229. Political Geography—I. Dr. Harrison-Church and Professor Jones. Sessional.

Syllabus.—As for Course No. 203.

230. Geography of Settlement—I. Professor Wise, Professor Jones, Mr. Elkins and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.

Third Year

231. Seminar. Professor Wooldridge, Professor Wise and Dr. Sealy. Sessional.

232. Advanced Regional Geography—Western and Central Europe—II. Mr. Elkins, Dr. Harrison-Church and Mr. Hamilton. Michaelmas and Lent Terms.

Recommended reading.—G. W. Hoffman (Ed.), *A Geography of Europe;* E. de Martonne and A. Demangeon, *La France* (*Géographie Universelle*, Tome VI); F. J. Monkhouse, *Western Europe;* R. E. Dickinson, *Germany;* T. H. Elkins, *Germany;* A. Guilcher and J. Beaujeu-Garnier, *L'Europe du Nord et du Nord-Ouest;* A. F. A. Mutton, *Central Europe;* P. George and J. Tricart, *L'Europe Centrale*, Tome I; W. R. Mead, *An Economic Geography of Scandinavia and Finland.*

Note: Students are required to select one other area for advanced regional study. Reference should be made to the following courses:—

No. 197.—**North America.**
No. 198.—**Monsoon Asia.**
No. 199.—**Africa.**

Note: Students in their third year will be required to continue work on their chosen Optional subject; the following courses will be provided:—

233. Mathematical Geography and Surveying—II. Fifty lectures. An intercollegiate course.

234. Geomorphology—II. Professor Wooldridge and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at University College.

235. Geomorphology Class. Professor Wooldridge. Twenty-five classes, Sessional.

236. Meteorology and Climatology—II. Dr. Jackson and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Bedford College.

237. Plant Geography—II. Dr. Yates and others. An intercollegiate course to be given at Bedford College.

238. Economic Geography—II. Professor Buchanan, Professor Wise and others. Twenty-five lectures, Sessional. An intercollegiate course to be given at Birkbeck College.

239. Economic Geography Class. Professor Buchanan, Dr. J. E. Martin and Dr. Odell. Twenty-five classes, Sessional.

240. Historical Geography—II: Western and Central Europe. Dr. Lambert. Sessional.

Syllabus.—A study of the inter-relations of man and his environment since prehistoric times with special reference to the part played by man's activities in adapting the landscape to his needs, and considering also the geographical significance of political and administrative divisions.

Recommended reading.—W. G. East, *An Historical Geography of Europe; The Geography behind History;* E. A. Freeman, *The Historical Geography of Europe; Cambridge Economic History of Europe*, Vol. I, especially chaps. 1, 2, 3, 6 and 8; *Cambridge Medieval History of Europe*, Vol. I, chap. 13; Vol. V, chap. 5; Vol. VI, chaps. 14 and 15; Vol. VII, chaps. 8, 9 and 24; W. L. Thomas (Ed.), *Man's Role in Changing the Face of the Earth;* J. H. Clapham, *The Economic Development of France and Germany.*

241. Historical Geography Class. Dr. Lambert and Dr. Yates. Fifteen classes, Michaelmas and Lent Terms.

242. History of Geographical Science and Discovery—II. Dr. Jackson and others. An intercollegiate course to be given at Birkbeck College.

243. Political Geography—II. Dr. Harrison-Church and Professor Jones. Twenty-five lectures, Sessional. An intercollegiate course.

244. Geography of Settlement—II. Professor Jones and others. Sessional. An intercollegiate course to be given at Birkbeck College.

245. Geography of Settlement Class. Professor Jones. Michaelmas and Lent Terms.

246. Applied Geography. Professor Wise and Mr. Estall. Sessional.

Syllabus.—As for Course No. 204.

Courses for B.A. General and B.Sc. General (Part II)

Intercollegiate students reading for B.A. General and B.Sc. General (Part II) taking Geography as one of three subjects, are recommended to take the following courses:—

Courses for B.A. General

First Year: Courses 208, 209, 212, 213.
Second Year: Courses 216, 217, 218, 219.
Third Year: Course 232.

Courses for B.Sc. General (Part I)

First Year: Courses 208, 209, 210, 212, 213, 216.

Courses for B.Sc. General (Part II)

Second Year: Courses 217, 218, 219, 224.
Third Year: Courses 232 and *one* of 221, 222, 224, 225, 246.

For Graduate Students

247. Aerial Photography in Geographical Studies. Mr. Rawson and Dr. Sealy. Admission by permission of Mr. Rawson.

248. Geography Seminar. Professor Jones and others. A graduate seminar will be held weekly at times to be arranged.

249. Regional Survey Problems (Seminar). An evening seminar. Admission by permission of Professor Wise.

250. Air Transport Problems (Seminar). An evening seminar. Admission by permission of Dr. Sealy.

Reference should also be made to the following sections and course:—

Anthropology—Regional studies.
Economics—International Economics.
No. 515.—**Geographical and Strategic Factors in International Politics.**

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

S. W. Wooldridge, C.B.E., D.Sc., F.R.S.; Professor of Geography.
J. C. Pugh, M.A. (Cantab.), Ph.D., A.R.I.C.S.; Reader in Geography.
J. H. Bird, B.A., Ph.D.; Lecturer in Geography.
Alice M. Coleman, M.A.; Lecturer in Geography.
T. H. Elkins, B.A.; Lecturer in Geography.
E. M. Yates, M.Sc., Ph.D.; Lecturer in Geography.
D. Brunsden, B.Sc.; Assistant Lecturer in Geography.
G. R. P. Lawrence, M.Sc.; Assistant Lecturer in Geography.

HISTORY

ECONOMIC HISTORY

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193 in Part II of the Calendar.

259. Economic History.

(c) Industrialisation and the International Economy, 1850-1939.

Dr. Barker and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (OR) (Third Year Evening).

Syllabus.—The further industrialisation of Britain and its relation to other aspects or economic change. The economic development of the U.S.A. The extent and general character of industrialisation in the rest of the world. The relation between industrialisation and the supply of food and raw materials. The growth of international specialisation and trade. The main influences on the speed and smoothness of economic expansion at different times.

260. The Economic History of Great Britain and America, 1850–1939.

Dr. John and Mr. Potter. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR); and for B.A. Honours in Philosophy and Economics (First and Second Years).

Syllabus.—The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II.

Recommended reading.—Textbooks: W. A. Lewis, *Economic Survey*, 1919–1939; W. Ashworth, *A Short History of the International Economy*, 1850–1950; M. G. Jones, *American Immigration;* The Royal Institute of International Affairs, *The Problem of International Investment;* A. G. Poole and G. P. Jones, *A Hundred Years of Economic Development in Great Britain;* H. F. Williamson, *The Growth of the American Economy* (4th and 5th edns.); H. C. Allen and C. P. Hill (Eds.), *British Essays in American History*.

For reference.—H. M. Pelling, *America and the British Left: from Cobden to Bevan;* T. C. Cochran and W. Miller, *The Age of Enterprise: A Social History of Industrial America;* A. K. Cairncross, *Home and Foreign Investment;* W. Ashworth, *An Economic History of England*, 1870–1939; G. C. Allen, *British Industries and their Organization*.

261. Industrialisation and the International Economy since 1830.

Dr. Barker and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (RR)—*History* (1) (*Economic History*) I 2a; II 2i; IV 2a; VII 2; VIII 3; XI 3a; XII 3; XIII 3a; XIV 3.

Syllabus and **recommended reading** will be given at the beginning of the course.

262 Introduction to Modern English Economic History. Mr. W. M. Stern. Twenty-five lectures, Sessional.

For B.A. Honours in History; for the Diploma in Social Administration (First Year); for Diploma in Personnel Management and Intermediate (LL.B.) Option (d), (ii) (b).

Syllabus.—The subject will be divided into three periods: from the discovery of the New World to the middle of the eighteenth century; the Industrial Revolution and its aftermath; and the last hundred years. In each period, the development of agriculture, industry, trade and transport will be traced against the background of population changes, economic thought and fluctuations, social organisation and policy.

Recommended reading.—W. J. Ashley, *The Economic Organisation of England;* J. H. Clapham, *A Concise Economic History of Britain from the Earliest Times to* 1750; G. N. Clark, *The Wealth of England,* 1496–1760; M. D. George, *England in Transition;* T. S. Ashton, *The Industrial Revolution,* 1760–1830; W. H. B. Court, *A Concise Economic History of Britain from* 1750 *to Recent Times;* G. Dangerfield, *The Strange Death of Liberal England,* 1910–1914.

For reference.—T. S. Ashton, *An Economic History of England: The Eighteenth Century;* W. Ashworth, *An Economic History of England,* 1870–1939; J. H. Clapham, *Economic History of Modern Britain;* P. Mantoux, *The Industrial Revolution in the Eighteenth Century;* G. D. H. Cole and R. W. Postgate, *The Common People,* 1746–1946; H. Hamilton, *History of the Homeland;* H. Lynd, *England in the Eighteen-Eighties.*

Books on particular subjects will be recommended in the course of the lectures.

263. English Economic History in the Sixteenth and Seventeenth Centuries. Dr. Coleman. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economic History (Modern) and Economic History (Mediaeval), Option (v) (c).

Syllabus.—This course will deal with particular aspects of the following subjects: landownership and farming; industrial and commercial development; labour; transport; public finance; credit and the development of financial institutions; the economic relations between England and her Colonies; economic thought and policy.

Recommended reading.—A bibliography will be given at the beginning of the course.

264. Economic History of England and Western Europe in the Sixteenth and Seventeenth Centuries. Dr. Coleman and Professor Fisher. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II (RR)—*English Economic History,* 1485–1760, V 3; VI 7 and 8c and B.A. Honours in History, Optional subject of Economic History.

Syllabus.—This course will be divided as follows:—

MICHAELMAS TERM

(*a*) Dr. Coleman.—Introduction to the principal economic problems of, and the main developments in, Western Europe and England, 1500–1700. Five lectures.

(*b*) Professor Fisher.—Aspects of the economic history of Tudor and early Stuart England, especially population, agriculture, and rural society. Five lectures.

LENT AND SUMMER TERMS

(*c*) Dr. Coleman.—English economic development 1500–1700, dealing in particular with the following subjects: industry and trade; credit, banking and public finance; landownership and farming under the later Stuarts; the economic relations between England and her colonies; economic thought and policy; labour and society in later Stuart England. Fifteen lectures.

Recommended reading.—Reading will be recommended during the course.

265. English Economic History in the European Background, 1700–1850. Dr. John. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economic History (Modern), and Economic History (Mediaeval), Options (v) (c) and (d); and B.A. Honours in History, Optional subject of Economic History; Part II (RR)—*English Economic History,* 1485–1760, V 3; VI and 8c; *English Economic History from* 1760, V 4; VI 7 and 8d.

Syllabus.—Factors making for an expansion of the English economy will be examined as well as some of the consequent economic and social problems. The subjects to be treated will include the social background and government economic policy in the eighteenth century; industrial fluctuations; the development of London as a national and international money market; the growth of population; English invisible exports; changes in the structure and location of industry; the growth of a labour force; early industrialism and social discontent.

Recommended reading.—A bibliography will be given at the beginning of the course.

266. English Economic History, 1850–1939. Mr. W. M. Stern and Dr. Barker. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economic History (Modern) and Economic History (Mediaeval), Option (v) (d); Part II (RR)—*English Economic History from* 1760, V 4; VI 7 and 8d.

Syllabus.—The treatment of the subject is by topics: a general survey, which traces the background of cyclical fluctuations, is followed by detailed consideration of developments in agriculture, industry, labour problems and overseas trade and briefer discussions of public finance and the capital market. The course includes six lectures on social history, covering such topics as population growth, class structure, housing, education and the development of the other social services.

Recommended reading.—W. Ashworth, *An Economic History of England,* 1870–1939; J. H. Clapham, *An Economic History of Modern Britain,* Vols. II and III; W. H. B. Court, *A Concise Economic History of Britain from* 1750 *to Recent Times;* H. Lynd, *England in the Eighteen-Eighties;* G. Dangerfield, *The Strange Death of Liberal England;* C. L. Mowat, *Britain between the Wars,* 1918–1940; W. W. Rostow, *The British Economy of the Nineteenth Century;* Lord Ernle, *English Farming, Past and Present; Whippingham to Westminster;* G. J. Shaw-Lefevre, *Agrarian Tenures;* W. Hasbach, *A History of the English Agricultural Labourer;* J. Caird, *The Landed Interest and the Supply of Food;* G. C. Allen, *British Industries and their Organization* (3rd edn.); A. Plummer, *New British Industries in the Twentieth Century;* P. Fitzgerald, *Industrial Combination in England;* W. S. Jevons, *The Coal Question;* D. L. Burn, *The Economic History of Steel Making,* 1867–1939; P. W. S. Andrews and E. Brunner, *Capital Development in Steel;* E. C. Cleveland-Stevens, *English Railways: their Development and their Relation to the State;* W. A. Robertson, *Combination among Railway Companies;* S. and B.

Webb, *The Story of the King's Highway;* W. Rees Jeffreys, *The King's Highway;* S. H. Northcote, *Twenty Years of Financial Policy*, 1842–1861; S. C. Buxton, *Finance and Politics;* B. Mallet, *British Budgets*, 1887/88–1912/13; D. H. MacGregor, *Public Aspects of Finance;* J. F. Rees, *A Short Fiscal and Financial History of England*, 1815–1918; U. K. Hicks, *British Public Finances: their Structure and Development*, 1880–1952; *The Finance of British Government*, 1920–1936; E. Cannan, *The History of Local Rates in England;* E. L. Hargreaves, *The National Debt;* B. Chubb, *The Control of Public Expenditure;* S. M. Peto, *Taxation, its Levy and Expenditure;* Viscount Goschen, *Essays and Addresses on Economic Questions* (1865–1893); Financial Reform Association, *Fifty Years' Retrospect*, 1848–1898; S. and B. Webb, *A History of Trade Unionism to* 1920; *Industrial Democracy;* G. D. H. Cole, *A Short History of the British Working Class Movement*, 1789–1937; H. M. Pelling, *The Origins of the Labour Party;* Lord Elton, "*England, Arise!*"; J. B. Jeffreys (Ed.), *Labour's Formative Years*, 1849–1879; E. J. Hobsbawm (Ed.), *Labour's Turning Point*, 1880–1900; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain;* W. Milne-Bailey, *Trade Unions and the State;* National Association for the Promotion of Social Science, *Report of the Committee on Trades' Societies and Strikes* (1860); Sir John Simon, *English Sanitary Institutions;* R. H. Shryock, *The Development of Modern Medicine; Matters of Life and Death* (H.M.S.O., 3rd edn., 1956); *Report of the Royal Commission on Population*, 1949; J. A. Banks, *Prosperity and Parenthood;* R. Lewis and A. E. U. Maude, *The English Middle Classes;* G. D. H. Cole, *Studies in Class Structure;* R. Strachey, "*The Cause*"; E. H. C. Moberly Bell, *Storming the Citadel*; O. R. McGregor, *Divorce in England;* C. Birchenough, *The History of Elementary Education; Report of the Consultative Committee on the Education of the Adolescent* (1927), Chap. 1; W. Ashworth, *The Genesis of Modern British Town Planning;* M. E. A. Bowley, *Housing and the State;* A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century;* A. E. Feavearyear, *The Pound Sterling;* W. T. C. King, *History of the London Discount Market;* S. E. Thomas, *The Rise and Growth of Joint Stock Banking;* R. S. Sayers, *Lloyds Bank in the History of English Banking;* W. F. Crick and J. E. Wadsworth, *A Hundred Years of Joint Stock Banking;* W. Bagehot, *Lombard Street;* T. E. G. Gregory, *Select Statutes, Documents and Reports relating to British Banking*, 1832–1928; B. C. Hunt, *The Development of the Business Corporation in England*, 1800–1867; G. H. Evans, *British Corporation Finance;* L. H. Jenks, *The Migration of British Capital to* 1875; C. K. Hobson, *The Export of Capital;* H. Feis, *Europe, the World's Banker*, 1870–1914; A. K. Cairncross, *Home and Foreign Investment*, 1870–1913; C. J. Fuchs, *The Trade Policy of Great Britain and her Colonies since* 1860; R. J. S. Hoffman, *Great Britain and the German Trade Rivalry*, 1875–1914; A. H. Imlah, *Economic Elements in the Pax Britannica;* A. E. Kahn, *Great Britain in the World Economy;* F. C. C. Benham, *Great Britain under Protection.*

267. The Social and Political Structure of England in the late Sixteenth and early Seventeenth Centuries. Professor Fisher. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Economic and Political History of England:* 1575–1642, V5 and 6a.

Syllabus and **recommended reading** will be given at the beginning of the course.

268. The Social and Political Structure of England in the Nineteenth Century. Dr. Barker, Dr. Brown and Dr. John. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Economic and Political History of England;* 1830–1886, V5 and 6b.

Syllabus and **recommended reading** will be given at the beginning of the course.

269. Industrial History. Dr. Coleman. Ten lectures, Lent Term.

For Engineers and Applied Scientists (see Course 132); and for Diploma in Personnel Management.

Syllabus.—The purpose of this course is to give a general outline of the development of industrialization in the modern world and to consider in slightly more detail the economic history of Great Britain since the Industrial Revolution.

Recommended reading.—W. Ashworth, *A Short History of the International Economy*, 1850–1939; T. S. Ashton, *The Industrial Revolution*, 1760–1830; H. Heaton, *An Economic History of Europe;* E. C. Kirkland, *A History of American Economic Life;* W. A. Lewis, *The Theory of Economic Growth;* M. W. Thomas (Ed.), *A Survey of English Economic History.*

270. Economic History of North America since 1783. Dr. Erickson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economic History (Modern) and Economic History (Mediaeval), Option (v) (f); Part II (RR)—*Economic History of the United States of America from* 1783, V 7; VI 7 and 8g.

Syllabus.—Survey of economic conditions in the U.S.A. and Canada at the end of the eighteenth century.

Economic aspects of the American constitution; economic problems and policies in the first decades of the American republic.

Consideration of factors influencing North American economic development: the frontier and access to natural resources; supply of capital and the evolution of financial institutions; supply and recruitment of labour; invention and innovation.

Developments in transport, agriculture and industry; the financing and construction of canals and railroads; the disposal of public lands; sectional conflicts; agriculture since the Civil War; economic problems of the agrarian West; industrial combinations and scale of enterprise; American business fluctuations; the industrialisation of the South and West; characteristics of the American market and the development of marketing methods; problems of the inter-war period; American trade unions.

North America in international trade; economic relations between Canada and the United States; effects of British commercial policies.

The economic policy of governments: federal and state finance; banking from the First Bank of the United States to the Federal Reserve System; tariffs; anti-trust legislation; the New Deal.

Recommended reading.—On the U.S.A., the most suitable work for this course is R. M. Robertson, *History of the American Economy* (1955). Valuable introductory reading will be found in H. C. Allen and C. P. Hill (Eds.), *British Essays in American History* (1957); E. A. J. Johnson and H. E. Krooss, *The Origins and Development of the American Economy* (1953); and F. Thistlethwaite, *The Great Experiment* (1955). Other useful text-books include: E. C. Kirkland, *A History of American Economic Life* (1951); B. and L. P. Mitchell, *American Economic History* (1947); F. A. Shannon, *America's Economic Growth* (1951); H. F. Williamson (Ed.), *The Growth of the American Economy* (1951); C. W. Wright, *Economic History of the United States* (1949). On Canada: W. T. Easterbrook and H. G. J. Aitken, *Canadian Economic History* (1956); A. W. Currie, *Canadian Economic Development* (1951); L. C. A. and C. M. Knowles, *The Economic Development of the British Overseas Empire*, Vol. II (1930).

Other works: C. A. Beard, *An Economic Interpretation of the Constitution of the United States;* C. A. Beard, *The Economic Origins of Jeffersonian Democracy;* H. H. Bellot, *American History and American Historians;* R. T. Berthoff, *British Immigrants in Industrial America*, 1790–1950; E. L. Bogart and C. M. Thompson, *Readings in the Economic History of the United States;* J. B. Brebner, *North Atlantic Triangle;* V. S. Clark, *History of Manufactures in the United States;* D. G. Creighton, *The Commercial Empire of the St. Lawrence*, 1760–1850; Department of American Studies, Amherst College (Eds.), *Problems in American Civilization—Selected Readings;* J. Dorfman, *The Economic Mind in American Civilization;* F. R. Dulles, *Labor in America;* E. J. Ferguson, *The Power of the Purse;* E. Frickey, *Economic Fluctuations in the United States*, 1865–1914; *Production in the United States*, 1860–1914; P. W. Gates, *The Farmers Age, Agriculture* 1815–60; C. L. Goodrich, *Government Promotion of American Canals and Railroads;* B. Hammond, *Banks and Politics in America from the Revolution to the Civil War;* M. L. Hansen, *The Immigrant in American History;* E. C. Kirkland, *Industry Comes of Age*, 1860–97; H. B. Lary, *The United States in the World Economy;* T. G. Manning and D. M. Potter, *Select Problems in Historical Interpretation;* M. Meyers, *The Jacksonian Persuasion: politics and belief;* H. S. Perloff and others, *Regions, Resources and Economic Growth;* U. B. Phillips, *Life and*

Labor in the Old South; F. A. Shannon, *The Farmer's Last Frontier;* G. R. Taylor, *The Transportation Revolution;* Brinley Thomas, *Migration and Economic Growth;* W. P. Webb, *The Great Plains.*

271. The U.S.A. in the 1930s. Mr. Potter, Mr. Pear and others. Summer Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Economic History; and all other Third Year students interested.

Syllabus.—A short course will be held at the beginning of the Summer Term on economic, political and constitutional aspects of the New Deal.

272. Economic History of the United States of America (Class). Dr. Erickson and Mr. Potter.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Economic History (Modern) (iv), and Economic History (Mediaeval), Option (v) (f).

273. Economic History of England from the Norman Conquest to 1485. Professor Carus-Wilson and Dr. Bridbury. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR)—Alternative subject Economic History of England from the Norman Conquest to 1485; and for B.A. Honours in History (Second Year).

Recommended reading.—Books will be recommended during the course.

274. Mediæval Economic History (Classes). Classes for students taking the B.Sc. (Econ.) Part II (OR) and (RR)—Special subject of Economic History (Mediaeval) will be held by Professor Carus-Wilson and Dr. Bridbury.

275. Economic History from the Norman Conquest to 1485 (Classes). Classes for day and evening students taking this Alternative subject for Part I of the B.Sc. (Econ.) degree (OR) (Evening students) and (RR) (Day students)) will be held by Dr. Bridbury and Miss Coleman.

276. Economic History, 1485-1603 (Class). A class for students taking this special period for Part II of the B.Sc. (Econ.) (OR) degree will be held by Professor Fisher.

277. Modern Economic History, 1830-1876 (Class). Classes for students taking this special period for Part II of the B.Sc. (Econ.) (OR) degree will be held by Dr. John and Mr. W. M. Stern.

278. Classes. From the middle of the Michaelmas Term a weekly class for the discussion of historical topics will be held by members of the Department for students taking the B.Sc. (Econ.) Part II—Special subject of Economic History (Modern).

FOR GRADUATE STUDENTS

279. Economic History of the Eighteenth and Early Nineteenth Centuries (Seminar). This seminar will be held fortnightly by Dr. A. H. John at the Institute of Historical Research. Admission will be strictly by permission of Dr. John.

Reference should also be made to the following section and courses:—

Politics and Public Administration.

No. 81. —**English Monetary and Banking History.**
No. 171.—**Economics and History of Transport.**
No. 172.—**The Economics of Air Transport.**
No. 173.—**The Economics of Shipping.**
No. 174.—**Economics and History of Transport (Class).**
No. 202.—**Historical Geography—I.**
No. 240.—**Historical Geography—II.**
No. 302.—**International Economic History, 1850–1945.**
No. 369.—**History of English Law.**
No. 371.—**Introduction to International Law of the Sea.**
No. 843(a).—**Historical Introduction to Modern Britain.**

INTERNATIONAL HISTORY

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193 in Part II of the Calendar.

289. Political History, 1763-1939. Dr. Anderson, Dr. Hearder and Mr. Watt. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR).

Syllabus.—The course will provide a general survey of European history in the period, special attention being given to the growth of the modern nation states and their impact on the non-European world.

Recommended reading.—A basic textbook can be chosen from one of the following: E. Barker (Ed.), *The European Inheritance*, Vols. II and III (part of Vol. III, by G. Bruun, is available in the Home University Library series); G. Bruun and W. K. Ferguson, *A Survey of European Civilisation;* C. J. H. Hayes and C. W. Cole, *History of Europe;* T. W. Riker, *A Short History of Modern Europe;* J. C. Revill, *World History*.

More detailed books on specific periods are: D. Thomson, *Europe since Napoleon;* M. Bruce, *The Shaping of the Modern World*, 1870–1939, Vol. 1, 1870–1914; F. L. Benns, *Europe since* 1914 *in its world setting* or F. P. Chambers, *This Age of Conflict*. Guidance on further reading can best be obtained from W. N. Medlicott, *Modern European History*, 1789–1945; *A select bibliography*, published by the Historical Association (*Helps for Students of History* No. 60).

The following volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, are recommended for more advanced reading: L. Gershoy, *From Despotism to Revolution*, 1763–1789; C. Brinton, *A Decade of Revolution*, 1789–1799; G. Bruun, *Europe and the French Imperium*, 1799–1814; F. B. Artz, *Reaction and Revolution*, 1815–1830; R. C. Binkley, *Realism and Nationalism*, 1852–1871; C. J. H. Hayes, *A Generation of Materialism*, 1871–1900. Of the numerous national histories, the best guides are: A. Cobban, *A history of modern France*, 2 vols. (Pelican series); E. J. Passant and others, *A short history of Germany*, 1815–1945; A. Vernadsky, *A History of Russia;* C. J. S. Sprigge, *The development of modern Italy;* A. Nevins, *A brief History of the United States;* K. S. Latourette, *A short history of the Far East;* R. A. Humphreys, *The evolution of Latin America*.

A Historical Atlas, such as Robertson's, Muir's, or Seligman's, is essential.

290. Political History. Thirty lectures. Dr. Hatton, Dr. Bourne, Miss Lee and Mr. Grün.

For B.Sc. (Econ.) Part II (RR)—*Political History*, I 2a; II 2; IV 2a; V 8k; VII 2; VIII 3; XI 3a; XII 3; XIV 3.

Syllabus.—The general political relationships of the powers since the sixteenth century; the effect of the Renaissance, the Reformation and the Expansion of Europe upon political life; the rise of the nation states; the absolute monarchies of the sixteenth and seventeenth centuries; the Enlightenment of the eighteenth century; the American Revolution and the break-up of the old colonial Empires; the French Revolution and its Napoleonic aftermath; the reconstruction of Europe, 1813–22; the subsequent progress of liberal, revolutionary and nationalist movements; the growth of the great modern states; the new

imperialism, with special reference to Africa and the Far East; the United States and Japan in world affairs; the first world war and its aftermath.

Recommended reading.—Any of the following outline surveys can be chosen: M. Beloff (Ed.), *History, Mankind and his Story;* J. C. Revill, *World History;* G. Bruun and W. K. Ferguson, *A Survey of European Civilisation;* H. A. L. Fisher, *History of Europe;* A. J. Grant, *Five Centuries of Europe;* Hayes and Cole, *History of Europe;* E. Lipson, *Europe in the 19th Century;* H. G. Nicholas, *American Union;* M. Bruce, *The Shaping of the Modern World*, 1870–1939 (Vol. I).

This can be followed by the study of a more detailed survey, such as, C. J. Hayes, *A Political and Cultural History of Europe* (any edition, preferably that of 1952); Grant and Temperley, *Europe in the 19th and 20th Centuries* (6th edn. revised by L. M. Penson); J. H. Jackson (Ed.), *A Modern History of Europe;* T. W. Riker, *A Short History of Modern Europe* (1948 edition); David Thomson, *Europe since Napoleon*. For more advanced reading the volumes in the series *The Rise of Modern Europe*, edited by W. L. Langer, can be recommended. The following are useful for non-European developments: S. E. Morison and H. L. Commager, *Growth of the American Republic*, or A. Nevins, *A Brief History of the United States;* R. Muir, *The Expansion of Europe;* Sir John Pratt, *The Expansion of Europe into the Far East*, or K. S. Latourette, *A Short History of the Far East;* M. Bruce, *The Shaping of the Modern World*, Vol. 1, 1870–1914.

A historical atlas is necessary, either Muir's *Historical Atlas*, or Robertson and Bartholomew, *Historical Atlas*, 1789–1914, or Seligman's *Historical Atlas*.

Advice on specialisation in the history of countries, areas and periods, with books and articles for such specialisation, will be given during lectures and classes.

291. International History, 1500-1815. Dr. Hatton and Dr. Anderson. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II (RR)—*International History*, 1494–1815, XIII 4; B.A. Honours in History (First Year).

Syllabus.—The main aspects of relations between the European powers, with attention to intellectual, military and economic factors. The development of diplomatic organisation will also be studied.

Recommended reading.—

DIPLOMACY AND DIPLOMATIC ORGANISATION: Sir G. Butler and S. Maccoby, *The Development of International Law;* D. P. Heatley, *Diplomacy and the Study of International Relations;* G. Mattingly, *Renaissance Diplomacy;* Sir E. M. Satow, *A Guide to Diplomatic Practice*.

DIPLOMATIC HISTORY: GENERAL: G. Zeller, *Les temps modernes*, Pts. i and ii. (Part of the series *Histoire des Relations Internationales*) (P. Renouvin, Ed.); A. Fugier, *La Révolution Française et l'Empire Napoléonien* (another part of the same series); A. Sorel, *L'Europe et la Revolution Française*, Vol. I *Les Moeurs et les Traditions; New Cambridge Modern History*, relevant chaps of Vols. I, II, V and VII (especially Vol. I, chap. ix, Vol. II chaps. x, xi and xvi, Vol. V, chap. ix, Vol. VII, chaps. ix, xviii-xx). W. L. Langer (Ed.), *The Rise of Modern Europe*, relevant portions from the volumes covering this period; or from the relevant volumes of *Clio: Introduction aux Études Historiques;* V. P. Potemkin (Ed.) *Histoire de la Diplomatie*, Vol. I.

INDIVIDUAL COUNTRIES: P. Rain, *La Diplomatie Française d'Henri IV à Vergennes;* Sir A. W. Ward and G. P. Gooch (Eds.), *The Cambridge History of British Foreign Policy*, Vol I; S. F. Bemis, *A Diplomatic History of the United States;* C. de Grunwald, *Trois Siècles de Diplomatie Russe*.

INTERNATIONAL LAW: J. L. Brierly, *The Law of Nations;* P. C. Jessup and others, *Neutrality, its History, Economics and Law* (2 Vols.).

MILITARY AND STRATEGIC BACKGROUND: J. U. Nef, *War and Human Progress;* A. Vagts, *A History of Militarism;* E. M. Earle and others (Eds.) *Makers of Modern Strategy*.

Further reading on particular aspects or periods will be recommended during the course.

292. Diplomatic Relations of the Great Powers, 1815-1914. Professor Medlicott and Miss Lee. Forty lectures, Sessional (day). Twenty lectures, Sessional (evening).

For B.Sc. (Econ.) Part II (OR)—Special subjects of International History; International Relations; Economic History (Modern), Option (v) (c); and Economic History (Mediaeval), Option (v) (e); Part II (RR)—*Diplomatic Relations of the Great Powers*, 1815–1914, XIII 5 (Second Year students), *International History*, 1815–1945, V 8c; VI 7 and 8e, XI 4. B.A. Honours in History—Optional subject of Diplomatic Relations since 1815 (Second Year Final); Certificate in International Studies.

(a) **Origin and Character of 19th Century Diplomatic Developments.** Professor Medlicott. Six lectures, Michaelmas Term.

(b) **The Palmerston-Metternich Era, 1830-1848.** Miss Lee. Six lectures, Michaelmas Term.

(c) **The Bismarck Era, 1848-1890.** Professor Medlicott. Fourteen lectures, Michaelmas and Lent Terms.

(d) **The Era of the First World War, 1890-1914.** Professor Medlicott. Fourteen lectures, Lent Term.

Recommended reading.—Grant, Temperley, Penson, *Europe in the Nineteenth and Twentieth Centuries* (6th edn. (1952): text-book); R. Albrecht-Carrié, *A Diplomatic History of Europe since the Congress of Vienna;* C. Dupuis, *Le Principe d'Equilibre et le Concert Européen;* W. N. Medlicott, *Modern European History*, 1789–1945, *A select bibliography;* R. W. Seton-Watson, *Britain in Europe*, 1789–1914; C. K. Webster, *The Congress of Vienna; The Foreign Policy of Castlereagh* (2 vols.); *The Foreign Policy of Palmerston* (2 vols.); H. W. V. Temperley, *The Foreign Policy of Canning;* H. G. Schenk, *The Aftermath of the Napoleonic Wars;* C.W. Cawley, *The Question of Greek Independence*, 1821–1833; H. W. V. Temperley, *England and the Near East* (1808–1854); H. M. Vinacke, *A History of the Far East in Modern Times;* A. J. Whyte, *The Evolution of Modern Italy;* E. Darmstaedter, *Bismarck and the Creation of the Second Reich;* P. de la Gorce, *Napoleon III et sa politique;* L. P. Wallace, *The Papacy and European Diplomacy*, 1869–1878; B. H. Sumner, *Russia and the Balkans*, 1870–1880; W. N. Medlicott, *The Congress of Berlin and After; Bismarck, Gladstone, and the Concert of Europe;* W. L. Langer, *European Alliances and Alignments; The Franco-Russian Alliance*, 1890–1894; *The Diplomacy of Imperialism;* W. Mansergh, *The Coming of the First World War*, 1878–1914; H. C. Allen, *Great Britain and the United States.* Further books on particular aspects will be recommended during the course.

293. International History, 1914-1945. Mr. Grün and Mr. Watt. Twenty lectures, Michaelmas Term, fifteen lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International History; International Relations; Economic History (Modern), Option (v) (c); and Economic History (Mediæval), Option (v) (e) Part II (RR)—*International History*, 1914–1945, XIII 6; *International History*, 1815–1945, V 8c; VI 7 and 8e; XI 4. B.A. Honours in History—Optional subject of Diplomatic Relations since 1815 (Second Year Final); Certificate in International Studies.

Syllabus.—The political and diplomatic history of the period, with due attention to both European and non-European developments.

Recommended reading.—G. M. Gathorne-Hardy, *A Short History of International Affairs*, 1920–1939 (4th edn.); F. P. Chambers and others, *This Age of Conflict* (2nd edn.); F. P. Walters, *A History of the League of Nations;* W. M. Jordan, *Great Britain, France, and the German problem*, 1918–1939; A. Wolfers, *Britain and France between two wars;* H. V. Hodson, *Slump and Recovery*, 1929–1937; G. M. Carter, *The British Commonwealth and International Security;* E. H. Carr, *German-Soviet Relations between the two World Wars*, 1919–1939; A. L. C. Bullock, *Hitler: A Study in Tyranny;* E. Wiskemann, *The Rome-Berlin Axis;* G. H. N. Seton-Watson, *Eastern Europe between the Wars*, 1918–1941; M. Beloff, *The Foreign Policy of Soviet Russia*, 1929–1941; R. W. van Alstyne, *American Crisis Diplomacy;* J. T. Pratt, *War and Politics in China;* H. Feis, *The Road to Pearl Harbor; Churchill, Roosevelt, Stalin;* C. Wilmot, *The Struggle for Europe;* W. W. Gottlieb, *Studies in Secret Diplomacy.*

Further material for reading will be suggested in the course of the lectures.

294. The Mediterranean in International Politics, 1815-1914. Miss Lee. Six lectures, Michaelmas Term (day only).

For students taking B.Sc. (Econ.) Part II (OR) and (RR)—Special subjects of International History; International Relations; 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, 1926–7); A. J. Marder, *The Anatomy of British Sea Power;* J. Tramond and A. Reussner, *Eléments d'Histoire Maritime et Coloniale;* R. Pinon, *L'Empire de la Méditerranée;* J. Marlowe, *Anglo-Egyptian Relations*, 1800–1953.

295. The Baltic in International Politics since 1815. Dr. Hatton. Eight lectures, Lent Term (day only).

For students taking B.Sc. (Econ.) Part II (OR) and (RR)—Special subjects of International History; International Relations; and other students interested.

Syllabus.—The changes of 1814–15 within the Northern balance; the Pan-Scandinavian movement 1830–60; the Crimean War; the Slesvig-Holstein crisis 1860–4; the nationalist era 1870–1918 and the independence movements in Norway, Finland, the east-Baltic states, and Iceland; Scandinavia and the League of Nations; Scandinavia and the approach of World War II.

Recommended reading.—The national histories by J. H. Birch, L. Krabbe, K. Larsen, I. Andersson, and J. H. Jackson; L. D. Steefel, *The Schleswig-Holstein Question;* E. F. Heckscher (Ed.), *Sweden, Norway, Denmark and Iceland in the World War;* W. F. Reddaway, *Problems of the Baltic;* H. Friis, *Scandinavia between East and West;* S. S. Jones, *The Scandinavian States and the League of Nations;* H. Tingsten, *The Debate on the Foreign Policy of Sweden*, 1918–1939; F. D. Scott, *The United States and Scandinavia;* R. E. Lindgren, *Norway-Sweden, Union, Disunion, and Scandinavian Integration;* F. Lindberg, *Scandinavia in Great Power Politics*, 1905–1908.

296. Naval Disarmament in the Inter-War Years, 1918-1939. Mr. Watt. Eight lectures, Michaelmas Term (day only).

For Students taking B.Sc. (Econ.) Part II (OR) and (RR)—Special subjects of International History; International Relations; and other students interested.

Syllabus.—A study of the diplomatic and strategic origins, inspiration, consequences and breakdown of the various provisions, conferences, agreements and treaties for naval disarmament and limitation from the Armistice provisions of November 1918 to the suspension of the London Naval Treaty of 1936 at the outbreak of the Second World War. The subject will be dealt with in the context of the development of international relations

in the inter-war years and for the light it may throw upon more general issues of limitation of armaments by agreement.

Recommended reading.—Harold H. and Margaret T. Sprout, *Toward a New Order of Sea-Power;* Raymond L. Buell, *The Washington Conference and After;* P. T. Noel-Baker, *Disarmament and the Coolidge Conference;* Raymond G. O'Connor, *Perilous Equilibrium;* Merze Tate, *The United States and Armaments;* F. H. Hinsley, *Command of the Sea;* Warner Schilling, "Civil-Naval Relations in World War I", *World Politics*, 1954–55; Frederick Greene, "Military Views of American National Policy 1904–1940", *American Historical Review*, 1961; Raymond G. O'Connor, "The 'Yardstick' and Naval Disarmament in the 1920s", *Mississippi Valley Historical Review*, 1958; Gerald E. Wheeler, "Isolated Japan: Anglo-American Diplomatic Co-operation, 1927–1936", *Pacific Historical Review*, 1961.

297. British-American-Russian Relations, 1815-1915. Dr. Anderson and Dr. Bourne. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International History, Option (iv) (c); International Relations; Part II (RR)—*British-American-Russian Relations*, 1815–1914, XIII 8c (Third Year students); B.A. Honours in History—Optional subject of Diplomatic Relations of the Great Powers since 1815 (Second Year); Certificate in International Studies.

Syllabus.—Diplomatic relations of the three powers during the period, with due attention to the geographical, economic and strategic factors which shaped their foreign policies in the areas of contact and tension.

Recommended reading.—H. C. Allen, *Great Britain and the United States;* T. A. Bailey, *A Diplomatic History of the American People* (4th edn., 1950); S. F. Bemis, *A Diplomatic History of the United States* (3rd edn., 1950); R. W. van Alstyne, *American Diplomacy in Action;* E. Hölzle, *Russland und Amerika;* A. A. Lobanov-Rostovsky, *Russia and Asia;* W. A. Williams, *American-Russian Relations*, 1781–1947; D. Perkins, *Hands Off: A History of the Monroe Doctrine;* W. C. Costin, *Great Britain and China*, 1833–1860; J. K. Fairbank, *Trade and Diplomacy on the China Coast;* P. Joseph, *Foreign Diplomacy in China*, 1894–1900; H. H. Dodwell, *A Sketch of the History of India from* 1858 *to* 1918; *The Cambridge History of the British Empire*, Vol. 4, Chap. 28, Vol. 5, Chaps. 23 and 25; C. C. Davies, *The Problem of the North-west Frontier*, 1890–1908; H. H. and M. T. Sprout, *The Rise of American Naval Power*, 1776–1918; A. J. Marder, *British Naval Policy*, 1880–1905; F. H. Michael and G. E. Taylor, *The Far East in the Modern World;* W. L. Langer, *The Diplomacy of Imperialism;* A. W. Griswold, *The Far Eastern Policy of the United States;* E. H. Zabriskie, *American-Russian Rivalry in the Far East*, 1895–1914; L. M. Gelber, *The Rise of Anglo-American Friendship*, 1898–1906; A. E. Campbell, *Great Britain and the United States*, 1895–1903.

298. The Old Foreign Office, 1815-1861. Dr. Hearder. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of International History, Option (iii) (a)—Part II (RR)—*The Old Foreign Office*, 1815–1861, XIII 7a (Third Year students).

Syllabus.—The development and working of the British Foreign Office and diplomatic and consular machinery, based on the following authorities:—

Report from the Select Committee appointed to inquire into the Constitution and Efficiency of the Present Diplomatic Service; together with the *Proceedings* of the Committee, *Minutes of Evidence*, *Appendix* and *Index* (23 July 1861); E. Hertslet, *Recollections of the Old Foreign Office* (1901); H. W. V. Temperley and L. M. Penson, *A Century of Diplomatic Blue Books*, 1814–1914 (1938).

299. The Great Powers and Egypt, 1882-1888. Miss Lee. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of International History, Option (iii) (b); Part II (RR)—*The Great Powers and Egypt*, 1882–1888, XIII 7b (Third Year students).

Syllabus.—The international development of the Egyptian question, with special reference to the Suez Canal, based on the following authorities:—

British and Foreign State Papers, 1882–1883 (Vol. lxxiv); 1887–1888 (Vol. lxxix); C. de Freycinet, *La Question d'Egypte* (1905); Lord Cromer, *Modern Egypt* (1908).

300. The Manchurian Crisis, 1931-33. Mr. Grün. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International History, Option (iii) (c), and International Relations, Option (v) (b); Part II (RR)—*The Manchurian Crisis*, 1931–1933, XIII 7c (Third Year students).

Syllabus.—A detailed survey, based on the study of available original sources, of the international implications of the Sino-Japanese conflict from the time of the Mukden incident (September, 1931) to the conclusion of the Tangku truce (May, 1933). The policies of the Great Powers as well as the role played by the League of Nations will be examined, and the significance of the crisis will be placed in the context of the development of international relations in the inter-war years, based on the following authorities:—

Papers Relating to the Foreign Relations of the United States, Japan: 1931–1941, Vol. I, pp. 1–117; *League of Nations: Official Journal*, Special Supplements Nos. 101–102 and 111–113; *League of Nations: Appeal by the Chinese Government, Report of the Commission of Enquiry.*

301. Anglo-German Naval Diplomacy, 1933-1939. Mr. Watt. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of International History; Part II (RR)—*Anglo-German Naval Diplomacy*, 1933–1939, XIII 7d (Third Year students).

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).

302. International Economic History, 1850-1945. Mr. W. M. Stern. Sixteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of International History, Option (iv) (b); Part II (RR)—*International Economic History*, 1850–1945, V 8d; VI 7 and 8f; XIII 8b (Third Year students).

Syllabus.—The development of international trade, migration, and investment and the chief influences upon it, including changes in transport, in financial organisation, and in the commercial policies of the Great Powers. The growth of international economic organisations, both public and private. The changing influence of economic factors on the political and military strength of the Great Powers.

Recommended reading.—P. Ashley, *Modern Tariff History;* W. Ashworth, *A Short History of the International Economy*, 1850–1950; J. B. Condliffe, *The Commerce of Nations;* M. R. Davie, *World Immigration;* H. Feis, *Europe, the World's Banker*, 1870–1914; I. Ferenczi and W. F. Willcox, *International Migrations;* League of Nations, II, Economic and Financial, 1942, A.3, *The Network of World Trade;* A.6, *Commercial Policy in the Inter-War Period;* 1945, A.10, *Industrialization and Foreign Trade;* W. A. Lewis, *Economic Survey*, 1919–1939;

Royal Institute of International Affairs, *The Problem of International Investment;* United Nations, 1954, II, E.3, *Growth and Stagnation in the European Economy* (I. Svennilson).

E. Hexner and A. Walters, *International Cartels;* M. Hill, *The Economic and Financial Organization of the League of Nations;* O. J. Lissitzyn, *International Air Transport and National Policy;* L. L. Lorwin, *The International Labor Movement;* E. S. Mason, *Controlling World Trade;* A. Plummer, *International Combines in Modern Industry;* J. Price, *The International Labour Movement;* J. T. Shotwell (Ed.), *The Origins of the International Labor Organization;* A. Sturmthal, *Unity and Diversity in European Labor.*

W. Y. Carman, *A History of Firearms from Earliest Times to* 1914; H. C. Engelbrecht and F. C. Hanighen, *Merchants of Death: a Study of the International Armament Industry;* W. K. Hancock and M. M. Gowing, *British War Economy* (History of the Second World War, United Kingdom Civil Series); D. T. Jack, *Studies in Economic Warfare;* A. J. Marder, *British Naval Policy*, 1880–1905; J. T. W. Newbold, *How Europe Armed for War* (1871–1914); E. A. Pratt, *The Rise of Rail Power in War and Conquest*, 1833–1914; *Survey of International Affairs*, 1939–46, Vol. I, *The World in March*, 1939, Part II (Royal Institute of International Affairs); Y.-L. Wu, *Economic Warfare.*

303. **Political History (Class).** Fortnightly classes for the discussion of historical topics will be held in the Michaelmas and Lent Terms by members of the Department for first-year students taking the paper in Political History, B.Sc. (Econ.) Part I (RR).

304. **Political History (Class).** Fortnightly classes for the discussion of historical topics will be held by members of the Department in the Summer Term for second year students and in the Michaelmas and Lent Terms for Third Year students taking the paper in Political History, B.Sc. (Econ.) Part II (RR).

305. **International History, 1500-1815 (Class).** Classes will be held throughout the session in connexion with Course No. 291 for B.Sc. (Econ.) Part II (RR) students.

306. **International History, 1815-1945 (Class).** Classes for students taking courses 292 and 293 for Part II of the B.Sc. (Econ.) (OR).

307. **International History, 1815-1945 (Class).** Fortnightly classes will be held throughout the session in connexion with Courses Nos. 292 and 293, for B.Sc. (Econ.) Part II (RR) students.

FOR GRADUATE STUDENTS

308. **International History in the Eighteenth Century (Seminar).** This seminar will be held fortnightly throughout the session by Dr. Hatton at the Institute of Historical Research. Admission will be strictly by permission of Dr. Hatton.

309. **International History, 1815-1939** (Introductory course). A class for beginners in research on the sources and methods of research in modern diplomatic history, at the Institute of Historical Research. Dr. Anderson. Michaelmas Term.

310. **International History, 1815-1939 (Seminar).** This seminar will be held by Professor Medlicott at the Institute of Historical Research. Admission will be strictly by permission of Professor Medlicott.

311. **The Diplomatic Background of the Second World War (Seminar).** Professor Medlicott, Mr. Grün and Mr. Watt. Admission will be strictly by permission of Professor Medlicott.

Reference should also be made to the following courses:—

No. 334 —**European History, 1500–1800.**
No. 335.—**European History since 1800 (Classes).**
No. 347.—**The Near Eastern Question, 1875–1881 (Intercollegiate Seminar).**
No. 507.—**International Institutions.**
No. 665.—**Current Problems in the Middle East and North Africa (Seminar).**

GENERAL AND SPECIAL COURSES FOR B.A. HONOURS IN HISTORY (and for B.A. Honours in Geography with History Subsidiary)

325. English History before 1450. Dr. Waley. Fifty lectures in two sessions.

For B.A. Honours in History (First and Second Years).

Recommended reading.—The best text-books are: R. G. Collingwood and J. N. L. Myres, *Roman Britain and the English Settlements;* F. M. Stenton, *Anglo-Saxon England;* A. L. Poole, *From Domesday Book to Magna Carta;* F. M. Powicke, *The Thirteenth Century;* M. McKisack, *The Fourteenth Century*, 1307–1399; E. F. Jacob, *The Fifteenth Century*, 1399–1485; Oxford History of England, Vols. 1–6.

Other specially recommended works are: W. Stubbs, *Constitutional History of England;* F. Pollock and F. W. Maitland, *History of English Law;* R. H. Hodgkin, *History of the Anglo-Saxons* (edn. 3); F. M. Stenton, *The First Century of English Feudalism;* A. L. Poole, *Obligations of Society in the Twelfth and Thirteenth Centuries;* E. Power, *Medieval People* (Pelican Books).

Further books will be recommended during the course.

326. Mediæval English History (Classes). Classes will be held by Mr. King throughout the session for students taking B.A. Honours in History.

327. English History, 1450–1603. Mrs. Carter. Twenty lectures, Sessional. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.A. Honours in History (First and Second Years).

Recommended reading.—The best text-books are: G. R. Elton, *England under the Tudors;* J. D. Mackie, *The Earlier Tudors;* J. B. Black, *The Reign of Elizabeth*, 1558–1603 (2nd edn.).

Further books will be recommended during the course.

328. English History, 1603–1760. Mrs. Carter. Twenty lectures, Sessional.

For B.A. Honours in History (First and Second Years).

Recommended reading.—The best text-books are: G. Davies, *The Early Stuarts*, 1603–1660 (2nd edn.); G. N. Clark, *The Later Stuarts*, 1660–1714; A. F. B. Williams, *The Whig Supremacy*, 1714–1760; M. A. Thomson, *A Constitutional History of England*, 1642–1801.

Further books will be recommended during the course.

329. English History from 1450 to 1760 (Classes). Classes and tutorials will be held by Mrs. Carter throughout the session for students taking B.A. Honours in History.

330. English History, 1760 to 1846. Dr. Brown. Twenty lectures, Sessional.

For B.A. Honours in History.

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

331. English History from 1760 to 1920 (Classes). Classes and tutorials will be held by Dr. Brown throughout the session for students taking B.A. Honours in History.

332. European History, 1200–1500. Dr. Waley. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.A. Honours in History (First and Second Years).

Recommended reading.—Books will be recommended during the course.

333. Mediæval European History (Classes). Classes will be held by Dr. Waley throughout the session for students taking B.A. Honours in History.

334. European History, 1500–1800. Various lecturers. Michaelmas and Lent Terms.

For B.A. Honours in History (optional subject).

Syllabus.—Histories of individual states. Introduction (Dr. Hatton); The Ottoman Empire (Professor Medlicott); Italy (Dr. Hearder); Spain (Dr. de Madariaga); France (Miss Lee); The Dutch Republic (Mrs. Carter); Sweden (Dr. Hatton); Germany and Prussia (Dr. Hatton); Russia (Dr. Anderson); Austria (Mr. Grün); The French Revolution (Dr. Hearder).

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

334 (A). European History, 1500–1900 (Classes). Classes will be held for students taking B.A. Honours in History. Dr. de Madariaga will hold classes throughout the session for first year students and Dr. Anderson and Dr. Hatton will hold revision classes in the Michaelmas and Lent Terms for third year students.

335. European History since 1800 (Classes). Classes will be held for students taking B.A. Honours in History. Dr. Bourne and Dr. Hearder will hold classes throughout the session for second year students taking B.A. Honours in History.

336. The History of Ancient and Mediæval Political Thought. Dr. Sharp. Twenty lectures in two terms.

For B.A. Honours in History (First Year).

Recommended reading.—TEXTS: Plato, *Republic* (trans. F. M. Cornford); Aristotle, *Politics* (trans. E. Barker); St. Augustine, *De Civitate Dei*, Book XIX (Everyman edn.); John of Salisbury, *Policraticus* (trans. J. Dickinson); St. Thomas Aquinas, *Selected Political Writings* (Ed., A. P. d'Entrèves); Dante, *De Monarchia* (trans. P. H. Wicksteed).

GENERAL: E. Barker, *From Alexander to Constantine;* M. Bowra, *The Greek Experience;* M. Foster, *Plato to Machiavelli* in E. M. Salt (Ed.), *Masters of Political Thought*, Vol. 1; C. H.

McIlwain, *Growth of Political Thought in the West;* A. P. d'Entrèves, *The Medieval Contribution to Political Thought;* G. Glotz, *The Greek City;* W. W. Tarn, *Hellenistic Civilization* (2nd edn.); L. Homo, *Roman Political Institutions;* G. de Lagarde, *La Naissance de l'Esprit laïque,* Vols. I and II (2nd edn.); E. Lewis, *Mediaeval Political Ideas* (2 vols.); T. Gilby, *Principality and Polity;* W. Ullman, *Principles of Government and Politics in the Middle Ages.*

337. The History of Political Thought. Classes will be held by Dr. Sharp and Mr. Cranston in the Michaelmas and Lent Terms for students taking B.A. Honours in History.

338. English Constitutional History before 1450 (Class). Professor Plucknett will hold a weekly class during the session on English Constitutional History before 1450, for students taking B.A. Honours in History (Second Year) and B.Sc. (Econ.) Part II—Special subject of Economic History (Mediæval), Option (v) (a).

Syllabus.—Local institutions, and social structure as shown in early English Law. Feudalism, and its political aspects.

Central organs of government; the Crown, the council and the judicial system. Administration through the household, exchequer, sheriffs and commissions.

Origin and development of parliament; relations of king, barons and commons in general politics, as illustrated in the principal constitutional crises of the period. Relations with the papacy and clergy.

Recommended reading.—As an introduction: T. P. Taswell-Langmead, *English Constitutional History* (11th edn.); J. E. A. Jolliffe, *Constitutional History of Medieval England.*

The best text-book is W. Stubbs, *Constitutional History of England,* especially Vols. II and III.

Other works which may be consulted are: J. F. Baldwin, *The King's Council;* W. A. Morris, *The Medieval English Sheriff;* R. L. Poole, *The Exchequer in the Twelfth Century;* D. Pasquet, *Essay on the Origins of the House of Commons;* M. V. Clarke, *Medieval Representation and Consent;* T. F. T. Plucknett, *Legislation of Edward I;* F. M. Stenton, *First Century of English Feudalism;* G. O. Sayles, *Medieval Foundations of England;* T. F. Tout, *Edward II; Chapters in the Administrative History of Medieval England;* A. B. Steel, *Richard II;* J. Tait, *The Medieval English Borough;* H. M. Cam, *Liberties and Communities;* D. C. Douglas (Ed.), *English Historical Documents.*

Frequent reference should be made to W. Stubbs' *Select Charters,* and to E. C. Lodge and G. A. Thornton's *English Constitutional Documents.*

339. English Constitutional Documents (Mediæval) (Class). A class for students taking B.A. Honours in History (Second Year) will be held by Professor Plucknett in the Lent and Summer Terms.

Students should endeavour to get copies of W. Stubbs, *Select Charters* (8th or 9th edition) and E. C. Lodge and G. A. Thornton (Eds.), *English Constitutional Documents.*

Reference should also be made to the following course:—

No. 340.—**Constitutional History of England, from the end of the Fifteenth Century to the present day (Class).**

340. Constitutional History of England, from the end of the Fifteenth Century to the present day (Class). Mrs. Carter and Dr. Brown will hold classes in the Michaelmas and Lent Terms on English Constitutional History from the end of the fifteenth century, for students taking B.A. Honours in History (with Optional subject of English Constitutional History) and others.

341. English Economic History. Classes for students taking B.A. Honours in History with Optional subject of English Economic History will be held throughout the session by Professor Carus-Wilson and others.

342. The Civilisation of the Renaissance in Italy, 1400-1550. Classes will be held at the Warburg Institute in the Michaelmas Term by Dr. Waley and others for students taking B.A. Honours in History with Optional subject of the Civilisation of the Renaissance in Italy, 1400–1550.

343. Diplomatic History, 1814-1945. Classes for students taking B.A. Honours in History with Optional subject Diplomatic History, 1814–1945 will be held by Dr. Hearder.

344. The Economy of England in the Fifteenth Century (Classes). Classes will be held by Professor Carus-Wilson throughout the session for students taking B.A. Honours in History with the Special subject The Economy of England in the Fifteenth Century.

345. Florence during the Renaissance, 1464-1530 (Intercollegiate). Classes will be held throughout the session by Dr. Waley for students taking B.A. Honours in History with special subject of Florence during the Renaissance, 1464–1530.

346. Economic and Social History of Tudor England (Intercollegiate Seminar). A seminar will be held by Professor Fisher for students taking B.A. Honours in History with the special subject of Economic and Social History of Tudor England.

347. The Near Eastern Question, 1875-1881 (Intercollegiate Seminar). A seminar will be held on Monday afternoons by Professor Medlicott, starting in the Summer Term, for B.A. Honours students taking the Special subject of the Near Eastern Question, 1875–1881.

348. English and European History from the end of the Fifteenth to the Eighteenth Century (Classes). Classes and tutorials will be held throughout the session by Mrs. Carter on the outlines of English and European History, for students taking History as a subsidiary subject to B.A. Honours in Geography.

Note.—Intercollegiate lecture courses covering the field of Mediæval European History from 400–1500 and Modern European History from 1500 to the present day are given at the Senate House on Monday mornings throughout the session 1962–63.

Reference should also be made to the following courses:—

No. 262.—**Introduction to Modern English Economic History.**
No. 264.—**Economic History of England and Western Europe in the Sixteenth and Seventeenth Centuries.**
No. 265.—**English Economic History in the European Background, 1700-1850.**
No. 273.—**Economic History of England from the Norman Conquest to 1485.**
No. 291.—**International History, 1500-1815.**
No. 292.—**Diplomatic Relations of the Great Powers, 1815-1914.**
No. 293.—**International History, 1914-1945.**
No. 294.—**The Mediterranean in International Politics, 1815-1914.**
No. 295.—**The Baltic in International Politics since 1815.**
No. 297.—**British-American-Russian Relations, 1815-1914.**
No. 562.—**English Constitutional History since 1660.**
No. 586.—**Political and Social Theory.**
No. 838.—**Feudal Society.**

INTERNATIONAL STUDIES

The majority of the subjects in which instruction is given at the School are relevant to the student of international affairs, who will find amongst the courses of study listed under the heads, for example, of Anthropology Geography and Government many that will be of interest to him. There should, however, be singled out for special mention the courses of instruction listed under the heads of:

International Economics:	Courses 100 to 121, pp. 316 to 320.
International History:	Courses 289 to 311, pp. 354 to 361.
International Law:	Courses 370 to 371, pp. 376, 377 and, particularly,
International Relations:	Courses 500 to 534, pp. 413 to 420.

LAW

LAW

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 178-193 in Part II of the Calendar.

360. English Constitutional Law. Professor de Smith and Mr. Park. Forty lectures, Sessional (day), 25 lectures of one-and-a-half hours (evening).

For LL.B. Intermediate; the B.A. General; B.Sc. (Econ.) Part I (OR) (Third Year) (Evening)—Alternative subject of Elements of English Law, Part B. Optional for Diploma in Public Administration (First Year).

Syllabus.—The nature of constitutional law—sources and characteristics of English constitutional law—separation of powers—the supremacy of Parliament—constitutional conventions.

Parliament, its meeting, composition, functions, powers and procedure—control of national finance—parliamentary privilege.

The Executive—the monarchy—royal prerogative—the Privy Council—Cabinet government—the position of the Prime Minister—ministerial responsibility—the Crown and foreign relations.

The constitutional position of the Judiciary—administrative law in England—types of governmental powers—remedies against public authorities—the Crown in litigation—delegated legislation—the rule of law.

The citizen and the State—liberties of the subject—emergency powers—military and martial law.

The British Commonwealth—the main forms of constitutional development and structure within the Commonwealth—relations of Commonwealth countries with the Crown and the United Kingdom—allegiance and citizenship in the Commonwealth—the Judicial Committee of the Privy Council.

Recommended reading.—E. C. S. Wade and G. G. Phillips, *Constitutional Law* (6th edn.); *or* O. Hood Phillips, *The Constitutional Law of Great Britain and the Commonwealth* (3rd edn.); D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.); *or* O. Hood Phillips, *Leading Cases in Constitutional Law* (2nd edn.).

Further reading: A. V. Dicey, *Introduction to the Study of the Law of the Constitution* (10th edn.); W. I. Jennings, *The Law and the Constitution* (5th edn.); A. Denning, *Freedom under the Law;* L. S. Amery, *Thoughts on the Constitution* (2nd edn.); G. Marshall and G. C. Moodie, *Some Problems of the Constitution;* R. F. V. Heuston, *Essays in Constitutional Law.*

For Reference: W. R. Anson, *Law and Custom of the Constitution* (Vol. I, 5th edn.; Vol. II, 4th edn.); W. I. Jennings, *Cabinet Government* (3rd edn.); *Parliament* (2nd edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (3rd edn.); H. W. R. Wade, *Administrative Law*; W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. 1, Chaps. 1–3; S. A. de Smith, *Judicial Review of Administrative Action*; K. C. Wheare, *The Constitutional Structure of the Commonwealth.*

361. English Legal System. Professor Wheatcroft, Mr. Diamond and Mr. Dworkin. Thirty-five lectures, Sessional (day), Mr. Dworkin, 25 lectures of one-and-a-half hours (evening).

For LL.B. Intermediate; and for Academic Postgraduate Diploma in Law.

Syllabus.—The constitution, jurisdiction and personnel of civil and criminal courts. The legal profession.

Civil and criminal procedure. Evidence. Litigation and legal aid.

Statutes and subordinate legislation. Case law.

The divisions of English Law. Contract, Tort, Crime and Property.

The origins and development of the Common Law.

Legal persons.

Recommended reading.—G. L. Williams, *Learning the Law* (6th edn.); R. M. Jackson, *The Machinery of Justice in England* (3rd edn.); A. K. R. Kiralfy, *The English Legal System* (2nd edn.); O. Hood Phillips, *First Book of English Law* (4th edn.).

362. Elements of the Law of Contract. Mr. Grunfeld and Professor Stevens. Forty-five lectures, Sessional, for day students. Twenty-five lectures, each of one-and-a-half hours, Sessional, for evening students.

A class for discussion will be held at a time to be arranged.

For LL.B. Intermediate and B.A. General.

Syllabus.—

(1) Formation of a valid contract: intention to create legal relations, offer and acceptance, legal basis of standard contracts, consideration, capacity, form, misrepresentation, mistake, duress, undue influence, illegality.

(2) Content: interpretation of express terms, doctrine of the implied term, judicial and legislative control of imposed contracts.

(3) Privity: rights, obligations, exemption clauses. (Note: assignment and agency are excluded.)

(4) Performance: due performance, calling the contract off, varied performance, failure in performance—(a) frustration, (b) breach of contract.

(5) Remedies for breach of contract: repudiation, damages, specific performance, injunction. Limitation of action. (Note: quasi-contract is excluded.)

Students attending the day course must have with them a copy of Smith and Thomas, *Casebook on Contract*, as instruction will be by the casebook method.

Recommended reading.—J. C. Smith and J. A. C. Thomas, *Casebook on Contract;* G. C. Cheshire and C. H. S. Fifoot, *Law of Contract;* P. S. Atiyah, *Introduction to the Law of Contract;* W. R. Anson, *Principles of the English Law of Contract;* D. Hughes Parry, *The Sanctity of Contracts in English Law.*

Further reading.—J. Chitty, *Treatise on the Law of Contracts*, Vol. I; R. Sutton and N. P. Shannon, *Contracts;* J. F. Wilson, *Principles of the Law of Contract;* F. Pollock, *Principles of Contract.*

Students should always use the latest editions of the above books.

363. Criminal Law. Mr. Hall Williams and Mr. Downey. Forty-six lectures (day), 25 lectures of one-and-a-half hours (evening), Sessional.

For LL.B. Final, Part I.

Syllabus.—Definition and classification of crimes, and the general nature of criminal law. General principles of responsibility. Exemptions from responsibility and defences. Degrees of participation. Preliminary crimes.

Offences against the person. Murder, manslaughter, infanticide, child destruction, suicide. Wounding and assaults.

Offences against Property. Legal theories of ownership, possession and custody in relation to criminal law. Larceny, robbery, blackmail, false pretences, cheat, personation. Embezzlement, falsification of accounts, fraudulent conversion, obtaining credit by fraud.

Receiving. Burglary, housebreaking and sacrilege. Arson and malicious damage. Forgery.

Offences of a Public Nature. Perjury, bigamy, criminal libel, conspiracy and public mischief.

Recommended reading.—C. S. Kenny, *Outlines of Criminal Law* (Ed., J. W. C. Turner, omitting parts concerning Procedure and Evidence); R. Cross and P. A. Jones, *Introduction to Criminal Law* (omitting parts concerning Procedure and Evidence); J. W. C. Turner and A. Ll. Armitage, *Cases on Criminal Law;* R. Cross and P. A. Jones, *Cases on Criminal Law.*

For further reading:—W. O. Russell, *Crime* (Ed., J. W. C. Turner); G. L. Williams, *Criminal Law—The General Part;* D. R. S. Davies and others, *The Modern Approach to Criminal Law;* J. Ll. J. Edwards, *Mens Rea in Statutory Offences; Report* of the U.K. Royal Commission on Capital Punishment, 1949–53 (Cmd. 8932); J. F. Stephen, *A History of the Criminal Law of England.*

The following should be purchased by the student: The Larceny Act, 1916; The Homicide Act, 1957; Criminal Law Revision Committee *Second Report* (*Suicide*) 1960 (Cmnd. 1187).

364. Sentencing and the Treatment of Offenders. Mr. Hall Williams. Five lectures, Lent Term.

Optional for LL.B. Parts I and II; B.A./B.Sc. (Sociology) Option I 8 and 9d (Second Year students); B.Sc. (Econ.) Part II (RR)—*Criminology*, VIII 8c; Academic Postgraduate Diploma in Law.

Syllabus.—The aims of punishment for crime. The sentencing process. A brief account of current trends in the treatment of offenders.

Recommended reading.—H. Mannheim, *Criminal Justice and Social Reconstruction;* Sir L. Page, *The Sentence of the Court;* H. L. A. Hart, *Punishment and the Elimination of Responsibility; Report of the Interdepartmental Committee on the Business of the Criminal Courts* (The Streatfeild Committee) February 1961, Cmnd. 1289; *The Treatment of Offenders in Britain*, U.K. Central Office of Information, February 1960; H.M.S.O.; Howard Jones, *Crime and the Penal System.*

365. English Law—Tort. Mr. Dworkin and Mr. Evans. Fifty lectures, Sessional, for day students. Twenty-five lectures, each of one-and-a-half hours, Sessional, for evening students.

For LL.B. Part I.

Syllabus.—Nature of tort. General principles of liability. Negligence. Liability for dangerous chattels and premises. Causing death, trespass to the person, assault and battery, false imprisonment and intentional physical harm. Defamation, slander of title and malicious words. Trespass to land and recovery of possession. Nuisance, excluding injury to servitudes. Trespass to goods, detinue and conversion. The rule in *Rylands* v. *Fletcher*. Liability for animals. Liability under statutory powers and duties. Inducement of breach of contract, intimidation and conspiracy. General defences, including remoteness of damage. Vicarious responsibility. Effect of death. Remedies.

Recommended reading.—Text-books: Sir J. W. Salmond, *The Law of Torts* (13th edn.); H. Street, *The Law of Torts* (2nd edn.); P. H. Winfield, *Text-book on the Law of Tort* (6th edn.).

Further Reading: C. A. Wright, *Cases on the Law of Torts* (2nd edn.); J. F. Clerk and W. H. B. Lindsell, *The Law of Torts* (12th edn.); S. Chapman, *Statutes on the Law of Torts.*

366. English Land Law. Dr. Valentine. Twenty-five lectures, Sessional.

For LL.B. Final, Part I and Part II.

Syllabus.—The general principles of English Land Law under the system of unregistered and registered titles, comprising the following matters:—

The general nature and classification of estates and interests in land; the principles of the 1925 legislation.

Estate ownership in fee simple; estate ownership and powers of disposition under the Settled Land Act, 1925 and trusts for sale; the principal restrictions on the use and enjoyment of land, in outline only.

The term of years absolute; its nature, creation, assignment and determination; the principal statutory provisions concerning security of tenure, in outline only; covenants running with the land and the reversion.

Legal and equitable interests enforceable against the land; easements and *profits à prendre* and kindred interests; covenants running with the land at law and in equity; licences; the provisions of the Land Charges Act, 1925.

Equitable interests arising under settlements and trusts; life interests; entailed interests; equitable powers; interests in possession and expectancy; the present rules against remoteness.

Concurrent interests in land.

Mortgages; nature and creation; the equity of redemption; priority of mortgages.

Registration of title; the nature and extent of interests capable of registration; overriding interests; minor interests; indefeasibility of title.

Recommended reading.—TEXT-BOOKS: G. C. Cheshire, *The Modern Law of Real Property* (8th edn.); R. E. Megarry, *A Manual of the Law of Real Property* (2nd edn.).

FURTHER READING: R. E. Megarry and H. W. R. Wade, *The Law of Real Property* (2nd edn.); H. J. Hood and H. W. Challis, *Property Acts* (8th edn.); G. H. Curtis and T. B. F. Ruoff, *Registered Conveyancing*.

367. Jurisprudence and Legal Theory. Mr. Tapper. Fifty lectures, Sessional (day), twenty-five lectures of one-and-a-half hours (evening).

For LL.B. Part II.

Syllabus.—Theories of the nature and basis of law; the law of nature and natural rights; law and ethics; law and fact; sovereignty and the imperative theory; individual and social utilitarianism; legal posivitism; analytical theory and the pure theory of law; the historical schools and customary law; sociological theories and theories of interests; economic interpretations and Marxist theory; legal realism, American and Scandinavian.

Critical study of the English rules of custom, precedent and the interpretation of statutes. The judicial process and the theory of precedent and of the *ratio decidendi*. Comparison of common law and civil law approaches. Codification and its effects. Analysis, evaluation and judicial treatment of the concepts of legal personality, rights and duties. The impact of legal theory upon the foregoing.

Recommended reading.—BASIC TEXT-BOOKS: D. Lloyd, *Introduction to Jurisprudence;* Sir C. K. Allen, *Law in the Making*.

MAIN SOURCES: St. Thomas Aquinas, *Summa Theologica;* T. Hobbes, *Leviathan;* J. Locke, *The 2nd Treatise on Civil Government;* J. J. Rousseau, *The Social Contract;* J. Bentham, *A fragment on Government* and *An introduction to the Principles of Morals and Legislation*; J. Austin, *The Province of Jurisprudence Determined;* J. C. Gray, *The Nature and Sources of the Law;* H. Kelsen, *General Theory of Law and State;* H. L. A. Hart, *The Concept of Law*; E. Ehrlich, *Fundamental Principles of the Sociology of Law;* V. I. Lenin, *The State and Revolution;* J. N. Frank, *Law and the Modern Mind;* K. Olivecrona, *Law as Fact;* W. N. Hohfeld, *Fundamental Legal Conceptions;* B. N. Cardozo, *The Nature of the Judicial Process*.

ANTHOLOGIES: J. Hall (Ed.), *Readings in Jurisprudence;* M. R. Cohen and F. S. Cohen (Eds.). *Readings in Jurisprudence and Legal Philosophy*.

COMMENTARIES: J. Stone, *The Province and Function of Law;* W. G. Friedmann, *Legal Theory* (4th edn.).

MISCELLANEOUS: Passerin D'Entrèves, *Natural Law;* H. Kelsen, *What is Justice?;* Lord Radcliffe, *The Law and its Compass;* R. Cross, *Precedent in English Law;* W. G. Friedmann, *Law and Social Change in Contemporary Britain* (2nd edn.).

368. Administrative Law. Professor Griffith. Twenty-five lectures, Sessional.

For LL.B. Final—Optional subject of Administrative Law; for B.Sc. (Econ.) Part II (OR)—Special subject of Government (v) (b). Optional for Diploma in Public Administration (Second Year).

Syllabus.—The nature of administrative law.

The legislative, executive and judicial powers of the Administration. Bills and subordinate legislation. Judicial functions of Ministers and administrative tribunals.

The control of the powers of the Administration. The scope and nature of Parliamentary and judicial control. Public opinion. Consultation. Advisory Committees.

The structure of the central government. The principles of Crown liability.

The structure and financing of local government. The liability of local authorities.

The nature and constitution of public corporations. Relation to Ministers and to Parliament. Powers, duties, liabilities and privileges. Consumer bodies.

Recommended reading.—TEXT-BOOKS: J. A. G. Griffith and H. Street, *Principles of Administrative Law* (3rd edn. 1962); W. I. Jennings, *Principles of Local Government Law* (4th edn. 1960).

GENERAL READING: W. A. Robson, *Justice and Administrative Law* (3rd edn. 1951); *Nationalized Industry and Public Ownership;* S. A. de Smith, *Judicial Review of Administrative Action;* C. T. Carr, *Concerning English Administrative Law;* G. L. Williams, *Crown Proceedings;* C. K. Allen, *Law and Orders* (2nd edn. 1956); W. O. Hart, *Introduction to the Law of Local Government and Administration* (6th edn. 1957); G. F. M. Campion (Lord Campion) and others, *British Government since* 1918; *Parliament: A Survey* (especially Ch. II); H. S. Morrison, *Government and Parliament;* R. M. Jackson, *The Machinery of Local Government;* W. I. Jennings, *Parliament* (2nd edn. 1957); *Cabinet Government* (2nd edn. 1951); H. Street, *Governmental Liability;* J. D. B. Mitchell, *The Contracts of Public Authorities;* C. J. Hamson, *Executive Discretion and Judicial Control;* W. G. Friedmann, *Law and Social Change in Contemporary Britain* (esp. Chap. 9); D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* (4th edn.).

GOVERNMENT PUBLICATIONS: *Report* of the Committee on Ministers' Powers (Cmd. 4060, 1931–1932); *Reports* of Select Committee on Nationalised Industries; *Reports* of Select Committee on Statutory Instruments; *Report* of the Committee on Administrative Tribunals and Enquiries (Cmnd. 218, 1957).

PERIODICALS: That particularly concerned with administrative law is *Public Law*. Articles on the subject also appear in *The Modern Law Review*, *Law Quarterly Review*, and *Cambridge Law Journal*.

369. History of English Law. Professor Plucknett. Twenty-five lectures, Sessional (day only).

For LL.B. Final, Part II.

Syllabus.—The principal sources of legal history and their significance (Glanvil, Bracton, Fortescue, Blackstone, records, year books, abridgements, reports). Legal institutions (communal, seignorial, mercantile and royal courts; courts of prerogative and equity). Factors in the development of English Law (legislation, precedent, the renaissance, the influence of great judges, e.g., Coke, Nottingham, Holt, Mansfield). Procedure (forms of action, modes of trial, history of the jury). Real property (feudalism, tenures, estates, seisin, uses, trusts, future interests, conveyances). Personal property (ownership, possession, bailment, sale). Contract (real, formal and consensual contracts, consideration). Tort (relation to crime, trespass, conversion, deceit, defamation). The general history of the principles of Equity.

Recommended reading.—T. F. T. Plucknett, *Concise History of the Common Law* (5th edn.); *Legislation of Edward I; Early English Legal Literature;* C. H. S. Fifoot, *History and Sources of the Common Law*. Students will be expected to refer on special points to F. Pollock and F. W. Maitland, *History of English Law before the Time of Edward I* (2nd edn.), and to W. S. Holdsworth, *History of English Law*, as well as to contemporary works, statutes and

decisions. As a guide to these sources they should use P. H. Winfield's *Chief Sources of English Legal History*. Other books on special points will be referred to during the lectures.

370. Public International Law. Professor Johnson, Forty lectures, (day); Dr. Valentine, Twenty lectures (evening). Michaelmas and Lent Terms.

For LL.B. Final, Part II; B.Sc. (Econ.) Part I (RR)—Alternative subject of Elements of International Law and B.Sc. (Econ.) Part II (OR)—Special subjects of International Relations, Option (iv) and (v) (a) and International Economics, Option (iv) (d); Part II (RR)—*International Law*, I 3k; II 3h; XI 3b or 8b; XIII 3c; and for the Certificate in International Studies.

Syllabus.—Foundations of International Law:—Historical, Sociological and Ethical Background—Characteristics—Law-Creating Processes and Law-Determining Agencies—Fundamental Principles of International Law—Optional Principles and Standards—International Law and Municipal Law.

International Personality:—Subjects of International Law—Sovereignty and State Equality—Recognition—Representation—Continuity of International Persons.

State Jurisdiction:—Territorial Jurisdiction—Personal Jurisdiction—Other Bases of Jurisdiction—Limitations of State Jurisdiction.

Objects of International Law:—Territory—Land Frontiers—Maritime Frontiers—The High Seas—Airspace—Outer Space—Individuals—Business Enterprises—Ships—Aircraft.

International Transactions:—Treaties and other International Engagements. Responsibility for the Breach of International Obligations.

International Order and Organisation:—International Law and the Regulation of the Use of Force—The Pacific Settlement of International Disputes—The Legal Organisation of International Society.

Recommended reading.—Text-books: J. L. Brierly, *The Law of Nations* (5th edn.); G. Schwarzenberger, *A Manual of International Law* (4th edn.); J. G. Starke, *An Introduction to International Law* (4th edn.).

Case-book: L. C. Green, *International Law through the Cases* (2nd edn.).

Further Reading: L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn., with special reference to Part I; Part II, Chap. I, sections 1 and 2, and Chap. II, and Part III, Chap. I, sections 2 and 3); G. Schwarzenberger, *International Law as Applied by International Courts and Tribunals* (3rd edn.).

Periodicals: *American Journal of International Law; British Year Book of International Law; International and Comparative Law Quarterly; International Organization; Year Book of World Affairs.*

371. Introduction to International Law of the Sea. Professor Johnson. Ten lectures, Michaelmas Term.

For LL.B. Final, Part II; B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e).

Syllabus.—Introduction. History—Sources.

Delimitation of the Relevant Areas.—Internal Waters—The Territorial Sea and the Contiguous Zone—Bays—Harbour works and roadsteads—Islands and low-tide elevations—International straits—The High Seas and the Sea-Bed—The Continental Shelf.

The Principle of the Freedom of the Seas.—Freedom of navigation—Freedom of fishing—Freedom to lay submarine cables and pipelines—Freedom to fly over the high seas—Other Freedoms of the Seas—Exceptions.

Access to the Sea for States without a Sea Coast.—Transit between the Sea and a State without a Sea Coast—Use of Ports and the Territorial Sea of Neighbouring States—Right to Sail Ships on the High Seas.

The Legal Regime of Ships.—Nationality of Ships—Flags of Convenience—Warships and Government-owned ships on non-commercial service—Government-owned Merchant Ships—Privately-owned Merchant Ships—Collision, Wreck and Salvage.

Rules for Securing Safety at Sea.—Rules for the Prevention of Collisions at Sea—Assistance at Sea—Maritime Safety Conventions—International Organisations concerned with Safety at Sea.

Maritime Law in Time of War.—Prize Law and Prize Courts—Rules of Maritime Warfare—The Law of Maritime Neutrality.

Recommended reading.—Text-books: C. J. Colombos, *International Law of the Sea* (4th edn.); H. A. Smith, *The Law and Custom of the Sea* (3rd edn.).

Further Reading: T. W. Fulton, *Sovereignty of the Sea;* W. R. Kennedy, *Civil Salvage* (4th edn.); R. G. Marsden, *Collisions at Sea* (11th edn.); L. F. L. Oppenheim, *International Law* (Vol. I, 8th edn., Vol. II, 7th edn.).

Periodicals: *American Journal of International Law; British Year Book of International Law; International and Comparative Law Quarterly; Year Book of World Affairs.*

372. Introduction to Air Law. Professor Johnson and Dr. Mann. Ten lectures, Lent Term.

For LL.B. Final, Part II; and for students taking the B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, Option (v) (c), Economic History (Modern), Option (v) (f), Geography, Option (v) (f), and Accounting, Option (v) (e); and graduate students of Law.

Syllabus.—International Air Law.—History—Sources—The Chicago Convention, 1944—The International Civil Aviation Organisation—Scheduled and non-Scheduled international air services—Cabotage—The legal status of aircraft—Criminal and civil jurisdiction over aircraft—The Warsaw Convention, 1929—The Hague Protocol, 1955—The Rome Convention, 1952—The Hague Air Warfare Rules, 1923.

United Kingdom Air Law.—History—The common law in regard to private rights in airspace—The Civil Aviation Act, 1949—The Air Corporations Act, 1949—The Civil Aviation (Licensing) Act, 1960—The Carriage by Air Act, 1932—The Carriage by Air (Non-International Carriage) (United Kingdom) Order, 1952.

Air Law in the United States.—History—The Federal Aviation Act, 1958—The National Aeronautics and Space Act, 1958.

Recommended reading.—Text-books: B. Cheng, *The Law of International Air Transport;* A. D. McNair, *The Law of the Air* (2nd edn.); C. N. Shawcross and K. M. Beaumont, *Air Law* (1951 edn. with current supplement).

Further Reading: B. Cheng, "Air and Space Law" in *Current Legal Problems*, Vol. 9, and subsequent volumes; H. Drion, *Limitation of Liabilities in International Air Law;* A. J. Thomas, *Economic Regulation of Scheduled Air Transport.*

Periodicals: *Journal of Air Law and Commerce.*

373. Conflict of Laws. Professor Kahn-Freund and Dr. Mann. Thirty-five lectures, Sessional (day only).

For LL.B. Final, Part II.

Syllabus.—Part I: Fundamental conceptions. (1) The nature and theories of the conflict of laws. (2) Classification and *renvoi*. (3) Public policy. (4) Domicile and status of individuals. Part II: Choice of Law. (1) Husband and wife. Validity of marriage. Nullity. Divorce. Matrimonial jurisdiction of English courts. Recognition of foreign decrees. Mutual rights of husband and wife. (2) Parent and child. Legitimacy. Legitimation. Adoption. Guardianship. Lunacy. (3) Corporations. (4) Contracts. The proper law doctrine. Formal and essential validity, interpretation, effects and discharge of contracts. (5) Torts. (6) Property, movable and immovable, tangible and intangible. Particular assignments of property. Effect of marriage on property. (7) Succession. Validity

and construction of wills. Distribution of estates on intestacy and under wills. Administration of deceaseds' estates. Exercise by will of powers of appointment. Part III: Choice of Jurisdiction. (1) Jurisdiction of English courts. (2) Recognition and enforcement of foreign judgments. Part IV: Procedure and Proof of Foreign Law.

Recommended reading.—G. C. Cheshire, *Private International Law* (6th edn.); R. H. Graveson, *Conflict of Laws* (4th edn.); J. H. C. Morris, *Cases on Private International Law* (3rd edn.).

For Preliminary Reading: J. A. C. Thomas, *Private International Law*.

For Reference: Dicey, *Conflict of Laws* (7th edn.); J. D. Falconbridge, *Essays on the Conflict of Laws* (2nd edn.); C. M. Schmitthoff, *A Textbook of the English Conflict of Laws* (3rd edn.); M. Wolff, *Private International Law* (2nd edn.).

Periodicals: Articles on this subject appear in the *British Year Book of International Law;* the *Law Quarterly Review;* the *International and Comparative Law Quarterly;* and the *Modern Law Review*.

374. Succession, Testate and Intestate. Miss Stone. Twenty-five lectures, Sessional.

For LL.B. Final, Part II.

Syllabus.—Wills: Outline of the history of Wills and powers of testamentary disposition; nature of Wills and Codicils; capacity to make Wills; making and revocation of Wills; appointment of executors; probate (in outline only); construction of Wills.

Intestate Succession: Outline of the history of the rules of inheritance and succession on intestacy; modern rules of succession; rules as to grant of administration (in outline only).

Devolution of Property on Executors and Administrators: Powers of personal representatives. Administration of assets of solvent and insolvent estates.

[Note.—While candidates must show acquaintance with such practical matters as the making of Wills, the elements of probate practice and of the practice governing the grant of letters of administration, emphasis will be laid, in the examination, on the general principles of law governing the subject.]

Recommended reading.—Text-books: D. Hughes Parry, *The Law of Succession* (4th edn.); S. J. Bailey, *The Law of Wills* (5th edn.). For reference: E. V. Williams, *A Treatise on the Law of Executors and Administrators* (14th Edn.); H. S. Theobald, *The Law of Wills* (11th edn.).

375. Mercantile Law—Agency and Sales and Other Dispositions of Goods. Mr. Diamond and Mr. Downey. Twenty-five lectures, Sessional.

For LL.B. Final, Part II. Other students will be admitted only by permission of the lecturer.

Syllabus.—(*a*) *Agency*. The nature and creation of the principal-agent relationship and the scope of the Agent's authority. The position of the Principal and Agent *vis-à-vis* third parties; passing of property by Agents and the Factors Act, 1889. Rights and duties of Principal and Agent *inter se*. Agent's lien. Agent's commission. Termination of Agency. The Agency of married women.

(*b*) *Sales and Other Dispositions of Goods*. Nature of goods, property possession and delivery. Special rules relating to the Sale of Goods under the Sale of Goods Act, 1893. C.I.F., F.O.B., and other special forms of international sales. Gifts *inter vivos* and *donationes mortis causa*. Bills of Sale. Bailments. Hire Purchase Agreements. Pledges. Effect of Bankruptcy and Liquidation. Doctrine of relation back and reputed ownership.

Recommended reading.—(*a*) Preliminary Reading: Chapters on Agency in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract*. Main Text-books: R. Powell, *The Law of Agency;* G. H. L. Fridman, *Law of Agency;* S. J. Stoljar, *The Law of Agency*. For reference: W. Bowstead, *The Law of Agency*.

(*b*) Preliminary Reading: Chapters on Sale of Goods, Hire Purchase, Bailments and Bankruptcy in T. M. Stevens, *Elements of Mercantile Law;* and J. Charlesworth, *Principles of Mercantile Law*. Main Text-books: C. M. Schmitthoff, *The Sale of Goods; Legal Aspects of Export Sales* (Institute of Export Publication); P. S. Atiyah, *The Sale of Goods;* J. C. Vaines, *Personal Property*. For reference: M. D. E. S. Chalmers, *Sale of Goods Act;* C. M. Schmitthoff, *The Export Trade;* G. W. Paton, *Bailment in the Common Law*. Students should pay particular attention to articles appearing in the legal periodicals especially the *Law Quarterly Review* and the *Modern Law Review*, and should take care to consult the latest edition of recommended text-books.

[Note.—Candidates will be supplied in the Examination Room with Queen's Printer copies of the Sale of Goods Act, 1893, the Factors Act, 1889, the Bills of Sale Acts, 1878 and 1882, and the Hire Purchase Acts, 1938 and 1954.]

376. Industrial Law. Professor Kahn-Freund (day), Mr. Grunfeld (evening). Twenty-five lectures, Sessional.

For LL.B. Final, Part II—Optional subject of Industrial Law.

Syllabus.—The scope and sources of Industrial Law (Labour Law). The contract of employment, its formation and its effect. Freedom of contract and its restrictions. Contractual obligations of employer and employee. Express and implied terms. The importance of custom. Enforcement of the contract. The Employers and Workmen Act, 1875. Termination of the contract. Covenants in restraint of trade. The meaning of the term " servant " at common law and of the term " workman " under statutes.

The master's responsibility for the safety of his servant. Negligence and breach of statutory duty.

Collective agreements and their legal framework. The Terms and Conditions of Employment Act, 1959.

Fair Wages Clauses.

Legislation providing for minimum remuneration and for holidays with pay.

Methods to secure the proper payment of wages.

Legislation referring to employment of children, young persons, and women. Hours of work.

Health, safety, and welfare and other conditions of work in factories, shops, mines, and transport. The central and local authorities responsible for enforcement. Methods of inspection.

Combined action by workmen and employers. Freedom to organise. The legal status of trade unions at common law and under statutes. The Trade Union Acts, 1871, 1876, and 1913. The relationship between a trade union and its members. The law governing the organisation and registration of trade unions and the administration of their funds, including the political fund. The doctrine of restraint of trade and its effect on trade union law.

The legal aspect of trade disputes. Freedom of strike and lock-out. Criminal conspiracy at common law and under the Conspiracy and Protection of Property Act, 1875. Criminal liability for acts done in the course of a trade dispute, with special reference to picketing. Civil liability for strikes and lock-outs, and for acts done in the course of a trade dispute. Civil conspiracy, inducing a breach of contract, and intimidation, at common law, and under the Trade Disputes Act, 1906.

Conciliation, arbitration, and inquiry. The Conciliation Act, 1896, and the Industrial Courts Act, 1919. Voluntary and statutory machinery. Whitley Councils. The Industrial Court. The powers and functions of the Minister of Labour in relation to trade disputes.

The influence of the International Labour Office on the development of British Labour Law.

Comparison with certain aspects of Labour Law in the United States, in Australia, and on the Continent of Europe.

History of Social Insurance Legislation in Britain. The break-up of the Poor Law. The Beveridge Report and its underlying " assumptions ". Survey of legislation designed to secure " freedom from want ": the National Insurance Acts, the National Insurance (Industrial Injuries) Acts, the Family Allowances Acts, the National Assistance Act. Supplementary legislation: the Disabled Persons (Employment) Acts, and the Employment and

Training Act. The separation of the health services from the insurance scheme: the National Health Service Acts.

The Ministry of National Insurance. Benefits as of right and discretionary benefits. Classification of insured persons. Benefits under the National Insurance Acts, with special emphasis on unemployment benefit, its direction, and conditions of qualification and disqualification. Industrial injury benefit, industrial disablement benefit, and industrial death benefit. Industrial accidents and industrial diseases. " Alternative Remedies."

Enforcement of Claims.

Recommended reading.—See the bibliography of Course No. 387. Law students should particularly use the following works: W. Mansfield Cooper, *Outlines of Industrial Law;* F. Tillyard, *The Worker and the State;* F. R. Batt, *The Law of Master and Servant;* U.K. Ministry of Labour, 1961, *Industrial Relations Handbook;* A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain;* J. H. Munkman, *Employers' Liability at Common Law;* A. Redgrave, *Factories, Truck and Shop Acts;* N. Citrine, *Trade Union Law;* D. Lloyd, *Law Relating to Unincorporated Associations;* Lord Beveridge, *Social Insurance and Allied Services;* D. C. L. Potter and D. H. Stansfield, *National Insurance;* D. C. L. Potter and D. H. Stansfield, *The National Insurance (Industrial Injuries) Act,* 1946; H. Vester and H. A. Cartwright, *Industrial Injuries,* Vols. I and II; I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain;* M. and D. J. Turner-Samuels, *Industrial Negotiation and Arbitration;* C. Grunfeld, *Trade Unions and the Individual in English Law* (Institute of Personnel Management); G. W. Guillebaud, *The Wages Councils System in Great Britain;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* O. Kahn-Freund, " Labour Law " in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century.*

Students should always use the latest editions of the above books.

377. Law of Domestic Relations. Professor Kahn-Freund and Mrs. Aikin, Mr. Davies and Dr. James (K.C.). Two hours weekly in the Michaelmas Term and the first half of the Lent Term and one hour weekly for the remainder of the session for day students, one-and-a-half hours weekly for evening students, Sessional. Lectures will be given at King's College in the Michaelmas Term and, for evening students, in the first two weeks of the Lent Term and at the School for the remainder of the session.

For LL.B. Final, Part II.

Syllabus.—(*a*) Marriage. Requirements of a valid marriage. Form of marriage (in outline only). Capacity and consent of parties and third persons; consanguinity and affinity. Grounds for nullity. The distinction between void and voidable marriages.

Grounds for divorce. Defences, including absolute and discretionary bars. Grounds for judicial separation; separation by agreement.

Married women's property; the obligations of husband and wife *inter se* during marriage; liability in contract and tort; maintenance and consortium. Liabilities to third parties.

(*b*) Parent and Child. The relation of parent and child, including legitimacy, illegitimacy, legitimation and adoption. Custody and Guardianship; the rights and obligations of parents at common law, in equity and by statute. The intervention of courts and of local authorities under the Children and Young Persons Acts and the Children Acts.

Recommended reading.—Preliminary Reading: F. Pollock and F. W. Maitland, *History of English Law before the time of Edward I,* Vol. II, Chaps. 6 and 7; A V. Dicey, *Lectures on the relation between Law and Public Opinion in England during the Nineteenth Century,* Chap. 11; *Report of the Royal Commission on Marriage and Divorce* (The Morton Commission), 1956, Cmd. 9678.

Text-Books: J. Jackson, *The Law relating to the formation and annulment of marriage;* P. M. Bromley, *Family Law;* D. Tolstoy, *Law and Practice of Divorce and Matrimonial Causes* (4th edn.) excluding the chapters on practice; W. Clarke Hall and A. C. L. Morrison, *Law relating to Children and Young Persons* (6th edn.).

Reference Books: W. Latey, *Law of Divorce* (14th edn.); W. Rayden, *Practice and Law in the Divorce Division of the High Court of Justice and on Appeal therefrom* (6th edn.); S. G. Lushington, *Summary Jurisdiction (Separation and Maintenance) Acts* (3rd edn.); R. H. Graveson and F. R. Crane (Eds.), *A Century of Family Law; Report of the Committee on the Care of Children* (The Curtis Committee), Cmd. 6922.

378. Introduction to Comparative Law. Professor Kahn-Freund. Ten lectures, Michaelmas Term.

For LL.B. Final, Part II; and for graduate law students. Others will only be admitted by permission of Professor Kahn-Freund.

Syllabus.—A discussion of some of the problems arising from the comparison of " common law " and of " civil law " systems. Although there will be occasional references to other legal systems the course will be mainly concerned with English, American, French and German law. It will include the following topics: The purpose and method of studying " comparative law ". Sources of international misunderstandings between lawyers. Meaning of the antithesis of " common " and " civil " law. Significance of Roman law. Codified law versus case law. Systematic versus casuistic thinking. University made law versus " guild law ". The contrast of public and private law and its fundamental importance. " Separation of powers " and " *séparation des pouvoirs* ". The role of the courts in law making. Statutory interpretation. Principle of precedent. Constitutional review. " General clauses " and Equity. " Freedom of contract " versus protection of workers and consumers. Influence of technical development on delictual liability. Publicity of property transactions. The meaning of " commercial law ".

Recommended reading.—H. C. Gutteridge, *Comparative Law* (2nd edn.); R. B. Schlesinger, *Comparative Law, Cases and Materials* (2nd edn.); R. C. K. Ensor, *Courts and Judges in France, Germany and England;* R. David, *Traité Elémentaire 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 Judical Control: an Aspect of the French Conseil d'Etat;* F. H. Lawson, *A Common Lawyer looks at the Civil Law;* F. W. Maitland, " Trust and Corporation " and " The Corporation Sole " in *Selected Essays;* A. T. Von Mehren, *The Civil Law System, Cases and Materials.*

For Reference: P. Arminjon, B. Nolde and M. Wolff, *Traité de Droit Comparé* (3 vols.); W. W. Buckland and A. D. McNair, *Roman Law and Common Law* (2nd edn.); S. Galeotti, *The Judicial Control of Public Authorities in England and in Italy;* F. H. Lawson, *Negligence in the Civil Law;* D. Lloyd, *Public Policy;* M. Rheinstein (Ed.), *Max Weber on Law in Economy and Society;* J. D. B. Mitchell, *The Contracts of Public Authorities;* K. Renner, *The Institutions of Private Law and their Social Functions;* B. Schwartz (Ed.), *The Code Napoleon and the Common-law World;* M. A. Sieghart, *Government by Decree;* H. Street, *Government Liability, A Comparative Study;* C. Szladits, *Guide to Foreign Legal Materials (French, German, Swiss).*

Students should consult the *International and Comparative Law Quarterly* and the *American Journal of Comparative Law.*

379. Introduction to the Law of Industrial and Intellectual Property. Mr. Blanco White. Twenty lectures, followed by discussion classes, Michaelmas and Lent Terms.

For LL.B. Part II; and for graduate law students. Others will only be admitted by permission of Mr. Blanco White.

Syllabus.—The English patent system: its legal basis, practical working and economic significance. The protection, in English law, of trade marks and business goodwill. The English copyright system. The protection of industrial designs in English law. The interrelations of these various systems and their international implications.

Recommended reading.—Preliminary Reading: The first chapter of each of the reference books. For those with no previous knowledge of any of the systems concerned,

the relevant sections of, T. A. Blanco White, *Patents, Trade Marks, Copyright*, are recommended.

REFERENCE BOOKS: *Kerly on Trade Marks* (8th edn.); *Copinger & Skone James on Copyright* (9th edn.); *Blanco White on Patents* (3rd edn.); *Terrell & Shelley on Patents* (10th edn.); *Russell-Clarke on Designs* (3rd edn.); relevant sections of *Halsbury's Laws of England* (3rd Edn.).

380. English Legal Institutions. Professor Wheatcroft and Mr. Diamond. Twenty lectures, Michaelmas Term (day only).

For B.Sc. (Econ.), Part I (RR). Alternative subject 5.

Syllabus.—The nature and origins of law. Historical outline of English Law and the development of Common Law and Equity. Sources of law; case law and the theory of binding precedent; legislation and statutory interpretation; custom. The organisation of the courts, and their jurisdiction. Administrative Tribunals. Arbitration. The personnel of the law, including judges, magistrates, juries, barristers and solicitors. An outline of procedure and evidence. Legal aid and advice. The branches of law and their main characteristics; constitutional and administrative law; criminal law; contract; tort; property; family law; mercantile law. Legal persons, natural and artificial. Codification. Law reform.

Recommended reading.—G. L. Williams, *Learning the Law;* P. Archer, *The Queen's Courts;* W. M. Geldart, *Elements of English Law.*

TEXT-BOOKS: R. M. Jackson, *The Machinery of Justice in England;* O. Hood Phillips, *A First Book of English Law;* P. S. James, *An Introduction to English Law.*

FURTHER READING: R. Rubinstein, *John Citizen and the Law;* A. T. Denning, *Freedom under the Law; The Changing Law; The Road to Justice;* P. Devlin, *The Criminal Prosecution in England; Trial by Jury;* G. L. Williams, *The Proof of Guilt;* F. T. Giles, *The Criminal Law; The Magistrates' Courts; Children and the Law.*

Students should consult the latest editions of these books.

381. The Common Law: With special reference to Commercial and Labour Relations. Mr. Grunfeld. Twenty lectures, Sessional.

Law of Contract; first fourteen weeks.
Law of Tort, last six weeks.

For B.Sc. (Econ.) Part II (RR)—*Elements of Commercial Law*, I 3i; II 3f; III 7, IV 6 (Law of Contract lectures **only**); *Labour, including Law of Labour and Social Insurance*, III 6a (**whole course**), and for Diploma in Personnel Management (**whole course**).

Syllabus.—LAW OF CONTRACT: Formation of contracts. Offer and acceptance, consideration. Terms of contract; conditions and warantees, implied terms, exclusion clauses. Mistake, misrepresentations, undue influence and illegality. Assignment and negotiability. Discharge; agreement (including notice), frustration, performance and breach. Remedies.

LAW OF TORT: Capacity. Negligence: dangerous things, *res ipsa loquitur*. General defences: contributory negligence, *volenti non fit injuria*, act of God, inevitable accident, remoteness of consequences. Remedies: damages, injunction, specific restitution. Breach of statutory duty. Deceit: negligent mis-statements. Conversion. Detinue. Character references and qualified privilege. Business competition and industrial relations: conspiracy, inducing or procuring breach of contract, slander of goods and title, passing-off, infringement of patents, trade-marks and copyrights. Business and industrial premises: liability under Occupiers' Liability Act, 1957, trespassers, law of nuisance, and rule in *Rylands* v. *Fletcher*. Master and Servant: control concept, common law and statutory duties of employer, common law and statutory remedies of employees, vicarious liability of employer (including the Crown, trade unions, commercial companies and public corporations).

Recommended reading.—LAW OF CONTRACT: (i) General: relevant chapters in J. Charlesworth, *Principles of Mercantile Law;* or T. M. Stevens, *Elements of Mercantile Law;* and in A. S. Diamond, *The Law of Master and Servant;* or F. R. Batt, *The Law of Master and Servant.* For reference: G. C. Cheshire and C. H. S. Fifoot, *Law of Contract;* or R. Sutton and N. P. Shannon, *Contracts;* or W. R. Anson, *Principles of the English Law of Contract;* or J. F. Wilson, *Principles of the Law of Contract.* (ii) Bailment and Lien: relevant pages in J. Charlesworth, *Principles of Mercantile Law;* and T. M. Stevens, *Elements of Mercantile Law.* (iii) Contract of apprenticeship: Chap. IV in Mansfield Cooper, *Outlines of Industrial Law.*

LAW OF TORT: (i) General: relevant chapters in P. S. James, *General Principles of the Law of Torts.* For fuller explanations: P. H. Winfield, *A Text-Book of the Law of Tort ;* or J. W. Salmond, *The Law of Torts ;* or H. Street, *The Law of Torts.* (ii) Business Competition: for reference: D. K. Dix, *The Law Relating to Competitive Trading.* (iii) Patents, trade-marks, copyrights: relevant chapters in J. Charlesworth, *Principles of Mercantile Law;* or T. M. Stevens, *Elements of Mercantile Law.* (iv) Master and Servant: relevant chapters in J. H. Munkman, *Employer's Liability at Common Law.*

Students should always use the latest editions of the above books.

382. Elements of Commercial Law. Mr. Diamond and Mr. Downey. Twenty lectures, Michaelmas and Lent Terms.

Classes for discussion will be held at times to be arranged.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International Economics, Option (v) (b), Industry and Trade, and Accounting.

Syllabus.—INTRODUCTION. History of the Law Merchant.

THE LAW OF AGENCY.—The creation of the principal-agent relationship and the scope of the Agent's authority. The position of the Principal and the Agent *vis-à-vis* third parties in connection with Contracts and Torts. Passing of property by Agents and the Factors Act, 1889. Rights and duties of the Principal and Agent *inter se*. Agents' commission. Termination of Agency. The Agency of Married Women.

PARTNERSHIP AND COMPANY LAW.—The nature and advantages of corporate personality and the distinction between companies incorporated under the Companies Act, and other commercial associations, incorporated and unincorporated. The nature of Partnership. The formation of partnership and the rights and duties of partners towards third parties and *inter se*. The firm name and property. Termination and dissolution and rights to property, especially goodwill. Limited Partnerships. Formation of Companies under the Companies Act, 1948. Types of Companies. The nature and contents of the Memorandum and Articles of Association. Flotation of Companies, promoters and prospectuses. Capital. Shares and dividends. Meetings and Resolutions. Directors and other officers. Annual Return, Accounts and Audit. Debentures; and (in outline only) Reconstruction and Amalgamation, Inspection, and winding up.

SALE OF GOODS.—The special rules relating to Sale of Goods under the Sale of Goods Act, 1893. C.I.F., F.O.B., and other special forms of international sales and provision of finance by Banker's Commercial Credits. Hire Purchase Agreements.

Cheques and Bills of Exchange, Carriage by Sea and Land and General Principles of Insurance Law with particular reference to Marine Insurance. The objects of the Law of Bankruptcy and the effect of Bankruptcy on Proprietary and Contractual Rights. [Candidates will only be expected to display an elementary knowledge of this paragraph to the extent necessary for proper understanding of the main subjects previously mentioned (especially Sale of Goods).]

An elementary knowledge of the English Legal System and of the Law of Contract and Tort will be presumed and candidates should not select this subject unless they have taken Elements of English Law (Parts A and C) in Part I.

[Note.—Candidates will be supplied in the Examination Room with Queen's Printer copies of the Partnership Act, 1890, the Companies Act, 1948, and the Sale of Goods Act, 1893.]

Recommended reading.—General Reading: T. M. Stevens, *Elements of Mercantile Law;* J. Charlesworth, *Principles of Mercantile Law;* R. S. T. Chorley and H. A. Tucker, *Leading Cases on Mercantile Law;* or J. Charlesworth, *Cases on Mercantile Law.*

Special Topics.—Agency: G. H. L. Fridman, *Law of Agency* (1960).

Partnership and Company Law: A. Underhill, *Principles of the Law of Partnership*; Sir F. Pollock; *A digest of the Law of Partnership;* J. A. Hornby, *An Introduction to Company Law;* L. C. B. Gower, *Principles of Modern Company Law;* R. R. Pennington, *Partnership and Company Law.*

Sale of Goods: C. M. Schmitthoff, *The Sale of Goods; Legal Aspects of Export Sales* (Institute of Export publication); P. S. Atiyah, *The Sale of Goods.*

For Reference: R. Powell, *Law of Agency;* B. Jacobs, *A Short Treatise on the Law of Bills of Exchange;* O. Kahn-Freund, *Law of Carriage by Inland Transport;* R. S. T. Chorley and O. C. Giles, *Shipping Law;* C. M. Schmitthoff, *The Export Trade;* M. D. E. S. Chalmers, *Sale of Goods Act;* R. R. Pennington, *Principles of Company Law.*

Students should consult the latest editions of these books.

383. Elements of Commercial Law. Mr. Diamond and Mr. Downey. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Elements of Commercial Law*, I 3i; II 3f; III 7; IV 6.

Syllabus and **recommended reading** the same as for Course No. 382.

384. The Law of Income Tax. Professor Wheatcroft. Ten lectures in two sessions; six lectures in Summer Term, 1963 and four lectures in session 1963–64.

For B.Sc. (Econ.) Part II (RR)—*Elements of Commercial Law*, IV 6; and optional for I 3i; II 3f.

Syllabus.—General outline of Income Tax, Surtax, and Profits Tax; the basis of taxation of individuals and of companies; the Five Schedules and their effect with particular reference to Cases I and II of Schedule D and Schedule E.

Recommended reading.—A. R. Prest, *Public Finance;* H. A. R. J. Wilson and K. S. Carmichael, *Income Tax Principles*, or C. N. Beattie, *The Elements of Income Tax.*

For Reference: Spicer and Pegler, *Income Tax and Profits Tax;* Current Law Income Tax Statutes (CLITAS).

385. The Law of Banking. Classes will be held by Lord Chorley for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of Money and Banking, Option (v) (c); Part II (RR)—*Banking Law* I 3j; II 3g.

386. Problems in Taxation (Seminar). Professor Wheatcroft will conduct a graduate evening seminar fortnightly throughout the Michaelmas and Lent Terms. Admission by permission of Professor Wheatcroft.

The seminar will discuss the legal, accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

387. Law of Labour and of Social Insurance. Professor Kahn-Freund. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Industry and Trade; Part II (RR)—*Labour, including Law of Labour and Social Insurance*, III 6a; and for Diploma in Personnel Management. Optional for Diploma in Social Administration (Second Year).

Syllabus.—The significance of law in the shaping of labour relations.

The legal framework of labour relations, and the sources of mutual rights and obligations between employers and employees: the contract of employment, custom, the common law, statutes, and statutory instruments.

Collective bargaining and the law. Collective agreements, their legal effect and enforcement, with special reference to fair wages clauses and to the duty to observe recognised terms and conditions.

Statutory regulation of minimum remuneration and of holidays with pay, of wage payments and deductions, and of hours of work.

Protective legislation concerning health, safety, and welfare, employment of children, young persons, and women, and enforcement of this legislation.

Freedom to organise, and its protection. Legal status of trade unions. Relation between a union and its members. Union registration. Law governing trade union funds, including the political fund.

Trade disputes, strikes, lock-outs. Freedom to strike and to lock out and its limitations. Criminal and civil liabilities arising from labour stoppages and from acts done in their course.

Prevention of stoppages: conciliation, arbitration and inquiry. Powers and functions of the Ministry of Labour in relation to trade disputes.

History and survey of legislation designed to secure "freedom from want", with special reference to social insurance. The Ministry of National Insurance. Difference between benefits of right and discretionary benefits. Contributions and contribution conditions. Classification of insured persons. Unemployment, sickness, maternity, widow's benefits, retirement pension, death grant. Industrial injury, disablement, and death benefits, and their relation to the employer's liability for damages. The family concept in social security legislation. Enforcement of insurance claims. The residuary assistance service.

Comparative references to foreign legal systems will be included, wherever possible.

Recommended reading.—W. Mansfield Cooper, *Outlines of Industrial Law;* F. Tillyard, *The Worker and the State;* U.K. Ministry of Labour, *Industrial Relations Handbook* (1961); A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain;* F. R. Batt, *The Law of Master and Servant;* H. Samuels, *The Law of Trade Unions;* W. Milne-Bailey, *Trade Unions and the State;* W. Milne-Bailey (Ed.), *Trade Union Documents;* W. W. Mackenzie, Baron Amulree, *Industrial Arbitration in Great Britain;* I. G. Sharp, *Industrial Conciliation and Arbitration in Great Britain;* M. and D. J. Turner-Samuels, *Industrial Negotiation and Arbitration;* J. Gazdar, *National Insurance;* H. Samuels and R. S. W. Pollard, *Industrial Injuries;* D. C. L. Potter and D. H. Stansfield, *National Insurance* (Introduction); D. C. L. Potter and D. H. Stansfield, *The National Insurance (Industrial Injuries) Act* (Introduction); W. A. Robson (Ed.), *Social Security* (3rd edn.); A. L. Goodhart, "The Legality of the General Strike" (in: *Essays in Jurisprudence and the Common Law*); O. Kahn-Freund, "The Illegality of a Trade Union" (*Modern Law Review*, Vol. 7); "Legislation through Adjudication" (*Modern Law Review*, Vol. 11); "Minimum Wage Legislation in Great Britain" (*University of Pennsylvania Law Review*, May, 1949); D. Lloyd, "Actions Instituted by and against Unincorporated Bodies" (*Modern Law Review*, Vol. 12); "The Disciplinary Powers of Professional Bodies" (*Modern Law Review*, Vol. 13); C. Grunfeld, "Trade Unions and the Individual", Fabian Research Pamphlet No. 193; L. W. Guillebaud, *The Wages Councils System in Great Britain;* E. H. Phelps Brown, *The Growth of British Industrial Relations;* O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century.*

For Reference: A. S. Diamond, *The Law of Master and Servant;* J. H. Munkman, *Employers' Liability at Common Law;* H. Samuels, *Factory Law;* J. L. Gayler, *Industrial Law;* H. Vester and A. H. Gardner, *Trade Union Law and Practice;* A. Redgrave, *Factories, Truck and Shop Acts;* H. L. Hutchins and A. Harrison, *A History of Factory Legislation;* T. K. Djang, *Factory Inspection in Great Britain;* W. A. Robson, "The Factories Act" (*Encyclopedia of the Laws of England*, 3rd edn.); D. Sells, *British Wages Boards;* S. and B. Webb, *History of Trade Unionism;* R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism;* N. Citrine, *Trade Union Law* (2nd edn.); G. D. H. Cole, *An Introduction to Trade Unionism;* A. L. Haslam,

The Law Relating to Trade Combinations; D. K. Dix, *The Law Relating to Competitive Trading;* D. Lloyd, *The Law Relating to Unincorporated Associations;* M. T. Rankin, *Arbitration Principles and the Industrial Court;* F. Tillyard, *Unemployment Insurance in Great Britain*, 1911–1948; R. W. Harris, *National Health Insurance*, 1911–1946; *Ministry of Labour and National Service Reports; Annual Reports of the Chief Inspector of Factories;* Lord Beveridge, *Social Insurance and Allied Services*, Cmd. 6404; *Social Insurance*, Cmd. 6550–6551.

Students should always use the latest editions of the above works.

388. Comparative Law of Competition and Monopoly. Professor Stevens will hold a series of lectures or seminars throughout the Session.

For LL.B. Part I and Part II; B.Sc. (Econ.) Part II (OR)—Special Subjects of Economics, International Economics, Industry and Trade and Accounting; Part II (RR)—I; II; III and IV. For graduate students in Law and Economics.

Syllabus and **recommended reading** will be given at the beginning of the course.

389. Constitutional and Administrative Law. Professor de Smith. Professor Griffith and Mr. Park Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II (RR)—*Constitutional and Administrative Law*, I 3h; II3 e; VII 3b; and Academic Diploma in Public Administration.

Syllabus.—The nature of constitutional law. Sources and characteristics of British constitutional law. Parliamentary sovereignty. Constitutional conventions. The rule of law.

Parliament, its position, functions and powers. Parliamentary privilege and procedure. Control over national finance.

The monarchy. The royal prerogative. The Privy Council and the Cabinet. Ministerial responsibility. The civil service.

The constitutional position of the judges.

The nature of administrative law. The legislative, executive and judicial powers of the Administration. Delegated legislation. Administrative adjudication. Judicial and other controls over the powers of the Administration. The principles of Crown liability.

The structure and financing of local government. The liability of local authorities.

The nature and constitution of public corporations. Relations with Ministers and Parliament. Powers, duties, liabilities and privileges. Consumer bodies.

The liberties of the subject. Emergency powers. Military and martial law.

The Commonwealth. Status of colonies, protectorates, trust territories and independent members of the Commonwealth. Relations of Commonwealth countries with the Crown and the United Kingdom. Allegiance and citizenship in the Commonwealth. The Judicial Committee of the Privy Council.

Recommended reading.—Text-books: O. Hood Phillips, *Constitutional Law o Great Britain and the Commonwealth*, or E. C. S. Wade and G. G. Phillips, *Constitutional Law;* J. A. G. Griffith and H. Street, *Principles of Administrative Law;* W. I. Jennings, *The Law and the Constitution;* W. I. Jennings, *Principles of Local Government Law;* D. L. Keir and F. H. Lawson, *Cases in Constitutional Law* or O. Hood Phillips, *Leading Cases in Constitutional Law*.

Further Reading and Reference: A. V. Dicey, *Introduction to the Study of the Law of the Constitution;* W. I. Jennings, *Cabinet Government;* H. W. R. Wade, *Administrative Law;* W. I. Jennings, *Parliament;* W. I. Jennings, *Constitutional Laws of Commonwealth*, Vol. I (Chaps. 1–3); W. A. Robson, *Justice and Administrative Law;* S. A. de Smith, *Judicial Review of Administrative Action;* S. A. de Smith, *The Vocabulary of Commonwealth Relations;* C. K. Allen, *Law and Orders;* C. K. Allen, *Administrative Jurisdiction;* C. T. Carr, *Concerning English Administrative Law;* G. Marshall and G. C. Moodie, *Some Problems of the Constitution;* G. L. Williams, *Crown Proceedings;* H. Street, *Governmental Liability;* W. O. Hart, *Introduction to the Law of Local Government and Administration;* C. J. Hamson, *Executive Discretion and Judicial Control;* 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.

390. Soviet Law. Dr. Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government, Option (iii) (d); also for graduate students of Law and others interested.

Syllabus.—Soviet interpretations of the Marxist doctrine of State and Law. Unity of the legal system and the position of Public International Law. Fundamental Notions of Civil Law. Family Law. Inheritance. Criminal Law. "Socialist" Legality. Organs of the Judiciary.

Recommended reading.—Text-books: V. Gsovski and K. Grzybovski, *Government, Law and Courts in the Soviet Union and Eastern Europe*, Parts II–V; J. N. Hazard, *Law and Social Change in the U.S.S.R.; Settling Disputes in Soviet Society;* I. Lapenna, *Conceptions Sovietiques de Droit International Public;* Z. Szirmai (Ed.), *Law in Eastern Europe*, Nos. 1–3.

Case Book: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet Law*.

Further Reading: A. S. Fedoseyev, *Osnovy Sovetskogo Gosudarstva i Prava;* O. S. Ioffe (Ed.), *Sorok Let Sovetskogo Prava* 1917–1957, Vol. 1; L. I. Mandel'shtam (Ed.), *Sbornik Zakonov S.S.S.R. i Ukazov Prezidiuma Verkhovnogo Soveta S.S.S.R.* 1938–1958; M. D. Shargorodsky (Ed.), *Sorok Let Sovetskogo Prava* 1917–1957, Vol. II.

Students should consult the latest editions of these books.

In addition to classes referred to in connection with particular lecture courses the following classes will be held for students of the School only:—

	Subject	Degrees for which classes are intended
395.	**Legal System**	LL.B. Intermediate
396.	**English Constitutional Law**	LL.B. Intermediate
397.	**Law of Contract**	LL.B. Intermediate
398.	**Criminal Law**	LL.B. Final
399.	**Law of Tort**	LL.B. Final
400.	**Law of Trusts**	LL.B. Final
401.	**Jurisprudence**	LL.B. Final
402.	**Land Law**	LL.B. Final
403.	**Law of Evidence**	LL.B. Final
404.	**Administrative Law**	LL.B. Final and B.Sc. (Econ.) Part II (OR)
405.	**Public International Law**	LL.B. Final and B.Sc. (Econ.) Part I (RR); Part II (OR) and (RR)
406.	**Conflict of Laws**	LL.B. Final

	Subject	Degrees for which classes are intended
407.	**Succession**	LL.B. Final
408.	**Mercantile Law**	LL.B. Final
409.	**Industrial Law**	LL.B. Final
410.	**Law of Domestic Relations**	LL.B. Final
411.	**Elements of English Law**	B.Sc. (Econ.) Part I (OR) (evening)
412.	**English Legal Institutions**	B.Sc. (Econ.) Part I (RR)
413.	**Elements of Commercial Law**	B.Sc. (Econ.) Part II (OR)
414.	**Law of Labour and of Social Insurance**	B.Sc. (Econ.) Part II (OR) and (RR)

LECTURE COURSES FOR THE LL.B. DEGREE HELD AT THE OTHER COLLEGES PARTICIPATING IN THE TEACHING OF LAW

K.C.—King's College D—Day
U.C.—University College E—Evening
S.O.A.S.—School of Oriental and African Studies

(b) Final Course

	Subject	Lecturer	College	Day or Evening
415.	**English Law—Trusts**	Professor Keeton	U.C.	D.
		Mr. Scamell	U.C.	E.
416.	**Hindu Law**	Dr. Derrett	S.O.A.S.	D.
417.	**Muhammadan Law**	Mr. Coulson	S.O.A.S.	D.
418.	**Indian Criminal Law**	Professor Gledhill	S.O.A.S.	D.
419.	**Conveyancing**	Dr. James Mr. Farrand	K.C.	D. and E.
420.	**Roman Law**	Professor Powell	U.C.	D.
421.	**Law of Evidence**	Professor Nokes	K.C.	D.
		Mr. Morrison	K.C.	E.
422.	**Conflict of Laws**	Mr. Bland	K.C.	E.

INTERCOLLEGIATE SEMINARS FOR THE LL.M. DEGREE

	Subject	Lecturer
430.	**Jurisprudence and Legal Theory**	Professor Lloyd, Professor Graveson.
431.	**Company Law**	Mr. W. Pollak.
432.	**Constitutional Laws of the Commonwealth, I** (Canada and Australia) (India and Pakistan)	 Professor de Smith, Professor Gledhill.
433.	**International Economic Law**	Dr. Schwarzenberger,
434.	**Law of International Institutions**	Professor Johnson, Dr. Valentine.
435.	**Law of European Institutions** (Lent Term only)	Dr. Schwarzenberger, Dr. Valentine.
436.	**Legal History**	Professor Plucknett.
437.	**Mercantile Law**	Lord Chorley.
438.	**Comparative Law of Contract in Roman and English Law**	Professor Powell, Mr. Morrison.
439.	**Comparative Conflict of Laws**	Professor Graveson, Professor Kahn-Freund
440.	**Muhammadan Law**	Professor Anderson, Mr. Coulson.
441.	**Hindu Law**	Dr. Derrett.
442.	**Law of Landlord and Tenant**	Professor Crane.
443.	**Planning Law**	Mr. Scamell.
444.	**Criminology**	Mr. Hall Williams, Dr. James.
445.	**Air Law**	Dr. Cheng, Mr. Forrest, Professor Johnson.
446.	**International Law of the Sea**	Mr. Brown, Professor Johnson, Dr. Schwarzenberger.
447.	**International Law of War and Neutrality**	Colonel Draper.
448.	**Law of Taxation**	Professor Wheatcroft.

Subject	Lecturer
449. **Constitutional Laws of the Commonwealth, II**	Professor de Smith, Miss Stone, Mr. Holland.
450. **African Law**	Dr. Allott.
451. **Law of Mortgages and Charities**	Professor Keeton, Professor Ryder.
452. **Illegality and Restitution**	Mr. Diamond, Mr. Goff.
453. **History of International Law**	Dr. Schwarzenberger, Mr. Parkinson.
454. **Comparative Criminal Law and Procedure**	Mr. Hall Williams, Mr. Davies, Mr. Prevezer.
455. **Principles of Civil Litigation**	Professor Wheatcroft, Master Jacob.

INTERCOLLEGIATE SEMINAR FOR THE ACADEMIC POSTGRADUATE DIPLOMA IN LAW

456. **English Legal Method.** A seminar in English Legal Method will be held by Mr. Wellwood at King's College in the Michaelmas Term, by Professor Griffith and others at the School in the Lent Term, and by Mr. Holland at University College in the Summer Term.

Reference should also be made to the following courses:—

No. 526.—**Public International Law (Class).**
No. 847.—**Criminology.**
No. 850.—**Selected Problems of Criminology and Penology.**
No. 851.—**The Causes and Treatment of Crime (Seminar).**

MODERN LANGUAGES

MODERN LANGUAGES STUDIES

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193, in Part II of the Calendar.

The Modern Language Studies Department provides courses in the following languages and civilisations. French, German, Italian, Russian and Spanish. In specially approved cases inter-collegiate tuition may be arranged for other languages and civilisations.

B.Sc. (Econ.): Old Regulations

Students studying for Part II under the Old Regulations should see Mrs. Scott-James in the first week of the session for advice concerning the courses they should attend.

B.Sc. (Econ.): Revised Regulations

LANGUAGE OPTION IN PART I OR SUPPLEMENTARY OPTION.

For first year students who have chosen an Approved Foreign Language (alternative subject No. 11) for B.Sc. (Econ.) Part I (RR).

All students taking this option must register with the Secretary of the Modern Languages Studies Department as early as possible in the first week of the session.

Part I

460. (a) **French I,** (b) **German I,** (c) **Italian I,** (d) **Russian I,** (e **Spanish I.**

(1) **Composition and Essay.**

(2) **Reading of Texts and Translation**

(3) **Oral Discussion** based upon selected texts serving as an introduction to modern European thought.

(4) **Foreign Studies Lecture** (Course No. 461). This course is for all first year language students irrespective of the language alternative selected.

461. Foreign literatures and outlooks before the Second World War and their relevance today.

Various Lecturers. Nine lectures, Michaelmas Term (beginning in the second week of term). Open to all students.

Syllabus.—Significant European writers and their contribution to present-day trends of opinion. The aim of these lectures, which will be given in English by members of the various language sections, is to introduce language students to the part played separately or jointly by the different European literatures in relation to major European problems.

Recommended Books for Part I

FRENCH:

M. Blanc:	*Visages de la France contemporaine.*
M. Blancpain et P. Clarac:	*La France d'aujourd'hui.*
C. Seignobos:	*Histoire Sincère de la Nation Française.*
A. Cobban:	*History of Modern France* (2 vols.).
D. W. Brogan:	*The French Nation: From Napoleon to Pétain.*
P. H. Simon:	*Histoire de la littérature française contemporaine.*
M. Girard:	*Guide illustré de la littérature française moderne.*

GERMAN:

J. Bithell (Ed.):	*Germany; a Companion to German Studies.*
A. J. P. Taylor:	*The Course of German History.*
H. Mau and H. Krausnick:	*Deutsche Geschichte der Jüngsten Vergangenheit.*
J. Bithell:	*Modern German Literature*, 1880–1950.
R. Pascal:	*The German Novel.*

ITALIAN:

C. J. S. Sprigge:	*The Development of Modern Italy.*
D. Mack Smith:	*Italy, A Modern History.*
N. Machiavelli:	*The Prince.*
M. Grindrod:	*The Rebuilding of Italy.*
L. Sturzo:	*Italy and the New World Order.*
L. D. Einstein:	*The Italian Renaissance in England.*
D. S. Walker:	*A Geography of Italy.*

RUSSIAN:

M. N. Pokrovski:	*History of Russia.*
V. O. Kliuchevski:	*A History of Russia.*
D. S. Mirski:	*A History of Russian Literature.*
M. Baring:	*Landmarks in Russian Literature.*
Y. Lavrin:	*From Pushkin to Mayakovski: A Study in the Evaluation of a Literature.*

SPANISH:

E. A. Peers:	*Spain: A Companion to Spanish Studies.*
N. B. Adams:	*The Heritage of Spain.*
H. V. Livermore:	*A History of Spain.*
R. T. Davies:	*The Golden Century of Spain*, 1501–1621.
R. A. Humphreys:	*The Evolution of Modern Latin America.*
W. C. Gordon:	*The Economy of Latin America.*

Part II.

LANGUAGE OPTION IN PART II

For B.Sc. (Econ.) Part II (RR)—An Approved Modern Foreign Language, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i(iii); and XIII 3d.

Second year students selecting this option must register with Mrs. Scott-James preferably at the end of their first year or in any case during the **first** week of the Michaelmas Term of their second session at the School.

Students who, having already taken a language in Part I, wish to offer the same language in Part II should consult Mrs. Scott-James with regard to the optional distribution of their course over their second and third years.

462. (a) **French II,** (b) **German II,** (c) **Italian II,** (d) **Russian II,** (e) **Spanish II.**

Various Lecturers. The following courses will be given weekly throughout the session.

(1) **Composition and Essay.**
(2) **Reading of Texts and Translation.**
(3) **Oral Discussion** relating the topics of the foreign studies course to the students' specialised interests.

In addition foreign studies lecture or class in accordance with the language selected. Syllabus and recommended reading are given under courses numbers 463, 464, 465, 466, 467 and 468.

(a) FRENCH.

463. Social and Political Themes in French Literature. Various Lecturers. Lectures will be held weekly throughout the session.

For B.Sc. (Econ.) Part II (RR)—*An Approved Modern Foreign Language (French)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i(iii); and XIII 3d.

Syllabus.—The dual role of literature as a reflection and a factor of French public opinion on social and political questions. 1962–63: 1830–1914. 1963–64: French writers and the problems of contemporary France. Discussion classes in French.

Recommended reading.—

French Book list

GENERAL:

G. Duby and R. Mandrou:	*Histoire de la Civilisation Française* (2 vols.).
R. Lacour-Gayet:	*La France au XXe siècle.*
E. Blanc:	*Les Institutions Françaises.*
H. Luthy:	*The State of France.*
D. W. Brogan:	*The Development of Modern France*, 1870–1939.

HISTORICAL AND POLITICAL DEVELOPMENT:

F. Goguel:	*La politique des Partis sous la IIIe République* (2 vols.).
J. Touchart:	*Histoire des idées politiques* (2 vols.).
J. Chastenet:	*Histoire de la Troisième République* (6 vols.).
P. Renouvin:	*Histoire des Relations Internationales* (vols. V, VI, VII) (1815–1945).
A. Siegfried:	*De la IIIe à la IVe République.*
A. Siegfried:	*De la IVe à la Ve République.*
M. Leroy:	*Histoire des Idées Sociales en France* (3 vols.).

LITERATURE AND THOUGHT:

F. Brunot:	*La Pensée et la Langue.*
M. Grévisse:	*Le Bon Usage.*
J. Wahl:	*Tableau de la Philosophie Française.*
G. Picon:	*Panorama de la Nouvelle Littérature Française.*
H. Clouard:	*Histoire de la Littérature Française du Symbolisme à nos Jours*, 1885–1940 (2 vols.).
P. H. Simon:	*Histoire de la Littérature Française Contemporaine.*
P. de Boisdeffre:	*Une Histoire Vivante de la Littérature d'Aujourd'hui* (1939–1959).
J-P. Vinay and J. Darbelnet:	*Stylistique Comparée du Français et de l'Anglais.*

SOCIAL AND ECONOMIC DEVELOPMENT:

H. Calvet:	*La Société Française Contemporaine.*
H. Detton:	*L'Administration Régionale et Locale de la France.*
H. Solus:	*Les Principes du Droit Civil.*
H. Sée:	*Histoire Economique de la France des Temps Modernes.*
H. Sée:	*Esquisse d'une Histoire Economique et Sociale de la France depuis les Origines jusqu'à la Guerre Mondiale.*
P. George:	*La Ville; la Campagne.*
L. Chevalier:	*Classes laborieuses et classes dangereuses.*
A. Dauzat:	*La Vie Rurale en France.*
H. Pourrat:	*L'Homme à la Bêche. Histoire du Paysan.*
P. Lavedan:	*Géographie des Villes.*
E. Dolléans and G. Dehove:	*Histoire du Travail en France* (2 vols.).

GEOGRAPHY:

A. Longnon:	*La Formation de l'Unité Française.*
L. Mirot:	*Manuel de Géographie Historique de la France* (2 vols.).
A. Demangeon:	*Géographie Economique et Humaine de la France.*
P. M. J. Vidal de la Blache and L. Gallois (Eds.):	*Géographie Universelle,* Vol. VI, *La France.*
E. de Martonne:	*Geographical Regions of France.*

464. Language as a means of social communication: a comparative study of English and French (Seminar). Mrs. Scott James will hold a weekly seminar in the day only during the Lent Term.

For B.Sc. (Econ.) Part II (RR) and graduate students only. Admission will be strictly by permission of Mrs. Scott-James.

Syllabus.—The sociology of the French language. Problems of communication in selected specialised fields. The language of the Press, Radio and Advertising. Political and legal French. French as an instrument of international communication.

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

(b) GERMAN.

465. To be arranged.

For B.Sc. (Econ.) Part II (RR)—*An Approved Modern Foreign Language* (German), I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i (iii); XIII 3d; and others.

Syllabus.—German literature as a mirror of the rise of the middle classes in Germany with special reference to the social drama from Lessing to Gerhard Hauptmann.

Recommended reading.—

GENERAL:

H. Kohn:	*The Mind of Germany.*
R. Pascal:	*The Growth of Modern Germany.*
J. Dewey:	*German Philosophy and Politics.*
G. P. Gooch:	*Germany.*
J. Bithell (Ed.)	*Germany; a Companion to German Studies.*

HISTORICAL AND POLITICAL DEVELOPMENT:

G. Barraclough:	*The Origins of Modern Germany.*
R. T. Clark:	*The Fall of the German Republic.*
E. Kohn-Bramstedt:	*Aristocracy and the Middle Classes in Germany.*
	Social Types in German Literature, 1830–1900.

A. J. P. Taylor:	*The Course of German History.*
R. Aris:	*History of German Political Thought,* 1789–1815.
E. Vermeil:	*Les doctrinaires de la révolution allemande.*
V. Valentin:	*The German People: their History and Civilisation from the Holy Roman Empire to the Third Reich.*
H. Kohn (Ed.):	*German History. Some New German Views.*
H. S. Reiss (Ed.):	*The Political Thought of the German Romantics,* 1793–1815.
E. J. Passant:	*A Short History of Germany,* 1815–1945.
H. Mau and H. Krausnick:	*Deutsche Geschichte der Jüngsten Vergangenheit.*

LITERATURE AND THOUGHT:

F. Bertaux:	*A Panorama of German Literature,* 1880–1930.
J. Bithell:	*Modern German Literature,* 1880–1950.
G. Waterhouse and H. M. Waidson:	*A Short History of German Literature.*
G. P. Gooch and others:	*The German Mind and Outlook.*
R. Müller-Freienfels:	*Psychologie des deutschen Menschen und seiner Kultur.*
R. Pascal:	*The German Sturm und Drang.*
H. F. Garten:	*Modern German Drama.*
H. M. Waidson:	*The Modern German Novel.*
R. Pascal:	*The German Novel.*

SOCIAL AND ECONOMIC DEVELOPMENT:

W. F. Bruck:	*Social and Economic History of Germany from William II to Hitler.*
W. H. Bruford:	*Germany in the Eighteenth Century.*
J. H. Clapham:	*The Economic Development of France and Germany,* 1815–1914.
R. Aron:	*German Sociology.*

(c) ITALIAN.

466. Mr. Guercio. Group discussion by arrangement.

For B.Sc. (Econ.) Part II (RR)—*An Approved Modern Foreign Language* (*Italian*), I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i(iii); XIII 3d; and others.

Syllabus.—Italian literature as a reflection of the rise and development of modern Italy from the days of d'Azeglio, to those of Pirandello and Moravia.

Recommended reading.—

GENERAL:

*C. J. S. Sprigge:	*The Development of Modern Italy.*
C. Sforza :	*Gli Italiani quali sono.*
C. Barbagallo:	*Cento anni di vita italiana.*
A. J. Whyte:	*The Evolution of Modern Italy.*
*D. Mack Smith:	*Italy, A Modern History.*

HISTORICAL AND POLITICAL DEVELOPMENT:

*N. Machiavelli:	*The Prince.*
M. Einaudi:	*Nationalization in France and Italy.*
B. Barclay Carter:	*Italy Speaks.*
E. Wiskeman:	*The Rome-Berlin Axis.*
*M. Grindrod:	*The Rebuilding of Italy.*

LITERATURE AND THOUGHT:

*L. D. Einstein:	*The Italian Renaissance in England.*
G. Bertoni:	*Lingua e cultura.*
B. Croce:	*La letteratura della nuova Italia.*
E. F. Jacob:	*Italian Renaissance Studies.*

SOCIAL AND ECONOMIC DEVELOPMENT:

*L. Sturzo:	*Italy and the New World Order.*
F. Milone:	*L'Italia nell economia delle sue regioni.*
I. Origo:	*The Merchant of Prato.*
A. Santarelli:	*Introduzione allo studio del problema italiano.*

GEOGRAPHY:

A. Baldini:	*Italia di Bonincontro.*
M. Carlyle:	*Modern Italy.*
*D. S. Walker:	*A Geography of Italy.*

* Recommended for students taking Part I.

(d) RUSSIAN.

467. Mrs. Gottlieb. Group discussion by arrangement.

For B.Sc. (Econ.) Part II (RR)—*An Approved Modern Foreign Language (Russian)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI 7 and 8 i(iii); XIII 3d; and others.

Syllabus.—Discussions in Russian on Russian literature of the nineteenth century as against the social-political background of the times.

Recommended reading.—

HISTORICAL AND POLITICAL DEVELOPMENT:

V. O. Kliuchevski:	*A History of Russia.*
Platonov:	*History of Russia.*
M. N. Pokrovski:	*History of Russia.*
H. Seton-Watson:	*The decline of Imperial Russia.*
Catherine the Great:	*Memoirs.*
M. V. Zhizhka:	*Emelyan Pugachev.*
E. Tarle:	*Napoleon's Invasion of Russia.*
M. P. Alexseev i V. S. Meilakh:	*Dekabristi i ikh vremia.*
A. I. Herzen i N. P. Ogarev:	*Kolokol* (1857–1867). *Zhurnal Sovremennik* (1847–1866).
W. E. Mosse:	*Alexander II and the Modernization of Russia.*

LITERATURE AND THOUGHT:

T. J. Masaryk:	*The Spirit of Russia.*
P. A. Kropotkin:	*Russian Literature: Ideals and Reality.*
M. E. Malia:	*Herzen and the Birth of Russian Socialism.*
S. R. Tomkins:	*The Russian Mind. From Peter the Great through the Enlightenment.*
A. I. Herzen:	*My Past and Thought.*
V. A. Desnitski i K. D. Muratova:	*Revolucia 1905 goda i russkaya literatura.*
Y. Lavrin:	*From Pushkin to Mayakovski: A Study in the Evolution of a Literature.*
M. Baring:	*Landmarks in Russian Literature.*
D. S. Mirski:	*A History of Russian Literature.*

SOCIAL AND ECONOMIC DEVELOPMENT:

Y. Mavor:	*Economic History of Russia.*
A. S. Trofimov:	*Rabotcheye Dvizheniye v Rossii*, 1861–1894.
V. A. Rzhevski:	*Krestianski vopros i agrarnaya reforma.*
P. I. Lyashenko:	*History of the National Economy of Russia.*

(e) SPANISH.

468. Mr. Smieja. Twelve classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (RR)—*An Approved Modern Foreign Language (Spanish)*, I 3e; II 3d; V 8e; VI 7 and 8i; VII 3f; XI i(iii); XIII 3d, and others.

Syllabus.—(1) Contemporary Spain 1936–1961: the Civil War and its aftermath. The victors and the defeated. The problems of unity and reconstruction as seen in recent Spanish literature. (2) Selected aspects of Latin America.

Recommended reading.—

GENERAL:

E. A. Peers:	*Spain: A Companion to Spanish Studies.*
R. Altamira:	*Los elementos de la civilización y de carácter españoles.*
J. B. Trend:	*The Civilization of Spain.*
R. Menéndez Pidal:	*Los españoles en la historia.*
N. B. Adams:	*The Heritage of Spain.*
W. B. Fischer and H. Bowen-Jones:	*Spain. A Geographical Background.*

LITERATURE AND THOUGHT:

G. Brenan:	*The Literature of the Spanish People.*
J. Chabás:	*Literatura española contemporánea.*
M. Romera-Navarro:	*Historia de la literatura española.*
G. Torrente Ballester:	*Panorama de la literatura española contemporánea.*
L. Granjel:	*Panorama de la generación del 98.*
J. López-Morillas:	*Intelectuales y espirituales.*
P. Lain Entralgo:	*España como problema.*
F. de los Ríos:	*El pensamiento vivo de Giner.*
R. de Maeztu:	*Ensayos.*

HISTORICAL AND POLITICAL DEVELOPMENT:

H. V. Livermore:	*A History of Spain.*
J. Sarrailh:	*La España ilustrada de la segunda mitad del siglo XVIII.*
R. T. Davies:	*The Golden Century of Spain, 1501–1621.*
A. Ganivet:	*Spain: an Interpretation.*
J. Ortega y Gasset:	*Invertebrate Spain.*
A. S. Turbeville:	*The Spanish Inquisition.*
J. B. Trend:	*The Origins of Modern Spain.*
G. Brenan:	*The Spanish Labyrinth.*
E. Allison Peers:	*The Spanish Tragedy.*
H. Thomas:	*The Civil War in Spain.*

SOCIAL AND ECONOMIC DEVELOPMENT:

J. Vicens Vives:	*Historia social y económica de España y América* (4 vols.).
R. Herr:	*The Eighteenth-century Revolution in Spain.*
A. Robert:	*Perspectivas de la economía española.*
F. C. Sainz de Robles:	*Ayer y hoy: la evolución de la sociedad española en cien años.*
J. Prados Arnarte:	*La economía española en los próximos veinte años.*
M. Fraga Tribarne:	*Las transformaciones de la sociedad española contemporánea.*

LATIN AMERICA:

H. Herring:	*A History of Latin America.*
S. de Madariaga:	*The Rise and Fall of the Spanish American Empire* (2 vols.).
F. A. Kirkpatrick:	*The Spanish Conquistadors.*
R. A. Humphreys:	*The Evolution of Modern Latin America.*
W. C. Gordon:	*The Economy of Latin America.*
P. Henriquez-Ureña:	*Literary Currents in Hispanic America.*
D. Fitts:	*Antología de la poesía americana contemporánea.*

B.A. Honours in History

Classes will be arranged if required. Students should consult Mrs. Scott-James, regarding the language they wish to take up.

Postgraduate Students

Classes in French, German, Italian, Russian, Spanish will be arranged for postgraduate students requiring a language for the purposes of their research. When required, classes will begin in the **fourth** week of the Michaelmas Term and the **second** week of the Lent Term. Postgraduate students wishing to attend should make an appointment to see Mrs. Scott-James in the second week of the Michaelmas Term or the first week of the Lent Term.

(f) English

475. English as a Foreign Language. Mr. Chapman. Twenty-four lectures, Sessional.

For students whose native language is not English.

Syllabus.—The sentence. Nouns; articles and other modifiers of nouns. Pronouns. The Verb; questions and negative statements; use of the tenses; auxiliaries; subject and object. Direct and reported speech. Position of adverbs. Prepositions. Clauses of purpose, result and condition. Number. Word-order. Punctuation. Figures of speech. Changes of meaning. Methods of word-formation.

Recommended reading.—H. E. Palmer, *A Grammar of English Words;* V. H. Collins, *A Book of English Idioms, with explanations;* E. Denison Ross, *This English Language;* O. Jespersen, *Essentials of English Grammar;* C. L. Wrenn, *The English Language;* S. Potter, *Our Language;* H. Bradley, *The Making of English;* H. W. Fowler, *Modern English Usage; The Concise Oxford Dictionary.*

476. English as a Foreign Language (Class). Mr. Chapman. Classes will be held in connection with the above course for the discussion of written work and problems of contemporary usage. Admission will be by permission of Mr. Chapman, on the recommendation of a student's tutor or supervisor.

477. English Speech. Mr. Chapman. Five lectures, Lent Term.

For students whose native language is not English, though they may be of value to other students.

Syllabus.—Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.

Recommended reading.—J. R. Firth, *Speech;* D. Jones, *The Pronunciation of English; An English Pronouncing Dictionary;* N. C. Scott, *English Conversations;* P. A. D. MacCarthy, *English Pronunciation;* I. C. Ward, *The Phonetics of English.*

478. The Art of Writing. Mr. Chapman. Three lectures, Michaelmas Term.

Open to all students.

Syllabus.—Some suggestions for the improvement of style in everyday writing. Vocabulary; archaism, slang and jargon. Clichés. Commercial and journalistic English. Idiom. Spoken and written. Punctuation. American English.

Recommended reading.—R. Chapman, *A Short Way to Better English;* Ernest Gowers, *Plain Words;* H. W. Fowler, *The King's English;* A. Quiller-Couch, *The Art of Writing;* A. P. Herbert, *What a Word;* G. A. Vallins, *Good English.*

479. English Class. Mr. Chapman. Classes will be held for students who wish to improve their use of English, with opportunities for practice in writing essays and summaries and the comparative criticism of set passages. These classes will be open to all students but priority will be given to candidates for Civil Service Examinations. Admission will be strictly by permission of Mr. Chapman, who will interview students at the beginning of the Michaelmas Term.

Students admitted to this class will be expected to attend Course No. 478 and to study the books recommended for reading.

PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

PHILOSOPHY, LOGIC AND SCIENTIFIC METHOD

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193 in Part II of the Calendar.

485. Introduction to Logic. Dr. Lakatos. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I (RR)—Alternative subject 3; and for Part II (OR)—Special subjects of Economic History (Modern), Option (v) (g), of Social Anthropology, (v) (e), and of Computational Methods, Option (iii) (h) (to be followed by Course 486); also for B.A. Honours in Philosophy and Economics (First Year students).

Syllabus.—Historical introduction to modern logic. (Scientific method, argumentation and logic. The Paradoxes. Languages under discussion, object languages and the language in use: the meta-language. Some modern theories of truth. Truth of statements v. validity of arguments. Semantics and syntax: formal languages.) The problem of valid inference as the fundamental problem of elementary logic. (Formative and descriptive signs of an object language. Definition of " valid inference ". Outlines of the logic of statement composition; three methods of truth tables, primitive propositions, and primitive rules of inference. Derivation v. Demonstration. The limits of demonstrability.) The logic of predicates: comparison of the traditional logic of categorical propositions with Boolean methods and with the method of quantifiers. (The language of categorical statements: Class interpretation and Venn diagrams; square of opposition, the principles of the syllogism and the derivation of the corollaries.)

Recommended reading.—A. Ambrose and M. Lazerowitz, Fundamentals of Symbolic Logic; A. H. Basson and D. J. O'Connor, *Introduction to Symbolic Logic;* J. Myhill, " Philosophical Implications of Mathematical Logic ", *Review of Metaphysics*, 1952–1953; E. Nagel, J. R. Newman, *Gödel's Proof;* K. R. Popper, *Conjectures and Refutations;* K. R. Popper, " Logic Without Assumptions " (*Proceedings of the Arist. Soc.*, 1946–1947); B. Russell, *Mysticism and Logic;* B. Russell, *Introduction to Mathematical Philosophy;* W. A. Sinclair, *The Traditional Formal Logic;* P. Suppes, *Introduction to Logic;* A. Tarski, *Introduction to Logic.*

485(A). Logic Class. Dr. Lakatos will hold twenty-four classes in conjunction with Course No. 485 throughout the session.

486. Introduction to Scientific Method. Mr. Watkins. Twenty-four lectures, Sessional.

(This course will be given in the day only in the session 1962–63; it will be given in the day and in the evening in the session 1963–64.)

For B.Sc. (Econ.) Part I (RR)—Alternative subject 4; and Part II (OR)—Special subjects of Economic History (Modern), Option (v) (g), of Social Anthropology, Option (v) (e) and of Computational Methods, Option (iii) (h); for students who have taken Course 485; also for B.A. Honours in Philosophy and Economics (First Year students). Recommended for graduate students.

Syllabus.—The aims of science—explanation and application. The evolution of standards of explanation. Illustrations from the history of physics and mathematics. Logical analysis of explanation. Explanation and deduction. Independent tests of the explicans. Logical analysis of tests, prediction, application. Historical and theoretical explanations. Criteria of scientific progress. Hypothetico-deductive systems. Degrees of testability. Rôle of measurement. Hypotheses about single cases (simple hypotheses) and frequency hypotheses. Probability and its interpretations. *Ad hoc* hypotheses. The problem of induction and its history. Inductive probability *v.* degree of confirmation. Physical, biological, and social sciences.

Recommended reading.—MATHEMATICS AND SCIENCE: A. E. E. McKenzie, *The Major Achievements of Science;* G. Holton and G. H. D. Roller, *The Foundations of Modern Physical Science;* R. Courant and H. Robbins, *What is Mathematics?* HISTORY OF SCIENCE: S. Toulmin and J. Goodfield, *Fabric of the Heavens;* S. Toulmin and J. Goodfield, *The Architecture of Matter;* H. Butterfield, *The Origins of Modern Science* 1300–1800; A. Koestler, *The Sleepwalkers.* PHILOSOPHY OF SCIENCE: K. R. Popper, *Conjectures and Refutations;* N. R. Campbell, *What is Science ?* PHILOSOPHY OF SOCIAL SCIENCE: L. C. Robbins, *An Essay on the Nature and Significance of Economic Science;* F. A. Hayek, *The Counter-Revolution of Science;* J. W. N. Watkins, "Historical Explanation in the Social Sciences" (*British Journal for the Philosophy of Science*, 1957).

486(A). Scientific Method Class—I. Mr. Watkins will hold a class in conjunction with Course No. 486 throughout the session.

487. Scientific Method. Dr. Wisdom. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II (RR)—*Scientific Method*, I 3a; II 3a; V 8f; VI 8j; VII 3e. (Second or Third Year students); B.A. Honours in Philosophy and Economics (Second or Third Year), and open to other students.

Syllabus.—I. How problems of method arise in the sciences. Examples from the history of science such as: the rejection of Astrology by Kepler, Galileo, Newton; mathematics *v.* observation in Descartes, Huygens, Leibniz; the problem of the subject matter of the social sciences in Smith, Weber, Keynes. II. Discussion of principles of method. The status of explanation and explanatory theories. Criticism of induction. The problem of experience: theory and fact-finding. III. Applications to a few problems such as: mathematics *v.* empirical science. Axiom systems. Probability. The applicability and testability of economic theories; the rôle of models in economics; what questions can statistical methods help to answer?; aims, means, and interpretations of history; the character of various theories of social change; in which senses are social theories 'value-free'?

Recommended reading.—See bibliography given for Course No. 486. In addition: HISTORY OF SCIENCE: A. Koyré, *From the Closed World to the Infinite Universe;* A. Einstein and L. Infield, *The Evolution of Physics.* PHILOSOPHY OF SCIENCE: K. R. Popper, *The Logic of Scientific Discovery;* M. R. Cohen and E. Nagel, *Introduction to Logic and Scientific Method;* R. B. Braithwaite, *Scientific Explanation;* P. Duhem, *The Aim and Structure of Physical Theory;* P. W. Bridgman, *The Nature of Physical Theory;* J. O. Wisdom, *The Foundations of Inference in Natural Science;* N. R. Campbell, *Foundations of Physics or Physics: the Elements*). PHILOSOPHY OF SOCIAL SCIENCE: M. Weber, *The Methodology of the Social Sciences;* F. Kaufman, *The Methodology of the Social Sciences;* Q. Gibson, *The Logic of Social Enquiry;* T. W. Hutchinson, *The Significance and Basic Postulates of Economic Theory;* F. S. C. Northrop, *The Logic of the Sciences and the Humanities;* A. L. Bowley, *The Nature and Purpose of Measurement of Social Phenomena;* G. A. Lundberg, *Social Research;* W. H. Walshe, *Introduction to the Philosophy of History;* M. Mandlebaum, *The Problem of Historical Knowledge;* K. R. Popper, *The Poverty of Historicism; The Open Society and Its Enemies;* M. Friedman, *Essays in Positive Economics;* J. W. N. Watkins, "Ideal Types and Historical Explanation" (*British Journal for the Philosophy of Science*, 1952); K. Klappholz and J. Agassi, "Methodological Prescriptions in Economics" (*Economica*, 1959).

487(A). Scientific Method Class—II. A class will be held in conjunction with Course No. 487 throughout the session by Dr. Wisdom for B.Sc. (Econ.) Part II (RR) and B.A. Honours in Philosophy and Economics (Second Year) students.

488. Introduction to Philosophy (Seminar). Dr. Wisdom will hold a seminar for B.A. Honours in Philosophy and Economics (First Year) students weekly throughout the session.

Reading lists will be given during the course.

489. Modern Philosophy from Bacon to Kant. Mr. Watkins. Sixty lectures, twice weekly, Sessional.

For B.A. Honours in Philosophy and Economics (First Year). Open to other students.

Syllabus.—The main problems, theories and arguments of Bacon, Hobbes, Descartes, Locke, Spinoza, Leibniz, Berkeley, Hume, and Kant.

Philosophical problems engendered by the rise of seventeenth century physics: methods of discovery; sensible appearances and physical realities; "abstract ideas" in physics and mathematics; physical determination, human bondage and human freedom; theories of matter and thinghood; theories of causation; body-body interaction and body-mind interaction; perception and the systematic deception of the senses. Proofs of the existence of God and justifications for *apriorism* in physics; innate ideas and the principle of sufficient reason; rationalist and empiricist theories of the origins of ideas; theories of error. Essentialist and instrumentalist interpretations of Copernican and Newtonian physics; absolute and relative motion, space and time. The limits of human knowledge.

The moral and political ideas of some of these philosophies will be discussed in connexion with their epistemological and metaphysical ideas.

Recommended reading.—(Students are advised to concentrate their reading around, say, three of the main philosophers.) TEXTS: F. Bacon, *Novum Organum* (English translation in Ellis and Spedding (Eds.) *Works);* T. Hobbes, *The Elements of Law* (Ed. F. Tonnies), Part I; R. Descartes, *Philosophical Works* (trans. E. S. Haldane and G. R. T. Ross), Vol. I; J. Locke, *Essay Concerning Human Understanding* (ed. Pringle-Pattison); B. Spinoza, *Correspondence* (ed. A. Wolf); *Political Works* (ed. A. G. Wernham); *Ethics* (trans. W. H. White and A. H. Sterling, 4th edn.); G. W. Leibniz, *The Monadology and other philosophical writings* (ed. R. Latta); *Discourse on Metaphysics* and *Correspondence with Arnauld* (both in L. E. Loemker (Ed.) *Philosophical Papers and Letters*, Vol. I); G. Berkeley, *The Principles of Human Knowledge* and *Three Dialogues between Hylas and Philononous* in A. A. Luce and T. E. Jessop (Eds.) *Works*, Vol. 2; D. Hume, *Enquiries* (ed. Selby-Bigge), and *Treatise* (ed. Selby-Bigge), especially Book I, Parts iii and iv, Book II, Part iii, and Book III, Part i; I. Kant, *Prolegomena to any Future Metaphysics* and *Critique of Pure Reason* (trans. N. Kemp Smith).

COMMENTATORS: R. E. Ellis and J. Spedding's Prefaces and Notes in Bacon's *Works;* G. C. Robertson, *Hobbes;* L. Roth, *Descartes' Discourse on Method;* J. Gibson, *Locke's Theory of Knowledge;* S. Hampshire, *Spinoza;* B. Russell, *The Philosophy of Leibniz;* editorial introductions in A. A. Luce and T. E. Jessop (Eds.) *The Works of George Berkeley;* N. Kemp Smith, *The Philosophy of David Hume;* S. Körner, *Kant;* H. J. Paton, *Kant's Metaphysics of Experience* (2 vols.).

BACKGROUND READING: Some of the following may be consulted. E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science;* H. Butterfield, *The Origins of Modern Science;* A. N. Whitehead, *Science and the Modern World;* E. Meyerson, *Identity and Reality;* A. Koestler, *The Sleepwalkers* (Part Four); R. G. Collingwood, *The Idea of Nature;* Ernst Mach, *Science of Mechanics*, Chap. II; A. Koyré, *From the Closed World to the Infinite Universe.*

490. Ethics. Mr. Bartley. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Philosophy and Economics (First and Second Years).

Syllabus.—The scope and limits of rationality in ethics. The problem of moral scepticism and its historical background. The weapons of moral scepticism: the infinite regress and circularity arguments. Cultural and intellectual relativism. The concepts of decision and commitment. The *tu quoque* argument. The effect of moral scepticism upon criticism. Moral criticism, moral learning and the growth of rationality and of knowledge in ethics. The political implications of ethical theories: scepticism and authoritarianism (Hobbes), apriorism and rational totalitarianism (Plato), epistemological mediocrity and toleration (Locke). Ethical and epistemological presuppositions of political democracy. Rational and irrational methods of political reform.

Ethical naturalism, the reaction to naturalism and the severance of ethics from science. Intuitionism. Moore. The "Naturalistic Fallacy." The problem-situation after Moore. Anti-naturalism without intuitionism. The emotive-performative view. The non-descriptive account of the language of morals. Post-emotive schools of thought. Linguistic descriptivism. Recent developments.

Recommended reading.—Apart from some of the classical writings of Plato, Aristotle, Hobbes, Spinoza, Locke, Rousseau, Hume, Kant and J. S. Mill, the following more recent books are recommended: A. J. Ayer, *Language, Truth and Logic;* W. W. Bartley, *The Retreat to Commitment;* C. D. Broad, *Five Types of Ethical Theory;* Erik H. Erikson, *Identity and the Life Cycle;* R. M. Hare, *The Language of Morals;* G. E. Moore, *Principia Ethica;* R. B. Perry, *Realms of Value;* K. R. Popper, *The Open Society and Its Enemies,* and "On the Sources of Knowledge and of Ignorance" (*Proceedings of The British Academy,* 1960); H. Rashdall, *The Theory of Good and Evil;* Sir David Ross, *The Right and the Good;* H. Sidgwick, *Outlines of the History of Ethics;* C. L. Stevenson, *Ethics and Language;* S. E. Toulmin, *The Place of Reason in Ethics;* J. W. N. Watkins, "Epistemology and Politics" (*Proceedings of the Aristotelian Society,* 1957–58); M. G. White, *Toward Reunion in Philosophy.*

491. Logic and Epistemology (Seminar). Mr. Watkins and Dr. Lakatos will hold a seminar of one-and-a-half hours weekly in the Michaelmas and Lent Terms for B.A. Honours in Philosophy and Economics (Second and Third Year) students. Open to other students.

492. Problems of Epistemology and Metaphysics. Dr. Wisdom. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Honours in Philosophy and Economics (Second and Third Years). Open to other students.

493. Epistemology and Metaphysics (Seminar). Dr. Wisdom will hold a seminar in conjunction with Course No. 492 in the Michaelmas and Lent Terms, for B.A. Honours in Philosophy and Economics (Second Year) students.

494. Philosophy of the Social Sciences (Seminar). A seminar of one-and-a-half hours will be held fortnightly throughout the session by Dr. Corry, Mr. Klappholz and Dr. Wisdom for B.A. Honours in Philosophy and Economics (Second and Third Year) students.

FOR GRADUATE STUDENTS

497. Advanced Scientific Method. Dr. Lakatos. Ten lectures, Lent Term.

For Diploma in Operational Research. Recommended for graduate students.

Syllabus.—The historical background of the problem of scientific method. The Euclidean and empiricist programmes. Dogmatism, scepticism, fallibilism. The sources of knowledge. Logic, the theory of valid inference. Realism, instrumentalism, conventionalism. The problem of demarcation between science and non-science. Testability. The deductive model of explanation. Truth-content. Degrees of testability. "Probability" of scientific theories. Simplicity.

The logic of scientific discovery *versus* the logic of mathematical discovery. Inductivist style; deductivist style; critical style.

Recommended reading.—K. R. Popper, *The Logic of Scientific Discovery;* K. R. Popper, *Conjectures and Refutations;* R. B. Braithwaite, *Scientific Explanation;* P. Duhem, *The Aim and Structure of Physical Theory;* R. M. Blake and others, *Theories of Scientific Method;* H. Feigl and M. Brodbeck, *Readings in the Philosophy of Science;* G. Polya, *How to Solve it;* G. Polya, *Mathematics and Plausible Reasoning* I–II; J. W. N. Watkins, "Confirmable and Influential Metaphysics" (*Mind,* 1958); I. Lakatos, "Infinite Regress and Foundations of Mathematics" (*Aristotelian Society, Supplementary Volume XXXVI,* 1962); J. O. Wisdom, *Foundations of Inference in natural Science.*

498. Philosophy and Scientific Method (Seminar). Dr. Wisdom, Mr. Watkins and Mr. Bartley will hold a seminar of two hours weekly for graduate students and B.A. Honours in Philosophy and Economics (Third Year) students throughout the session.

Reference should also be made to the following courses:—

No. 45.—**The Structure of Modern Industry.**

No. 47.—**The System of Public Finance.**

No. 60.—**The Economics of the Labour Market.**

No. 260.—**The Economic History of Great Britain and America, 1850–1939.**

POLITICAL STUDIES

INTERNATIONAL RELATIONS

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176–193 in Part II of the Calendar.

500. International Relations as the Study of World Politics. Lecturer to be announced. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations; Part II (RR)—*International Relations*, XI 5; the Certificate in International Studies; and for graduate students.

501. Elements of International Relations. Mr. James (day), twenty-five lectures, Sessional. Mr. G. H. Stern (evening). Sessional.

For B.Sc. (Econ.) Part I (RR)—Alternative subject 7, The Structure of International Society I; Part II (RR)—*Structure of International Society* II, I 3n, XIII 3b; and for others by permission of Mr. James.

Syllabus.—The purpose here is to support so far as may be the enterprise of any who, as beginners in the field, are disposed to re-examine their pre-conceptions on the make-up and lay-out of that social cosmos save in the perspective of which so few of the major problems of mankind can in these days be constructively considered—an enterprise no less evidently well-inspired for such as are presently to specialise in International Relations as, possibly, for some who are not.

Recommended reading.—K. E. Boulding, *The Image;* J. L. Brierly, *The Law of Nations;* and *The Outlook for International Law;* H. Butterfield, *International Conflict in the Twentieth Century;* E. H. Carr, *The Twenty Years Crisis;* G. Connell-Smith, *Pattern of the post-war world;* W. T. R. Fox (Ed.), *Theoretical Aspects of International Relations;* F. H. Hartmann, *The Relations of Nations;* R. C. Macridis (Ed.), *Foreign Policy in World Politics;* C. A. W. Manning, *The Nature of International Society;* R. Niebuhr, *Moral Man and Immoral Society;* K. N. Waltz, *Man, the State and War;* M. Wight, *Power Politics.*

502. Elements of International Relations (Class). Mr. James and others (day), Mr. G. H. Stern (evening), twenty-five classes. Sessional.

For B.Sc. (Econ.) Part I (RR)—Alternative subject 7, The Structure of International Society I; and for others by permission of Mr. James. The evening classes will be for second year students.

503. Elements of International Relations (Class). Mr. James. Sessional.

For B.Sc. (Econ.) Part II (RR)—*Structure of International Society* II, I 3n; XIII 3b.

504. Elements of International Relations. Mr. G. H. Stern.

For B.Sc. (Econ.) Part I (OR)—for those taking Alternative subject, The Structure of International Society. Arrangements for teaching this Alternative subject to any third year evening students who wish to take it will be made by Mr. Stern.

505. Theories of International Politics. Mr. Bull. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (d); Part II (RR)—*International Relations*, XI 5; *Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year students); and for graduate students.

Syllabus.—The principal theories concerning international politics, considered by way of a discussion of the classical writings.

Recommended reading.—Dante, *De Monarchia;* Machiavelli, *The Prince; Discourses;* F. de Victoria, *De Indis et De Jure Belli Relectiones;* Grotius, *De Jure Belli ac Pacis, prolegomena;* E. de Vattel, *Le Droit des Gens;* J. J. Rousseau, *A Project of Perpetual Peace;* E. Burke, *Thoughts on French Affairs; Letters on a Regicide Peace*, Nos. 1 and 2; Kant, *Perpetual Peace;* C. von Clausewitz, *On War;* R. Cobden, *The Political Writings of Richard Cobden*, Vol. I; H. von Treitchske, *Politics;* L. Tolstoy, *The Kingdom of God is Within You;* M. K. Gandhi, *Autobiography;* V. I. Lenin, *Imperialism;* R. Aron, *War and Industrial Society;* F. Meinecke, *Machiavellism;* W. Schiffer, *The Legal Community of Mankind;* A. Wolfers and L. W. Martin, *The Anglo-American Tradition in Foreign Affairs.*

506. The Machinery of Diplomacy. Mr. Tunstall. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations; and Certificate in International Studies.

Syllabus.—The origin and growth of the machinery for the conduct of foreign relations. Theories and assumptions underlying the traditional system; diplomatic agents, their status and privileges; forms of diplomatic intercourse; congresses and conferences; treaties and other international compacts, their negotiation and characteristic forms; ratification; twentieth century developments; the "New Diplomacy"; present-day foreign office and foreign service organisation.

Recommended reading.—E. M. Satow, *A Guide to Diplomatic Practice* (4th edn.); Lord Strang, *The Foreign Office;* H. Nicolson, *Evolution of Diplomatic Method;* K. M. Pannikar, *The Principles and Practice of Diplomacy;* E. Plischke, *International Relations: Basic Documents;* T. M. Jones, *Full Powers and Ratification;* H. Blix, *The Treaty-Making Power;* C. Thayer, *Diplomat.*

507. International Institutions. Mr. Goodwin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of International Relations; International History, Option (iv) (a); Part II (RR)—*International Institutions*, VII 3c, XI 6, XIII 8a (Second Year students); the Certificate in International Studies; and for graduate students.

Syllabus.—Observations on the growth, activities, and limitations of international institutions, whether quasi-universal (the League of Nations, the United Nations and the "specialised agencies") or regional (N.A.T.O., O.E.E.C., E.C.S.C., and E.E.C.) in scope; and an assessment of their impact on the conduct and content of the foreign policies of their leading members.

Recommended reading.—I. L. Claude, *Swords into Plowshares;* W. Schiffer, *The Legal Community of Mankind;* F. P. Walters, *A History of the League of Nations;* A. E. Zimmern, *The League of Nations and the Rule of Law*, 1918–1935 (2nd edn., 1939); *International Sanctions* (Royal Institute of International Affairs, 1938); F. Van Langenhove, *La crise du systeme de securité collective des Nations-Unies* 1946–1957; G. L. Goodwin, *Britain and the United Nations;* H. G. Nicholas, *The United Nations as a Political Institution;* L. M. Goodrich and E. Hambro, *Charter of the United Nations: Commentary and Documents* (2nd edn., 1949); R. N. Gardner, *Sterling-Dollar Diplomacy;* A. Schonfield, *The Attack on World Poverty;* H. L. Ismay, *NATO, the first five years;* B. Moore, *NATO and the Future of Europe;* M. Beloff, *Europe and the Europeans;* P.E.P., *European Organisations;* E. B. Haas, *The Uniting of Europe;* J. F. Deniau, *The Common Market;* F. Borkenau, *The Third International;* and the relevant constitutional documents.

508. The Politics of International Economic Relations. Mr. Goodwin. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations; Part II (RR) *International Relations*, XI 5; the Certificate in International Studies; and for graduate students.

Syllabus.—An analysis of (i) the sources and organisation of national economic power; (ii) the economic factor in the formulation of foreign policy; (iii) the use of economic power as an instrument of foreign policy; (iv) the political aspects of some of the central economic and social problems of contemporary international society.

Recommended reading.—J. A. Hobson, *Imperialism* (3rd edn.); E. Staley, *War and the Private Investor;* K. Polanyi, *Origins of our Time;* H. W. Arndt, *The Economic Lessons of the Nineteen-Thirties; Survey of International Affairs: World in March*, 1939, Part II (Royal Institute of International Affairs); B. H. Klein, *Germany's Economic Preparations for War;* K. E. Knorr, *The War Potential of Nations;* H. G. Aubrey, *Coexistence: Economic Challenge and Response;* W. A. Lewis, *The Theory of Economic Growth;* J. S. Berliner, *Soviet Economic Aid;* B. Shwadran, *The Middle East, Oil and the Great Powers.*

509. The Philosophical Aspects of International Relations. Lecturer to be announced. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (d)—The Philosophical and Psychological Aspects of International Affairs; Part II (RR)—*International Relations*, XI 5; *Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year students); the Certificate in International Studies; and for graduate students.

Recommended reading.—Possibilities for reading will be suggested in the course of the lectures.

510. The Psychological Aspects of International Relations. Dr. Northedge. **Series A.** Six lectures, Lent Term. **Series B.** Four lectures, Lent Term.

Series A: for B.Sc. (Econ.) Part II (OR)—Special subject of International Relations; Part II (RR)—*International Relations*, XI 5; and Certificate in International Studies. Series B: for B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (d)—The Philosophical and Psychological Aspects of International Affairs; Part II (RR)—*The Philosophical and Psychological Aspects of International Affairs*, XI 7 and 8e (Third Year students).

Syllabus.—An appreciation of certain enduring features in the psychological background to international politics, with due attention to the contribution to their understanding afforded by recent psychological inquiry. Particularity will be given to such themes as non-rational foundations of political behaviour; the emotional functions of modern nationalism and their consequences for the mutual attitudes of states; communal traditions, sentiment and prejudice as exhibited in diplomatic exchanges; the *mystique* of national vocation and changing forms of collective pride; ideological influences in policy-making, morale and propaganda;

tensions in international life and the quest for security; the psychology of institutional co-operation.

Recommended reading.—R. Crawshay-Williams, *The Comforts of Unreason;* H. D. Lasswell, *World Politics and Personal Insecurity;* Barrington Moore, *Soviet Politics: the dilemma of power;* M. F. Ashley-Montagu, *Man's Most Dangerous Myth: the fallacy of race;* B. C. Shafer, *Nationalism: myth and reality;* R. Benedict, *The Chrysanthemum and the Sword;* Lindley M. Fraser, *Propaganda;* W. Röpke, *The German Question;* J. Bardoux, *Angleterre et France: leurs politiques étrangères;* P. M. A. Linebarger, *Psychological Warfare;* B. Schaffner, *Fatherland: a study of authoritarianism in the German family;* E. Fromm, *The Fear of Freedom;* N. Berdyaev, *The Russian Idea;* R. Niebuhr, *The Irony of American History.*

511. International Relations (Class). Sessional. Mr. Goodwin.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations and Part II (RR)—XI (Third Year students).

On the basis of individual papers presented for discussion in the round-table manner, a relatively intensive analysis will be undertaken of certain selected international problems.

512. The Genesis of British Foreign Policy. Dr. Northedge. Six lectures, Summer Term.

For students interested in this subject.

Syllabus.—The course will survey the more important influences affecting the conduct of British foreign relations. These include the characteristic principles of British diplomacy, the policy-making process and its evolution, the pattern of British interests, and the rôle of such associations as the Commonwealth. Historical material will be called upon, but chiefly to illustrate the main theme, which is primarily analytical.

Recommended reading.—Books and documentary papers will be suggested as the course proceeds.

513. Military Power and International Security. Mr. Bull. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (c), The Problem of International Peace and Security, Option (iv) (e) The Geographical and Strategic Aspects of International Affairs; Part II (RR)—*The Problems of International Peace and Security*, XI 7 and 8d; *The Geographical and Strategic Aspects of International Affairs*, XI 7 and 8f (Third Year students); and Certificate in International Studies.

Syllabus.—An exploration of theories defining the military conditions of international security: the balance of power, armaments and alliances, collective security, deterrence, disarmament and related notions.

Recommended reading.—C. von Clausewitz, *On War;* C. Dupuis, *Le Principe d'Equilibre et le Concert Européen;* B. Brodie, *Strategy in the Missile Age;* A. Wolfers (Ed.), *Alliance Policy in the Cold War;* K. Knorr (Ed.), *NATO and American Security;* H. Bull, *The Control of the Arms Race;* T. C. Schelling and M. H. Halperin, *Strategy and Arms Control;* P. J. Noel-Baker, *The Arms Race;* M. K. Gandhi, *Autobiography;* J. V. Bondurant, *The Conquest of Violence;* R. Osgood, *Limited War;* Q. Wright, *A Study of War;* R. Aron, *The Century of Total War;* D. G. Brennan (Ed.), *Arms Control and Disarmament;* E. W. Lefever (Ed.), *Arms and Arms Control;* H. A. Kissinger, *The Necessity for Choice.*

514. Current Issues in International Affairs (Class). Sessional. Lecturer to be announced. Admission by permission of Lecturer.

For B.Sc. (Econ.) Part II (OR) and (RR)—Special subject of International Relations.

515. Geographical and Strategic Factors in International Politics. Mr. Tunstall. Series A. Ten lectures, Lent Term. Series B. Eight lectures, Summer Term.

Series A: for B.Sc. (Econ.) Part II (OR)—Special subject of International Relations; and Certificate in International Studies. Series B: for B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (e)—The Geographical and Strategic Aspects.

Syllabus.—The geographical relationships of the land masses and oceans, and their political significance; political implications of shape, size, position, climate, population, and economic resources of states and territories; frontier problems. Sea, air, and land as means of communication, travel, and transport; impact of the latest developments in flight on international relations generally. Use of political geography in influencing public opinion for political and strategic ends.

Strategic factors as an underlying influence in international relations, often when not easily discernible. National policy and military means. Interdependence of sea, air, land, and economic strategy; merchant shipping; civil aviation; strategic bases. Problems of unified forces and unified commands. War as an aspect of international relations; " limited " wars; nuclear war and nuclear weapons.

Recommended reading.—H. J. Mackinder, *Democratic Ideals and Reality;* G. C. L. Bertram, *Antarctica Today and Tomorrow;* Lord Curzon, *Frontiers;* K. M. Panikkar, *India and the Indian Ocean;* Royal Institute of International Affairs, *Atlantic Alliance;* P. J. Noel-Baker, *The Arms Race;* J. Herz, *International Politics in the Atomic Age;* B. Tunstall, *The Commonwealth and Regional Defence;* E. Hinterhoff, *Disengagement;* A. Buchan, *NATO in the 1960's;* Y. M. Goblet, *Political Geography and the World Map.*

Further reading will be suggested during the course.

516. Domestic Aspects of International Relations. Mr. Chambers. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations; and Option (iv) (f)—The Interplay of Politics at the Domestic and International Levels; Part II (RR)—*International Relations*, XI 5; *The Interplay between Politics at the Domestic and International Levels*, XI 7 and 8g (Third Year students); First part of Course for Certificate of International Studies.

Syllabus.—Contemporary international relations, with special reference to the domestic background, in the principal countries of the world. " Foreign policy begins at home."

Recommended reading.—G. A. Almond, *The American People and Foreign Policy;* T. A. Bailey, *The Man in the Street;* R. Bassett, *Democracy and Foreign Policy;* P. W. Buck and M. B. Travis, *Control of Foreign Relations in Modern Nations;* F. P. Chambers and others, *This Age of Conflict;* F. Le G. Clark, *Feeding the Human Family;* A. Cobban, *National Self-Determination;* E. Crankshaw, *Russia and the Russians;* L. D. Epstein, *Britain: Uneasy Ally;* S. E. Finer, *Anonymous Empire;* G. H. Gallup and S. F. Rae, *The Pulse of Democracy;* A. Grosser, *Western Germany;* J. Gunther, *Inside U.S.A.;* M. Grindrod, *The Rebuilding of Italy;* R. Hinden, *Empire and After;* M. Howard, *Soldiers and Governments;* V. O. Key, *Politics, Parties and Pressure Groups;* S. de Madariaga, *Spain;* P. N. S. Mansergh, *The Commonwealth and the Nations;* R. B. McCallum, *Public Opinion and the Last Peace;* H. Nicolson, *Peace-making, 1919;* R. E. Osgood, *Ideals and Self-Interest in America's Foreign Relations;* Royal Institute of International Affairs, *Britain in Western Europe; Nationalism;* D. M. Pickles, *French Politics;* J. D. Stewart, *British Pressure Groups;* L. Sturzo, *Italy;* F. Thistlethwaite, *The Great Experiment;* D. Warriner, *Land and Poverty in the Middle East;* A. Werth, *The Twilight of France; France, 1940–1955;* H. B. Westerfield, *Foreign Policy and Party Politics;* P. Williams, *Politics in Post-War France;* E. Wiskemann, *Czechs and Germans; Italy.*

517. The Sociology of International Law. Mr. James. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (g)—Sociology of International Law; Part II (RR)—*Sociology of International Law*, XI 7 and 8h (Third Year students); and other students interested in the subject.

Syllabus.—The purpose of this course is to examine the place, in international society, of international law. Among the topics which will be considered are: the question of the legal nature of international law; the basis of obligation in international law; the relation between international politics and international law; the factors affecting the development of international law; the suggested classification of international law into types; the relation to international law of sanctions, and their nature in an ungoverned society; the relevance of the concept of the " rule of law " in international society; the question of an international criminal law; the usefulness of endeavours to codify international law; the place, internationally, of the judicial settlement of disputes; the relation between international law and international order; the function of the international lawyer; the future of international law.

Recommended reading.—J. L. Brierly, *The Basis of Obligation in International Law and Other Papers; The Outlook for International Law;* P. E. Corbett, *Law and Society in the Relations of States; Law in Diplomacy;* H. L. A. Hart, *The Concept of Law;* M. A. Kaplan and N. de B. Katzenbach, *The Political Foundations of International Law;* H. Lauterpacht, *The Development of International Law by the International Court; The Function of Law in the International Community;* A. Nussbaum, *A Concise History of the Law of Nations* (2nd edn.); G. Schwarzenberger, *The Frontiers of International Law;* J. Stone, *Aggression and World Order; Legal Controls of International Conflict;* C. de Visscher, *Theory and Reality in Public International Law;* Q. Wright, *The Role of International Law in the Elimination of War.*

518. International Communism and Soviet Foreign Policy. Mr. G. H. Stern. Twelve lectures, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II (OR) and Part II (RR) Third Year students taking special subject—International Relations, and others interested in this subject.

Syllabus.—International implications of the Russian Revolution of 1917. The development of the Communist movement in Eastern Europe, China, Southeast Asia, Latin America, Africa, Western Europe and elsewhere, and relations between the various local Communist organisations. Realpolitik and ideology—strategies and tactics. Changes in Soviet foreign policy and their repercussions on the international Communist movement. The rôle of the Comintern, the Cominform and COMECON in the promotion of world Communism.

Recommended reading.—F. Borkenau, *The Communist International;* and *European Communism;* Z. K. Brzezinski, *The Soviet Bloc;* E. H. Carr, *German-Soviet Relations between the two World Wars*, 1919–1939; J. Degras (Ed.), The Communist International 1919–1943; Documents; I. Deutscher, *Stalin;* R. Fischer, *Stalin and German Communism;* E. R. Goodman, *The Soviet Design for a World State;* G. F. Kennan, *Russia and the West under Lenin and Stalin;* L. Labedz (Ed.), *Revisionism;* G. Nollau, *International Communism and World Revolution*, A. Nove, *Communist Economic Strategy;* D. Footman (Ed.), *St. Anthony's Papers*, No. 9, " International Communism "; G. H. N. Seton-Watson, *The Pattern of Communist Revolution.*

519. The Problem of International Peace and Security (Class). Mr. James will arrange a series of ten classes in the Lent Term for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (c); Part II (RR)—XI, 7 and 8d (Third Year students).

520. The Philosophical Aspects of International Relations (Class). A series of ten classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (d); Part II (RR)—XI, 7 and 8e (Third Year students).

521. The Psychological Aspects of International Relations (Class). A series of four classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (d); Part II (RR)—XI, 7 and 8e (Third Year students).

522. The Geographical and Strategic Aspects of International Affairs. A series of ten classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (e); Part II (RR)—XI, 7 and 8f (Third Year students).

523. The Interplay of Politics at the Domestic and International Levels. A series of ten classes will be arranged in the Lent Term for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (iv) (f); Part II (RR)—XI, 7 and 8g (Third Year students).

524. The Sociology of International Law (Class). A series of five or more classes will be arranged by Mr. James in the Lent Term for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of International Relations, Option (vi) (g); Part II (RR)—XI, 7 and 8h (Third Year students).

Note: The attention of students taking this optional subject is drawn to the following lecture course given at the Institute of Advanced Legal Studies:

History and Sociology of International Law. Mr. Parkinson. Twenty lectures, Michaelmas and Lent Terms.

525. International Institutions (Class). A series of five or more classes will be arranged by Mr. Goodwin in the Lent Term for students taking the B.Sc. (Econ.) Part II (OR)—Special subjects of International Relations; and International History, Option (iv) (a); Part II (RR)—*International Institutions*, VII, 3c; XI, 6; XIII, 8a (Second Year students).

526. **Public International Law (Class).** A class will be held fortnightly in the Michaelmas and Lent Terms for students taking the Certificate in International Studies.

527. **The Economic Factor in International Relations (Seminar).** A seminar will be held weekly in the Lent Term by Professor Devons, Mr. Goodwin and Mr. Nove for students taking the Certificate in International Studies, for Foreign Service Trainees and for others interested.

FOR GRADUATE STUDENTS

528. **International Studies (Seminar).** A seminar limited to students taking the Certificate in International Studies will be held throughout the session by Dr. Northedge and Mr. G. H. Stern.

529. **Graduate Seminar.** A graduate seminar will be held throughout the session. Admission by permission of the lecturer.

530. **Problems of European Integration (Seminar).** A seminar for graduates working in this field will be held fortnightly by Mr. Day, Mr. Goodwin and Mr. Pickles, to whom application for admission should be made.

531. **Modern Weapons and International Relations (Seminar).** A seminar for graduate students will be held fortnightly throughout the session by Mr. Bull. Other students will be admitted by permission of Mr. Bull.

532. **The Politics of International Institutions.** Mr. Goodwin will hold a seminar, fortnightly, throughout the session, for graduate students. Admission will be by permission of Mr. Goodwin.

533. **Seminar for Foreign Service Trainees.** A seminar limited to Foreign Service Trainees will be held weekly throughout the session by Mr. Goodwin.

534. **Defence Problems of Commonwealth Countries.** A seminar for graduate students will be held fortnightly during the Michaelmas and Lent Terms by Mr. Watt, Mr. Austin and Mr. Howard at the Institute of Commonwealth Studies.

Reference should also be made to the following section and courses:—

International History.

No. 82.—**Monetary Policy.**

No. 100.—**International Trade.**

No. 101.—**Applied International Economics.**

No. 370.—**Public International Law.**

No. 952.—**International Trade and Balance of Payments.**

POLITICS AND PUBLIC ADMINISTRATION

Note: In the following list of lectures (RR) and (OR) denote B.Sc.(Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193 in Part II of the Calendar.

560. **British Government: an Introduction to Politics.** Professor Greaves (day), Dr. Crick (evening). Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I (RR); Optional for Diploma in Public Administration (First and Second Years).

A study of constitutional government in Britain with some reference, by way of comparison and contrast, to the experience and traditions of other countries (not excluding autocracies); to be treated as a study both of institutions and of the concepts associated with them and their interaction with changes in the social order.

The Revolution of 1688; constitutional monarchy, parliamentary supremacy, separation and balance of power, judicial independence, the rule of law, rights and liberties. Cabinet government and other forms of executive government. Representation and legislation; the House of Commons; parties, opinion, special interests and pressure groups; the House of Lords; second chambers. The expansion of administration; the civil service; departments and statutory bodies; armed forces and police; state economic and social action; discretionary power and safeguards. Local government, decentralisation, federalism. Extension of constitutional government in the Commonwealth.

Recommended reading.—Students will be given details of recommended reading shortly before or after the beginning of the course.

561. **Political Thought.** Professor Oakeshott. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II (RR)—*Political Thought*, I 1; II 1; III 2; IV 1; V 2; VI 2; VII 4; VIII 2; IX 2; X 2; XI 2; XII 2a; XIV 2.

Recommended reading will be given at the beginning of the course.

562. **English Constitutional History since 1660.** Dr. Derry. Thirty lectures, Sessional. (This course will be given in the day only in the session 1962–63.)

For B.Sc. (Econ.) Part II (OR)—Special subjects of Government, option (v) (a), Economic History (Modern), option (v) (b), and Economic History (Mediaeval), option (v) (b); Part II (RR)—*English Constitutional History since* 1660, V 8b; VI 7 and 8b; VII 3a and Intermediate LL.B. Option (d), (ii)(c).

The Restoration—relations between King, Lords, and Commons—religious issues. Ministries under Charles II. Impeachment. Ministerial responsibility. Popish Plot, Exclusion Crisis, and Royalist reaction. Habeas Corpus. Prerogative, the suspending and dispensing powers. The armed forces. James II and the Revolution of 1688. The Bill of Rights and the Act of Settlement. Toleration. William III, ministers, and party. Parliament and finance. The Cabinet in the reign of Anne. Politics in the early 18th century. The problem of the succession.

The Hanoverians. The King and the Heir Apparent and the Cabinet. Whigs and Tories. Walpole, the Premiership, and the Commons. The structure of politics.

The constitutional position of George III. His aims and motives. Ministerial instability. The executive and the legislature. Wilkes, the press, and Parliamentary privilege. The American controversy. Fox-North coalition and the election of 1784. Pitt, George III, the premiership and party in the late 18th century.

Parliamentary reform. England and the French Revolution. Radicalism and repression. Reform agitation after 1815. The 1832 Reform Bill. The electoral system 1832-1867. The reforms of 1867 and 1884. The development of party organisation. The monarchy, the premiership, and the cabinet in the 19th century. Local government. The civil service. Lords and Commons. The rise of the Labour party. The constitutional crisis of 1911. Ireland and Home Rule. Dominion status.

Recommended reading.—Reading lists will be distributed at the beginning of the course.

563. History of British Politics in the Twentieth Century. Mr. Beattie. Ten lectures of one-and-a-half hours, Michaelmas Term. (This course will be given in the day only in the session 1962–63.)

For B.Sc. (Econ.) Part II (OR)—Special Subject of Government (iv); Part II (RR)—*The Politics and Governments of the United Kingdom*, VII 6.

Syllabus and **recommended reading** will be given at the beginning of the course.

564. The Government of Great Britain. Mr. Panter-Brick and Dr. Miliband. Twelve lectures of one-and-a-half hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (OR)—Special Subject of Government (ii); Part II (RR)—*The Politics and Governments of the United Kingdom*, VII 6.

Syllabus and **recommended reading** will be given at the beginning of the course.

565. British Political Parties and the Electorate. Mr. Pickles and Mr. Pear. Eight lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*The Politics and Governments of the United Kingdom*, VII 6.

Syllabus and **recommended reading** will be given at the beginning of the course.

566. Problems of Parliament. Lecturer to be announced. Ten lectures, Lent Term, for day students.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (ii). Optional for Diploma in Public Administration (Second Year).

Syllabus.—Functions of the House of Commons. Second Chamber. Committees. Parliament and industry, foreign policy, defence, finance. Politician, expert and administrator. Representation. Public opinion. Delegated legislation. Parties.

Recommended reading.—W. I. Jennings, *Cabinet Government; Parliament;* H. R. G. Greaves, *British Constitution;* T. E. May, *Treatise on the Law, Privileges, Proceedings and Usage of Parliament;* H. J. Laski, *Reflections on the Constitution;* R. Bassett, *The Essentials of Parliamentary Democracy;* G. Wallas, *Human Nature in Politics;* H. S. Morrison, *Government and Parliament;* R. T. McKenzie, *British Political Parties;* G. F. M. Campion and others, *British Government since* 1918; G. F. M. Campion, *Parliament: A Survey.*

567. Local and Regional Government. Mr. Self. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (ii); Part II (RR)—*Local Government of England and Wales*, VII 3g; for the Diploma in Social Administration (First Year) and One-Year Course; for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; for Oversea Service Officers; Diploma in Public Administration (Second Year). Recommended for graduate students.

Syllabus.—Principles and practice of the local government system in England and Wales. Functions and areas. Political machinery and the party system in local government. Administrative organisation and efficiency. Central control. Local finance. Municipal enterprise.

The current problems of local government. Adaptations to the system and proposals for its reform. The special problems of conurbations and rural areas. Regional government and regional planning. The emergence of new authorities and new relationships. The future of local democracy.

Recommended reading.—C. H. Wilson (Ed.), *Essays on Local Government;* W. I. Jennings, *Principles of Local Government Law;* J. H. Warren, *The English Local Government System;* E. D. Simon, *A City Council from within;* W. A. Robson, *Development of Local Government; Government and Misgovernment of London;* G. D. H. Cole, *Local and Regional Government;* V. Jones, *Metropolitan Government;* P. Self, *Regionalism;* H. J. Laski and others (Eds.), *A Century of Municipal Progress;* S. E. Simon, *A Century of City Government.* Official reports, etc., will be recommended during the course. The latter part of the course will include material from the United States, Canada and other countries.

567(A). A class will be held by Mr. Woods fortnightly in the Lent Term in connexion with Course No. 567 for B.Sc. (Econ.) Part II (RR)—*Local Government of England and Wales*, VII 3g.

568. Public Administration and the Social Services. Mr. Self. Six lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government; Diploma in Public Administration; and Diploma in Economic and Social Administration.

Syllabus.—Origin and character of the welfare state, and the place of the social services in it. Organisation of the social services. Functional requirements. Specialisation and standards. Relations of administrators, experts, politicians and laymen. Role of professional organisations.

Finance of the social services. Finance, politics, and ethics. Planning and co-ordination. Social services, Parliament, and public opinion. Conclusions on administrative structure.

Recommended reading.—T. S. Simey, *Principles of Social Administration;* Lord Beveridge, *Voluntary Action;* M. P. Hall, *The Social Services of Modern England;* A. E. C. Bourdillon, *Voluntary Social Services;* Beatrice Webb, *My Apprenticeship; Our Partnership;* W. A. Robson (Ed.), *Social Security;* R. H. Tawney, *Equality;* J. S. Clarke, *Disabled Citizens; Annual Reports* of the National Assistance Board, Ministry of Health, Ministry of Education, and other Departments; *Town and Country Planning*, 1943–51 (Progress Report by the Minister of Local Government and Planning on the Work of the Ministry of Town and Country Planning, Cmd. 8204, H.M.S.O.); Annual Reports of the Arts Council, the British Council, B.B.C. and similar bodies; United Nations, IV. Social Welfare, 1950, 10, *Methods of Social Welfare Administration.*

569. Town and Country Planning: Its aims, methods and problems. Professor Wise, Mr. Self and Mr. Estall. Fifteen lectures, Lent and Summer Terms.

Syllabus.—Contemporary policies and problems in town and country planning from the standpoint of the Social Sciences. (1) The legislative and administrative framework of town and country planning, and the geographical background of population and land use. (2) Planning policies analysed: the control of urban growth, dispersal, redevelopment, control of industrial location, mineral control, rural areas. (3) A review of the theory and practice of planning. Competitive land uses; the scope of local and central planning; financial, administrative, and political aspects.

Recommended reading.—L. D. Stamp, *The Land of Britain: its Use and Misuse; Applied Geography;* W. A. Robson (Ed.), *Great Cities of the World;* P. Self, *Cities in Flood: the Problems of Urban Growth;* W. Ashworth, *The Genesis of Modern British Town Planning;* M. P. Fogarty, *Town and Country Planning;* F. J. Osborn, *Green-Belt Cities: the British Contribution;* R. E. Dickinson, *City, Region and Regionalism;* W. A. Robson, *The Government and Misgovernment of London* (2nd edn.); G. H. J. Daysh and others (Eds.), *Studies in Regional Planning; Town and Country Planning,* 1943–51 (Cmd. 8204); G. P. Wibberley, *Agriculture and Urban Growth; Reports* of the Barlow Commission, Uthwatt Committee, Scott Committee, and Reith Committee; *Report* of the Herbert Commission on Local Government in Greater London; *Annual Reports* of the New Town Corporations; *Report* of the Selection Committee on Qualifications of Planners. Other reports and plans will be discussed during the course.

570. Comparative Government. Mr. Schapiro and Mr. Wolf-Phillips. Five lectures, Michaelmas Term. (For first five weeks of term.)

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii).

Syllabus.—Significant features of foreign and Commonwealth systems of Government will be selected for comparative treatment. Details will be announced later.

Recommended reading.—References to books will be made at the beginning of the course.

571. Introduction to Political Institutions: U.S.S.R. Mr. Schapiro. Five lectures of one-and-a-half hours, Michaelmas Term. (For first five weeks of term.)

For B.Sc. (Econ.) Part II (RR)—*Comparative Political Institutions,* VII 7.

Syllabus and **recommended reading** will be given at the beginning of the course.

572. The Government of Soviet Russia. Mr. Schapiro. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii), option (d). Recommended for graduate students.

Syllabus.—The origins of communism in Russia. The development of Soviet political institutions from the Revolution to the present with emphasis upon the distribution and balance of power: the Constitution, the Communist Party, the Republics, central and local government, the judicial system, and social and economic administration. Developments since 1953.

Recommended reading.—M. Fainsod, *How Russia is ruled;* J. N. Hazard, *Law and Social Change in the U.S.S.R.;* D. J. R. Scott, *Russian Political Institutions;* J. N. Hazard, *The Soviet System of Government* (2nd edn.); L. B. Schapiro, *The Communist Party of the Soviet Union.* Students should also read and study the Soviet Constitution of 1936 and the Communist Party Statute, 1961. Further reading, including texts of documents and recent articles, will be recommended during the course.

572(A). A class will be held by Mr. Schapiro in connexion with Course No. 572.

573. Introduction to Political Institutions: France. Mr. Pickles. Five lectures of one-and-a-half hours, Lent Term. (For the first five weeks of term.)

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii); Part II (RR)—*Comparative Political Institutions,* VII 7.

Syllabus and **recommended reading** will be given at the beginning of the course.

574. The Government of Modern France. Mr. Pickles. Five lectures, Lent Term. (Beginning in the sixth week of term.)

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii).

Syllabus.—The text of the Constitution; methods of revision and of supervision. The suffrage and its use. The processes of government. The Presidency. The *Conseil d'Etat.* The judiciary and its control. The Community. Evolution, achievements and prospects of the Fifth Republic.

Recommended reading.—M. Duverger, *La Ve République;* P. Williams and M. Harrison, *De Gaulle's Republic;* D. M. Pickles, *The Fifth French Republic;* W. Pickles, *The French Constitution of October 4th,* 1958; C. J. Hamson, *Executive Discretion and Judicial Control;* M. Letourneur and V. Méric, *Le Conseil d'Etat.*

574(A). A class will be held by Mr. Pickles for five weeks in the Summer Term in connexion with Course No. 574.

575. Introduction to Political Institutions: U.S.A. Mr. Pear. Five lectures of one-and-a-half hours, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Comparative Political Institutions,* VII 7.

Syllabus and **recommended reading** will be given at the beginning of the course.

576. Comparative Study of Political Institutions. Mr. Schapiro and Mr. Wolf-Phillips. Five lectures of one-and-a-half hours, Summer Term. (Beginning in the fifth week of the Summer Term.)

For. B.Sc. (Econ.) Part II (RR)—*Comparative Political Institutions,* VII 7.

Syllabus and **recommended reading** will be given at the beginning of the course.

577. Government of the U.S.A. Mr. Pear. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii).

Syllabus.—Origins of the Federal Constitution. The Supreme Court and Judicial Review. The President and Congress. The structure of the Administration. State-Federal relationships. The Party system.

Recommended reading.—D. W. Brogan, *American Political System; An Introduction to American Politics;* C. B. Swisher, *The Growth of Constitutional Power in the U.S.;* R. E. Cushman (Ed.), *Leading Constitutional Decisions;* E. S. Corwin, *The Twilight of the Supreme Court;* V. O. Key, *Politics, Parties, and Pressure Groups;* H. Pritchett, *The Roosevelt Court; The Vinson Court;* R. E. Cushman, *The Independent Regulatory Commissions;* S. Lubell, *Future of American Politics;* M. Josephson, *The President Makers;* H. J. Laski, *The American Democracy;* R. A. Young, *The American Congress;* R. E. Neustadt, *Presidential Power;* T. H. White, *The Making of the President*, 1960.

578. Government in New and Emergent States. Dr. Mair and Mr. Panter-Brick. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii), Option (e); Part II (RR)—*The Politics and Government of a Foreign or Commonwealth Country*, VII 8c. Oversea Service Officers; Diploma in Economic and Social Administration; and for Diploma in Social Administration (Overseas Option) (First Year).

Syllabus.—The political expression of national unity and the purpose of state authority. The problem of minorities and their representation; federal arrangements; rights and liberties. Responsibility and accountability at various levels of authority. The functioning of political parties and other organisations such as trade unions. Elections. The civil service. Public enterprise. Relations with other States. Illustrations will be drawn from Ghana, Kenya and the French Community.

Recommended reading.—Hansard Society, *Problems of Parliamentary Government in West Africa;* T. L. Hodgkin, *Nationalism in Colonial Africa and African Political Parties;* K. Nkrumah, *Ghana;* W. J. M. Mackenzie, *Free Elections;* W. J. M. Mackenzie and K. E. Robinson, *Five Elections in Africa;* V. Thomson and R. Adloff, *French West Africa;* K. E. Robinson, "Political Developments in French West Africa" in C. Stillman (Ed.), *Africa in the Modern World;* G. Bennett and C. G. Rosberg, *The Kenyatta Election.*

579. Commonwealth Governments (Canada, New Zealand, Australia and South Africa). Mr. Thorp. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (iii), option (b). Recommended for graduate students.

Syllabus.—The formation of representative and responsible government; parties and politics; federalism and its problems; problems of race and nationality; the Statute of Westminster and Dominion Status.

Recommended reading.—S. D. Bailey (Ed.), *Parliamentary Government in the Commonwealth;* H. Belshaw (Ed.), *New Zealand;* A. Brady, *Democracy in the Dominions* (1952 edn.); G. W. Brown (Ed.), *Canada;* R. Coupland (Ed.), *The Durham Report;* R. M. Dawson, *The Government of Canada* (1954 edn.); P. Knaplund, *Britain, Commonwealth and Empire*, 1901–55; P. N. S. Mansergh, *Survey of British Commonwealth Affairs*, Vol. 4: *Problems of Wartime Co-operation and Post-War Change*, 1939–1952; L. Marquard, *The Peoples and Policies of South Africa* (2nd edn.); J. D. B. Miller, *Australian Government and Politics* (2nd edn.); S. Patterson, *The Last Trek;* J. D. Pringle, *Australian Accent;* Royal Insitute of International Affairs, *Survey of British Commonwealth Affairs*, Vol. I. *Problems of Nationality*, by W. K. Hancock; L. Webb, *Government in New Zealand;* K. C. Wheare, *The Statute of Westminster and Dominion Status* (5th edn.); H. J. Harvey, *Consultation and Co-operation in the Commonwealth;* S. A. de Smith, *The Vocabulary of Commonwealth Relations;* A. F. B. Williams (Ed.), *The Selborne Memorandum;* K. C. Wheare, *Federal Government; The Constitutional Structure of the Commonwealth;* L. Lipson, *The Politics of Equality;* G. M. Carter, *The Politics of Inequality.*

579 (A). Commonwealth Governments (Canada, New Zealand, Australia and South Africa) (Class). Ten classes will be held in the Lent Term to follow the lectures in Course No. 579.

580. The Government of Canada. Mr. McKenzie. Five lectures, Summer Term.

For graduate students; open to undergraduates.

Syllabus.—The struggle for representative and responsible government; the British North America Act, 1867; the forms of government in Canada; dominion-provincial relations; Canada's external relations.

Recommended reading.—A. Brady, *Democracy in the Dominions;* J. B. Brebner, *The North Atlantic Triangle;* H. L. Brittain, *Local Government in Canada;* G. W. Brown (Ed.), *Canada; The Canada Year Book* (Dominion Bureau of Statistics); H. McD. Clokie, *Canadian Government and Politics;* R. Coupland (Ed.), *The Durham Report;* D. G. Creighton, *Dominion of the North;* R. M. Dawson, *Constitutional Issues in Canada*, 1900–1931; *The Development of Dominion Status*, 1900–1936; *The Government of Canada;* P. Gérin-Lajoie, *Constitutional Amendment in Canada;* G. Hambleton, *Everyman's Guide to Canada's Parliament;* A. D. P. Heeny, *Cabinet Government in Canada;* H. L. Keenlyside, *Canada and the United States;* W. P. McC. Kennedy. *The Constitution of Canada; Statutes, Treaties and Documents of the Canadian Constitution*, 1713–1929; A. R. M. Lower, *Colony to Nation;* Chester Martin. *Empire and Commonwealth;* E. McInnes, *Canada: a Political and Social History;* W. B. Munro, *American Influences on Canadian Government; Report* of the Royal Commission on Dominion Provincial Relations; *Report* of the Royal Commission on National Development in the Arts, Letters and Sciences; M. Wade, *The French Canadians;* N. Ward, *The Canadian House of Commons; Representation.*

581. Politics and Government of France. Mr. Pickles. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR)—*The Politics and Government of a Foreign Country*, VII 8c.

Syllabus and **recommended reading** will be given at the beginning of the course.

582. Politics and Government of the U.S.A. Mr. Pear. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR)—*The Politics and Government of a Foreign Country*, VII 8c.

Syllabus and **recommended reading** will be given at the beginning of the course.

583. Politics and Government of Russia. Mr. Schapiro. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR)—*The Politics and Government of a Foreign Country*, VII 8c.

Syllabus and **recommended reading** will be given at the beginning of the course.

584. Politics and Government of the Middle East. Mr. Kedourie. Ten lectures, Michaelmas Term.

For graduate students; and other students interested in the subject.

Syllabus.—Islamic political thought and traditions of government. The breakdown of the old order. The Ottoman Reform and its outcome: society and government in the Ottoman Empire and Egypt in the nineteenth century. Islamic Reform. Nationalism, Muslims and non-Muslims. The Persian Revolution, 1906 and The Young Turk Revolution, 1908–9. The destruction of the Ottoman Empire. The successor states. Constitutionalism and authoritarianism. Panarabism and Zionism. The state of Israel and its politics.

Recommended reading.—C. C. Adams, *Islam and Modernism in Egypt;* Antiochus, (pseud.) "Europe and the Middle East" (*The Cambridge Journal*, 1952); G. Antonius, *The Arab Awakening;* T. W. Arnold, *The Caliphate;* M. H. Bernstein, *The Politics of Israel;* E. G. Browne, *The Persian Revolution;* C. N. E. Eliot, *Turkey in Europe;* H. W. G. Glidden, "Arab Unity: Ideal and Reality" in J. Kritzeck and B. Winder (Eds.), *The World of Islam;* S. G. Haim, *Arab Nationalism;* A. Hirtzberg, *The Zionist Idea;* J. C. Hurewitz, *The Struggle for Palestine;* K. Karpat, *Turkey's Politics;* E. Kedourie, *England and the Middle East*, and "Reflexions sur le Royaume d'Iraq 1921–1958" (*Orient*, 1959); A. K. S. Lambton, *Islamic Society in Persia;* W. Z. Laquer (Ed.), *The Middle East in Transition;* B. Lewis, *The Emergence of Modern Turkey;* A. H. Lyber, *The Government of the Ottoman Empire in the time of Suleiman the Magnificent;* R. Montagne, "'The Modern State' in Africa and Asia" (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks;* P. Rondot, *Les Institutions Politiques du Liban;* E. I. J. Rosenthal, *Political Thought in Medieval Islam;* D. de Santillana, "Law and Society" in *The Legacy of Islam;* G. E. von Grunebaum, *Islam*, and "Problems of Muslim Nationalism" in R. N. Frye (Ed.), *Islam and the West;* D. Warriner, *Land and Poverty in the Middle East;* J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. I, Ch. 2).

585. The Politics of European Integration. Mr. Pickles. Five lectures, Michaelmas Term.

For graduate students; open to undergraduates.

Syllabus.—History and pre-history of the movement and the problems they reveal:—What is Europe? Does it exist? Successive phases of the modern movement:— integration through pressure of public opinion, through functional technocracy, through political pseudo-federalism, through economic quasi-federalism. Analysis and critique of the political assumptions, explicit and implicit, of each of these phases.

Recommended reading.—M. C. Hollis, *Europe Unites* (for the European Movement); M. Beloff, *Europe and the Europeans; European Coal and Steel Community, Ad Hoc Assembly . . . Draft Treaty . . .European Political Community*, 1953 (*Draft Treaty embodying the Statute of the European Community presented to the Assembly* (*Document* 12) 1953); Comité Intergouvernemental crée par la Conférence de Messine, 1956 (Rapport des Chefs de Délégation aux Ministres des Affaires Etrangères; R. Regul, *Die Montan-Gemeinschaft und das Problem der Teilintegration; Revue d'Economie Politique*, Jan.-Feb. 1958, (special number on the Common Market); *Fondation Nationale des Sciences Politiques*, Cahiers 41: La Communauté Européenne du Charbon et de l'Acier (Institut des Relations Internationales); J. de Soto, *La C.E.C.A.;* J. Deniau, *Le Marché Commun;* U. W. Kitzinger, *The Challenge of the Common Market;* W. Pickles, *Not with Europe;* Campbell and Thompson, *The Law of the Common Market.*

586. Political and Social Theory. Professor Smellie and Mr. Cranston. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government; optional for Special subject of International Relations; B.A. Honours in History (First Year); optional for Diploma in Personnel Management and for Diploma in Public Administration (First and Second Years).

Syllabus.—The place of the individual citizen in the modern community. The basis of political and social obligation. The criteria of values. The theory of rights. Philosophies of freedom and constitutional government. Criticism of constitutional government, and of democracy and freedom. Limitations upon individual right and governmental right. Nations and nationalism. Political power and ethical obligation. Political power and economic organisation. The ethical and related problems arising from the contact of advanced and primitive societies. The concepts of civilisation and progress. The sociological approach to political and social philosophy. Philosophic analysis of the structure of a modern community. Significance of history in political and social philosophy.

Recommended reading.—E. F. Carritt, *Morals and Politics;* H. J. Laski, *A Grammar of Politics;* L. T. Hobhouse, *Elements of Social Justice;* F. A. Hayek, *The Road to Serfdom;* R. C. Ewing, *The Individual, the State and World Government;* J. D. Mabbott, *The State and the Citizen;* E. Barker, *Principles of Social and Political Theory;* S. Benn and R. S. Peters, *Social Principles and the Democratic State;* K. R. Popper, *The Open Society and its Enemies;* T. H. Green, *Lectures on the Principles of Political Obligation;* M. Cranston, *Freedom;* H. B. Acton, *The Illusion of the Epoch;* G. C. Field, *Political Theory;* P. Laslett, *Philosophy, Politics and Society;* H. R. G. Greaves, *The Foundations of Political Theory.*

586(A). Political and Social Theory (Discussion Class). Mr. Cranston. Ten classes, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government.

587. Political Philosophy. Professor Smellie and Mr. Cranston. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR)—*Political Philosophy*, VII 8a; XI 7 and 8 i (i).

Philosophy: its nature and methods, and its place in the study of politics. The origins and grounds of moral judgments. Authority and power. Compulsion, persuasion and consent. Responsibility and punishment. Political obligation. Organic and individualistic theories of political society. Concepts of nature and of reason. Natural Law and Natural Rights. The definition of freedom. Social change and the problem of determinism. Positive and normative laws in political science. Property and distributive justice. The principle of equality. Conflicts of tradition and progress. Theoretical foundations of democratic and non-democratic political orders.

Recommended reading will be given at the beginning of the course.

588. Contemporary Political Thought. Professor Greaves. Twenty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR)—*Contemporary Political Thought*, VII 8b; XI 7 and 8 i (ii).

Syllabus.—The European political thinking that has followed upon the rise of popular politics and the growth of industrial society. The part played in this thinking by increased knowledge of the natural world and its technological applications, and by the belief in the existence of laws of history. It thus covers the period from the French, and the industrial, revolutions to the present day.

Recommended reading.—Texts: J. Bentham, *Introduction to the Principles of Morals and Legislation;* G. W. F. Hegel, *The Philosophy of Right* (Trans. T. M. Knox); S. T. Coleridge, *Second Lay Sermon;* St. Simon, Selected Writings (Blackwell); K. Marx, *The Communist Manifesto* (Introduction by Laski); K. Marx, *Criticism of Political Economy;* J. S. Mill, *On Liberty;* J. S. Mill, *Representative Government;* T. H. Green, *Lectures on the Principles of Political Obligation;* C. Sorel, *Reflections on Violence;* V. I. Lenin, *What is to be Done?;* V. I. Lenin, *The State and Revolution.*

General Reading or for Rererence: 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'Idee de l'Etat;* J. Talmon, *Political Messianism;* R. H. Tawney, *Acquisitive Society;* A. V. Dicey, *Lectures on the relation between Law and Public Opinion in the Nineteenth Century;* R. H. Soltau, *French Political Thought in the Nineteenth Century;* G. de Ruggiero, *The History of European Liberalism;* B. Croce, *History as the Story of Liberty;* W. Bagehot, *Physics and Politics;* M. Arnold, *Culture and Anarchy;* R. Williams, *Culture and Society* 1750–1950; E. Wilson, *To the Finland Station;* L. T. Hobhouse, *Elements of Social Justice;* G. Wallas, *Human Nature in Politics;* Fabian Essays (Introduction by Asa Briggs); E. Kedourie, *Nationalism;* H. R. G. Greaves, *Foundations of Political Theory;* H. J. Laski, *Grammar of Politics* (Ch. 7).

589. Political Thought of the Ancient World. Dr. Sharp. Twenty lecture-classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (i).

TEXTS: Plato, *The Republic* (trans. F. M. Cornford); *Laws* (trans. A. E. Taylor); Aristotle, *Politics* (trans. E. Barker); Thucydides, *History of the Peloponnesian War*, Bk. I, and the *Speeches* (World's Classics edn.); Cicero, *Republic* and *Laws* (trans. C. W. Keyes); St. Augustine, *City of God*, Books I–V and XIX (Everyman edn.).

GENERAL: Aristotle, *Nichomachean Ethics;* Lactantius, *Divine Institutes*, Bk. V; G. Glotz, *The Greek City;* M. Bowra, *The Greek Experience;* W. W. Tarn, *Hellenistic Civilization* (2nd edn.); L. Homo, *Roman Political Institutions;* C. J. Cadoux, *The Early Church and the World;* C. N. Cochrane, *Christianity and Classical Culture;* E. Barker, *From Alexander to Constantine;* A. J. Carlyle, *A History of Mediaeval Political Theory in the West*, Vol. I; S. Dill, *Roman Society in the Last Century of the Western Empire.*

590. Political Thought of the Mediaeval World. Dr. Sharp. Twenty lecture-classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Government (i) and Economic History (Mediaeval).

TEXTS: John of Salisbury, *Policraticus* (trans. J. Dickinson); St. Thomas Aquinas, *Selected Political Writings* (Ed., A. P. d'Entrèves); Dante, *De Monarchia* (trans. P. H. Wicksteed).

GENERAL: Marsilius of Padua, *Defensor Pacis* (trans. A. Gewirth); Sir John Fortescue, *Governance of England* (Ed., Plummer); C. N. S. Woolf, *Bartolus of Sassoferrato;* H. Bettenson, *Documents of the Christian Church* (2nd edn.); R. W. and A. J. Carlyle, *History of Medieval Theory in the West;* A. P. d'Entrèves, *Medieval Contribution to Political Thought;* O. F. von Gierke, *Political Theories of the Middle Age;* G. de Lagarde, *La Naissance de l'Esprit laïque*, Vols. I and II (2nd edn.); E. Troeltsch, *Social Teaching of the Christian Churches*, Vol. I; W. Ullmann, *Principles of Government and Politics in the Middle Ages;* E. Lewis, *Mediaeval Political Ideas* (2 vols.); T. Gilby, *Principality and Polity.*

591. The History of Political Thought: The Seventeenth Century. Mr. Minogue. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (i).

TEXTS: T. Hobbes, *Leviathan;* A. G. Wernham, *Spinoza: The Political Works;* J. Locke, *Second Treatise on Government;* S. Puffendorf, *Of the Law of Nature and Nations* (Books II, VII and X); A. S. P. Woodhouse (Ed.), *Puritanism and Liberty.*

FOR REFERENCE: H. Grotius, *On the Rights of War and Peace* (Trans. Whewell, Books I and II); S. Puffendorf, *The Whole Duty of Man According to the Law of Nature;* R. Filmer, *Patriarcha;* J. Harrington, *Oceana;* J. B. Bossuet, *Politique Tirée des Propres Paroles de l'Ecriture-Sainte;* F. de Fénelon, *Télémaque;* C. de St. Pierre, *Abrégé du Project de Paix Perpetuelle;* Halifax, *Works* (Ed., Raleigh).

GENERAL: G. C. Robertson, *Hobbes;* L. Strauss, *The Political Philosophy of Hobbes;* J. H. Warrender, *The Political Philosophy of Hobbes;* F. Pollock, *Spinoza: his Life and Philosophy;* G. P. Gooch, *English Democratic Ideas in the 17th Century;* T. Pease, *The Leveller Movement;* H. C. Foxcroft, *A Character of the Trimmer: being a short life of the first Marquis of Halifax;* Von Leyden (Ed.), *Locke's Essays on the Law of Nature;* S. P. Lamprecht, *The Moral and Political Philosophy of John Locke;* H. F. R. Smith, *Harrington and his Oceana;* P. Zagorin, *A History of Political Thought in the English Revolution;* J. W. Allen, *English Political Thought* 1603–1660, Vol. 1; Sir C. H. Firth, *Oliver Cromwell and the Rule of the Puritans in England;* W. K. Jordan, *The Development of Religious Toleration in England*, 1640–1660; R. W. Meyer, *Leibnitz and the Seventeenth-Century Revolution;* H. Séc, *Les Idées Politiques en France au XVIIe Siècle;* J. A. Passmore, *Ralph Cudworth.*

591(A). A class will be held by Mr. Minogue in the Lent Term in connexion with Course No. 591.

592. The History of English Political Thought: The Eighteenth Century. Professor Smellie and Mr. Minogue. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (i).

Syllabus.—The course is designed to give a background and an introduction to the ideas of Butler, Hume, Burke, Adam Smith, Jeremy Bentham, Tom Paine and William Godwin. It will include the influence of Locke, the idea of nature from Locke to Wordsworth, the principle of association and the principle of utility, the growth of philosophical radicalism and the foundations of Liberalism.

TEXTS: D. Defoe, *Robinson Crusoe;* J. Swift, *Gulliver's Travels* (see C. H. Firth, "The Political Significance of Gulliver's Travels", in *Essays historical and literary);* Bolingbroke, *Dissertation upon Parties;* D. Hume, *Essays; Theory of Politics* (ed. Watkins); Adam Smith, *Wealth of Nations*, Book 4; J. Bentham, *Fragment on Government; Theory of Legislation*, Pt. I; T. Paine, *Political Writings;* E. Burke, *Works* (6 vols. World's Classics edn.); *Reflections on the Revolution in France;* W. Godwin, *An Enquiry concerning Political Justice;* M. Wollstonecraft, *A Vindication of the Rights of Women.*

GENERAL: L. Stephen, *History of English Thought in the Eighteenth Century;* E. Halévy, *The Growth of Philosophic Radicalism;* B. Willey, *The Eighteenth Century Background;* H. J. Laski, *Political Thought from Locke to Bentham;* H. N. Brailsford, *Shelley, Godwin and their Circle;* G. E. Bryson, *Man and Society;* E. Cassirer, *Philosophy of the Enlightenment* (translated 1951); P. Hazard, *European Thought in the Eighteenth Century;* C. Becker, *The Heavenly City of the Eighteenth-Century Philosophers;* J. A. Passmore, *Hume's Intentions;* J. L. Clifford (Ed.), *Eighteenth Century English Literature.*

592(A) A class will be held by Mr. Minogue in the Lent Term in connexion with Course No. 592.

593. The History of French Political Thought: The Eighteenth Century. Mr. Pickles. Seven lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (i).

Syllabus.—Seventeenth century absolutism and the beginnings of social criticism. Religious controversy and the growth of scientific thought. Montesquieu and the critique of arbitrary rule. Voltaire and freedom of thought. Diderot, d'Alembert and the doctrines of rationalism. Rousseau. Eighteenth century "socialism": equalitarianism, the attack on property and the reaction. Summary of the ideas of the eighteenth century: materialism, atheism and deism; civil liberties and democracy; equality; cosmopolitanism—and their culmination in Condorcet and the idea of progress.

Recommended reading.—F. A. Lange, *The History of Materialism;* E. Halévy, *La Formation du Radicalisme Philosophique;* M. Roustan, *Les Philosophes et la Société Française au 18e siècle;* M. Leroy, *Histoire des Idées Sociales en France;* P. G. M. C. Hazard, *La Pensée Européenne au 18e siècle;* B. K. Martin, *French Liberal Thought in the 18th Century;* H. Sée, *Les Idées Politiques en France au 18e siècle.*

594. Politics and Political Thought in the Era of the American Revolution. Dr. Crick. Six lectures, Lent Term.

For graduate students; open to undergraduates.

Syllabus.—The American "Revolution" seen as an event in English political thought and politics, as the Whig culmination of 1646 and 1688. The reality and consequences

of the attempt of Whiggery to achieve a classless isolation in America will be considered: the Imperial Constitution in the 1760's and 1770's; Politics on the eve of the Revolution; the Declaration of Independence; Burke on Conciliation; the Federal Constitutional Convention of 1787; the contrast and effect of the French Revolution.

Recommended reading.—M. Beloff (Ed.), *The Debate on the American Revolution;* S. E. Morison, *Sources and Documents illustrating the American Revolution;* C. H. McIlwain, *The American Revolution; a Constitutional Interpretation;* G. H. Gutteridge, *English Whiggism and the American Revolution;* C. R. Ritcheson, *British Politics and the American Revolution;* L. B. Namier, *England in the Age of the American Revolution;* C. L. Becker, *The Declaration of Independence;* M. Farrand (Ed.), *The Records of the Federal Convention of* 1787; R. Coupland, *The American Revolution and the British Empire;* L. H. Gipson, *The Coming of the Revolution.*

595. European Political Thought, 1800 to 1880. Professor Greaves. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (i).

TEXTS: G. W. F. Hegel, *Grundlinien der Philosophie des Rechts* (trans. Knox); S. T. Coleridge, *Second Lay Sermon; On the Constitution of the Church and State; The Friend, Part III: Principles of Political Knowledge;* James Mill, *Essay on Government;* J. S. Mill, *On Liberty;* A. de Tocqueville, *Souvenirs* (trans. ed. by Mayer); P. J. Proudhon, *Principe Fédératif;* K. Marx, *Manifesto of the Communist Party; Critique of the Gotha Programme;* F. Engels, *Anti-Dühring.*

FOR REFERENCE: W. von Humboldt, *Ideen zu einem Versuch, die Grenzen der Wirksamkeit des Staats zu bestimmen* (trans. J. Couthard, *Sphere and Duties of Government*); C. H. de St. Simon, *Selected Writings* (trans. Markham); A. Comte, *Cours de Philosophie Positive;* J. S. Mill, *Representative Government; Essays on Bentham and Coleridge;* W. Bagehot, *Physics and Politics;* M. Arnold, *Culture and Anarchy;* H. Spencer, *Man Versus the State;* H. Michel, *Idée de l'Etat;* J. F. Stephen, *Liberty, Equality, Fraternity;* A. V. Dicey, *Law and Public Opinion in England;* G. de Ruggiero, *European Liberalism;* M. Leroy, *Histoire des Idées Sociales en France,* Vols. II and III; H. J. Laski, *Studies in the Problem of Sovereignty; Authority in the Modern State;* R. H. Soltau, *French Political Thought in the Nineteenth Century.*

595 (A). A class will be arranged in connexion with Course No. 595 in the Lent Term.

596. The History of English Political Thought, 1850 to the Present Day. Professor Smellie and Mr. Kedourie. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (i).

TEXTS: T. H. Green, *Lectures on the Principles of Political Obligation;* B. Bosanquet, *Philosophical Theory of the State;* L. T. Hobhouse, *The Elements of Social Justice;* Fabian Essays: 1st Series; Lord Acton, *History of Freedom,* IX, *Nationality;* V. I. O. Lenin, *The State and Revolution;* H. J. Laski, *A Grammar of Politics,* Chap. 7.

GENERAL: M. Arnold, *Culture and Anarchy;* W. Bagehot, *Physics and Politics;* H. W. B. Joseph, *The Concept of Evolution* (The Herbert Spencer Lecture, 1924); G. E. Moore, *Principia Ethica;* T. D. Weldon, *The Vocabulary of Politics;* J. I. Murdoch, " Metaphysics and Ethics " in D. F. Pears (Ed.), *The Nature of Metaphysics;* F. H. Bradley, *Ethical Studies;* G. L. Dickinson, *A Modern Symposium;* Graham Wallas, *Human Nature in Politics;* R. G. Collingwood, *The New Leviathan;* H. B. Acton, *The Illusion of the Epoch;* J. A. Schumpeter, *Capitalism, Socialism and Democracy;* H. R. G. Greaves, *The Foundations of Political Theory;* E. Kedourie, *Nationalism.*

596 (A). A class will be arranged in connexion with Course No. 596 in the Michaelmas and Lent Terms.

597. History of French Political Thought: Nineteenth and Twentieth Centuries. Dr. Miliband. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Government (i).

Syllabus and **recommended reading** will be given at the beginning of the course.

598. The History of Continental Socialist Thought. Mr. Pickles. Fifteen lectures, Michaelmas and Lent Terms.

For graduate students; open to undergraduates.

Syllabus.—The approach to Socialism in the seventeenth and eighteenth centuries. Babeuf. Saint-Simon and Saint-Simoniens. Fourier, Considérant and the Fouriéristes. French Christian collectivism culminating in Louis Blanc; Colins. Derivative character of German Socialism; Weitling, Young Germany, Grün, Hess. Proudhon. Proletarian Socialism in France; Blanqui. Marx. The impact of Marxism in Germany, France. From Lassalle to Bernstein; phases of the revisionist controversy; Landauer. Belgium. Guesde and Jaurès in France; reformism *v.* revolution. Lenin, Trotsky and Stalin. Neo-socialism, Blum and the evolution of the Jaurès tradition.

Recommended reading.—T. Kirkup, *A History of Socialism;* F. Mehring, *Die deutsche Socialdemokratie;* B. Malon, *Histoire du Socialisme;* A. Gray, *The Socialist Tradition;* G. D. H. Cole, *History of Socialism,* Vols. I and II. In preference to the many studies of individual socialist writers, read rather some of the principal works of the authors named above, especially P. Buonarroti, *Conspiration pour l'Egalité, dite de Babeuf; Doctrine de Saint-Simon* (Rivière edition); V. Considérant, *Manifeste de l'école sociétaire;* J. J. L. Blanc, *Organisation du Travail;* P. J. Proudhon, *Le principe fédératif;* K. Marx and F. Engels, *Manifesto of the Communist Party;* E. Bernstein, *Die Voraussetzungen des Sozialismus;* J. Jaurès, *Œuvres Choisies* (Penguin); L. Blum, *Pour Etre Socialiste; A l'Echelle Humaine.*

599. Russian Political Thought. Dr. Utechin. Ten lectures, Lent Term.

For graduate students; open to undergraduates.

Syllabus and **recommended reading** will be given at the beginning of the course.

Trade Union Studies

615. The Political History of Trade Unions. Professor Roberts. Ten lectures, Michaelmas Term. (This course will not be given in the session 1962–63.)

For students attending the Trade Union Studies course, the Diploma in Personnel Management, and for graduate students.

Syllabus.—The course will cover selected aspects of trade union developments from the foundation of the T.U.C. to the present day.

Recommended reading.—B. C. Roberts, *The Trades Union Congress,* 1868–1921; W. J. Davis, *History and Recollections of the T.U.C.* (2 Vols.); S. and B. Webb, *A History of Trade Unionism;* R. Postgate, *The Builders History;* G. D. H. Cole, *Short History of the Working Class; History of the Labour Party;* H. M. Pelling, *The Origins of the Labour Party,* 1880–1900; W. H. Crook, *The General Strike;* R. C. K. Ensor, *England,* 1870–1914; E. Halévy, *A History of the English People—Epilogue,* Vol. I, 1895–1905, Vol. II, 1905–1915; J. B. Jefferys, *The Story of the Engineers; Annual Reports* of the Trades Union Congress.

616. Trade Unions in Britain. Professor Roberts. Ten lectures, Michaelmas Term.

For students attending the Trade Union Studies course and the Diploma in Personnel Management. Also for B.Sc. (Econ.) Part II (OR)—Special subject of Industry and Trade (iii); Part II (RR)—*Labour, including Law of Labour and Social Insurance*, III 6a.

Syllabus.—Trade union growth; why workers join unions; trade union structure and government. The policy and practice of unions; collective bargaining; the use of the strike; non-wage issues. Trade unions and politics.

Recommended reading.—S. and B. Webb, *A History of Trade Unionism; Industrial Democracy;* W. Milne-Bailey (Ed.), *Trade Union Documents;* W. Milne-Bailey, *Trade Unions and the State;* G. D. H. Cole and others, *British Trade Unionism Today;* United Kingdom, Ministry of Labour, *Industrial Relations Handbook* (1953 edn.); T.U.C. Report, *Structure and Closer Unity* (1947); Political and Economic Planning, *British Trade Unionism;* N. I. Barou, *British Trade Unions;* J. D. M. Bell, *Industrial Unionism: A Critical Analysis;* J. Goldstein, *The Government of British Trade Unions;* G. D. H. Cole, *Introduction to Trade Unionism;* A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain;* G. Cyriax and R. Oakeshott, *The Bargainers;* J. H. Richardson, *Introduction to Industrial Relations;* B. C. Roberts, *Trade Union Government and Administration in Great Britain; Trade Unions in a Free Society;* B. C. Roberts (Ed.), *Industrial Relations: Contemporary Problems and Perspectives.*

FOR GRADUATE STUDENTS

617. Comparative Industrial Relations. Professor Roberts. Fifteen lectures, Lent and Summer Terms.

For graduate students; suitable for students attending the Trade Union Studies course and the Diploma in Personnel Management.

Syllabus.—Some aspects of the development of industrial relations in the U.S.S.R., U.S.A., the British Commonwealth and Europe. The development of trade union organisation, functions and methods of collective bargaining. The rôle of the state with reference to wage determination and the settlement of industrial conflicts. The pattern of industrial relations at the plant level.

Recommended reading.—I. Deutscher, *Soviet Trade Unions;* G. R. Barker, *Some Problems of Incentives and Labour Productivity in Soviet Industry;* J. R. Commons and others, *History of Labour in the United States;* F. R. Dulles, *Labor in America;* H. W. Davey, *Contemporary Collective Bargaining;* H. A. Millis and E. C. Brown, *From the Wagner Act to Taft-Hartley;* A. E. C. Hare, *Report on Industrial Relations in New Zealand;* W. Galenson (Ed.), *Comparative Labor Movements;* International Labour Office, 1950, *Labour-Management Co-operation in France;* H. J. Spiro, *The Politics of German Co-determination;* K. F. Walker, *Industrial Relations in Australia; Political Quarterly*, Special numbers, "Trade Union Problems", January 1956, and "Employers and Labour Problems", July 1956; B. C. Roberts, *National Wages Policy in War and Peace;* A. F. Sturmthal, *Contemporary Collective Bargaining in Seven Countries.*

618. Trade Unionism in France. Mr. Pickles. Five lectures, Lent Term.

For graduate students; and for students attending the Trade Union Studies course.

Syllabus.—Origins and special characteristics of French Trades Unionism. *Bourses du Travail* and *C.G.T.* Syndicalist trends and the drift from them. Communist and Christian Trades Unions. Agricultural and Professional bodies. Trades Unions during the Second World War. Problems of French Trades Unionism.

Recommended reading.—E. Dolléans, *Histoire du Mouvement Ouvrier;* F. Pelloutier, *Histoire des Bourses du Travail;* R. Millet, *Léon Jouhaux et la C.G.T.;* J. Montreuil, *Histoire du Mouvement Ouvrier* D. J. Saposs, *Labour in Post-War France;* H. W. Ehrmann, *French Labor: from Popular Front to Liberation;* G. Lefranc, *Les expériences syndicales en France de 1939 à 1950;* V. R. Lorwin, *The French Labour Movement.*

619. Industrial Relations (Seminar). Professor Roberts, Miss Seear and Mr. Thurley will hold a seminar in the Lent Term for the Diploma in Personnel Management, graduate students, and students attending the Trade Union Studies course.

620. Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar). Professor Roberts and Mr. J. H. Smith.

For graduate students and oversea students attending non-degree courses.

Reference should also be made to the following section and courses:—

International Relations.

No. 50.—**The Economics of Public Finance.**
No. 60.—**The Economics of the Labour Market.**
No. 368.—**Administrative Law.**
No. 530.—**Problems of European Integration (Seminar).**
No. 562.—**English Constitutional History since 1660.**
No. 665.—**Current Problems in the Middle East and North Africa (Seminar).**
No. 920.—**Elementary Statistical Methods.**

SEMINARS

625. Political Theory. Mr. Kedourie, Mr. Thorp and Mr. Minogue will hold a seminar for graduate students, beginning in the second week of the Michaelmas Term.

626. Problems of Contemporary Socialism. Dr. Miliband will hold a seminar in the Lent Term for graduate students in the departments of Government and of Sociology. Other graduate students will, however, be welcome.

The seminar will study some problems of socialist theory and practice in Western societies, the Communist bloc, countries recently freed from colonial rule, and colonial countries. Admission by permission of Dr. Miliband.

627. Soviet Problems. Mr. Schapiro will hold a weekly seminar on current political problems and on historical questions in the Soviet and Communist orbit during the Michaelmas and Lent Terms for graduates working under his supervision. Others may attend by invitation only.

628. Parties, Pressure Groups and the Political Process. A seminar will be held weekly during the Lent and Summer Terms by Mr. McKenzie and Mr. Pear for graduate students specialising in Sociology or in Government. Undergraduates may be admitted by permission.

The seminar will be devoted primarily to a study of the structure and functioning of the major political parties and interest groups in this country and to the study of political behaviour. There will also be some discussion of comparative material from the United States and other countries. Members of Parliament and officials of the various party organisations will be invited to address the seminar.

629. Seminar. A seminar will be held for graduate students on a subject to be arranged, by Professor Greaves, in the Michaelmas and Lent Terms.

630. The Conditions of Political Rule. Dr. Crick will hold a fortnightly seminar in the Michaelmas and Lent Terms to consider some theories and instances of the origins and conditions of political rule. Students from other departments may attend, and second and third year undergraduates in Government by permission.

631. Comparative Local Government and Planning (Seminar). A seminar for graduate students will be held in the Michaelmas Term by Mr. Self.

632. Government in New and Emergent States. A seminar will be held for graduate students by Dr. Mair and Mr. Panter-Brick.

SOCIOLOGICAL STUDIES

ANTHROPOLOGY

Note: In the following list of lectures (RR) and (OR) denote revised regulations and old regulations respectively. For the lecture courses which are relevant to examination papers see the regulations in Part II of the Calendar.

B.Sc. (Econ.) (OR)	pp. 185–193
(RR)	pp. 176–183
B.A. Honours in Anthropology	p. 196
B.A./B.Sc. (Sociology)	pp. 198–9

(a) General.

640. Introduction to Social Anthropology. Professor Schapera. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option I and Option II (First Year only); for B.Sc. (Econ.) Part I (RR)—Alternative subject of Principles and Methods of Social Anthropology; for B.Sc. (Econ.) Part II (OR) and (RR) (Second Year students)—Special subject of Social Anthropology; for students taking Social Anthropology as subsidiary or ancillary to a first degree; for the Academic Postgraduate Diploma in Anthropology (First Year); and Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course. First Year students for the Diploma in Social Administration may also attend.

Syllabus.—Scope and methods of social anthropology; theories of culture and society; analysis of social structure and organisation in primitive communities. Occupational and other associations; stratified groups; kinship organisation and terminology; types of family structure; lineage and clan. Marriage and other institutions associated with kinship. Economic organisation; land tenure and property rights. Political organisation. Law and custom. Moral rules; ritual and belief in relation to social structure.

Recommended reading.—BASIC: E. E. Evans-Pritchard *et al.*, *The Institutions of Primitive Society;* R. W. Firth, *Human Types;* C. D. Forde, *Habitat, Economy, and Society;* G. D. Mitchell, *Sociology*.

SUPPLEMENTARY: E. E. Evans-Pritchard, *Social Anthropology;* M. Ginsberg, *Sociology;* M. Gluckman, *Custom and Conflict in Africa;* R. Linton, *The Study of Man;* R. H. Lowie, *Social Organization;* L. P. Mair, *Primitive Government;* B. Malinowski, *Crime and Custom in Savage Society;* A. R. Radcliffe-Brown, *Structure and Function in Primitive Society;* I. Schapera, *Government and Politics in Tribal Societies*.

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

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option I and Option II (First Year only); for B.Sc. (Econ.) Part I (RR)—Alternative subject of Principles and Methods of Social Anthropology; for B.Sc. (Econ.) Part II (OR) and (RR) (Second Year students)—Special subject of Social Anthropology; for students taking Social Anthropology as subsidiary or ancillary to a first degree; for the Academic Postgraduate Diploma in Anthropology (First Year); and Diploma in Social Administration (Overseas Option) (First Year). First Year students for the Diploma in Social Administration may also attend.

Syllabus.—The importance of kinship in simpler societies; marriage and the kinship structure; incest and exogamy; typology of marriage; stability of marriage; elementary family; joint, compound and extended families; unilineal kin systems; patrilineal kinship;

matrilineal kinship; double unilineal and complex unilineal systems; bilateral kinship; kinship roles and behaviour; kinship terminology; history of the study of kinship.

Recommended reading.—ESSENTIAL: J. A. Barnes, "Kinship" in *Encyclopaedia Britannica*, London Printing, 1955; A. R. Radcliffe-Brown, Introduction to A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage*.

SUPPLEMENTARY: A reading list will be issued to those attending the lectures.

642. Selected Texts in Social Anthropology. Dr. Benedict and Mr. Harré. Eight lectures, Summer Term.

For B.A./B.Sc. (Sociology), Option II (First Year); B.Sc. (Econ.) Part II (OR) and (RR) (Second Year students)—Special subject of Social Anthropology. Students taking B.A. Honours in Anthropology, Academic Postgraduate Diploma in Anthropology or Social Anthropology as subsidiary to a first degree may also attend.

Syllabus.—Two works will be laid down as special texts for the paper in the Development of Social Anthropology in B.A./B.Sc. (Sociology) Option II Final Examination. These lectures will examine the texts in detail.

Recommended reading.—ESSENTIAL: H. Maine, *Ancient Law;* B. Malinowski, *Argonauts of the Western Pacific*.

SUPPLEMENTARY: Other reading will be suggested in the course of the lectures.

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

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; and for the Academic Postgraduate Diploma in Anthropology.

Syllabus.—A comparative study of marriage and family.

Recommended reading.—E. Westermarck, *History of Human Marriage;* J. K. Folsom, *The Family; its Sociology and Social Psychiatry;* K. Davis, *Human Society;* E. F. Frazier, *The Negro Family in the United States;* C. M. Arensberg and S. T. Kimball, *Family and Community in Ireland;* R. W. Firth, *We, The Tikopia;* I. Schapera, *Married Life in an African Tribe;* L. P. Mair, *Survey of African Marriage and Social Change* (Ed., A. Phillips); A. I. Richards, *Bemba Marriage;* E. Colson, *Marriage and Family among the Plateau Tonga;* E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer;* J. D. Freeman, *The Family System of the Iban of Borneo;* M. Freedman, *Chinese Family and Marriage in Singapore;* J. Djamour, *Malay Kinship and Marriage in Singapore*.

644. Advanced Study of Kinship. Dr. Freedman. Eight lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology.

Syllabus.—The development of kinship theory. Modern studies of family, marriage, and kinship. Current problems of theory.

Recommended reading.—ESSENTIAL: A. R. Radcliffe-Brown, "On Kinship Systems" in *Structure and Function in Primitive Society;* Introduction to A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage;* J. A. Barnes, "Kinship" in *Encyclopaedia Britannica*, London Printing, 1955.

SUPPLEMENTARY: B. Malinowski, *The Sexual Life of Savages in North-Western Melanesia;* R. W. Firth, *We, The Tikopia;* E. E. Evans-Pritchard, *The Nuer; Kinship and Marriage among the Nuer;* M. Fortes, *The Dynamics of Clanship among the Tallensi; The Web of Kinship among the Tallensi;* A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage;* G. P. Murdock, *Social Structure;* F. Eggan (Ed.), *Social Anthropology of North American Tribes;* C. Lévi-Strauss, *Les structures élémentaires de la parenté;* E. R. Leach, *Political Systems of Highland Burma;* M. Fortes, "The Structure of Unilineal Descent Groups" (*American Anthropologist*, Vol. 55, No. 1); M. Fortes, "Descent, Filiation and Affinity" (*Man*, Vol. LIX, November and December 1959); G. P. Murdock (Ed.), *Social Structure in Southeast Asia;* E. R. Leach, *Rethinking Anthropology;* R. Needham, *Structure and Sentiment;* D. M. Schneider and K. Gough, *Matrilineal Kinship*.

Further reading will be suggested in the course of the lectures.

645. Social Differentiation in Primitive and Peasant Societies. Professor Schapera. Eight lectures, Summer Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as two-year ancillary subject to a first degree.

Syllabus.—The topics dealt with will include sex and age differentiation; age-sets and age-grades; division of labour, types of specialization, occupational associations; rank and occupation; social classes, caste, slavery and serfdom; secret associations; ethnic groups; and social mobility. Reference will also be made to theories concerning them.

Recommended reading.—R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power;* M. Bloch, *Feudal Society;* O. C. Cox, *Caste, Class and Race;* S. N. Eisenstadt, *From Generation to Generation;* L. T. Hobhouse, *Social Development;* S. Hofstra, *Differenzierungserscheinungen in einigen Afrikanischen Gruppen;* G. Landtmann, *The Origin of the Inequality of the Social Classes;* R. Linton, *The Study of Man;* R. H. Lowie, *Social Organization;* R. M. MacIver and C. H. Page, *Society;* M. Mead, *Man and Woman;* M. Weber, *The Theory of Social and Economic Organization;* H. Webster, *Primitive Secret Societies*.

Further reading, especially ethnographic literature, will be recommended during the course.

646. Government and Politics in Simple Societies. Dr. Mair. Ten lectures, Lent Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology.

Syllabus.—Definition and composition of the political community in preliterate societies. Minimal government; special characteristics of government in face-to-face societies. Rulers and subjects: privileges and powers of rulers; sanctions for authority; ideals of good government; checks against misrule and abuse of power; popular participation in government. Inter-tribal relations; expansion of the state; treatment of "subject peoples". Theories of political origins and development.

Recommended reading.—ESSENTIAL: M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems;* I. Schapera, *Government and Politics in Tribal Societies*.

SUPPLEMENTARY: L. Mair, *Primitive Government;* E. E. Evans-Pritchard, *The Political System of the Anuak;* A. W. Southall, *Alur Society;* S. F. Nadel, *A Black Byzantium;* I. Schapera, *A Handbook of Tswana Law and Custom; Tribal Legislation among the Tswana; The Political Annals of a Tswana Tribe;* C. K. Meek, *Law and Authority in a Nigerian Tribe;* C. D. Forde, "Government in Umor" (*Africa*, 1939); F. Barth, *Political Leadership among Swat Pathans*.

647. Social Control in Preliterate Societies. Professor Schapera. Eight lectures, Michaelmas Term. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (RR) (Second and Third Year students)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as a two-year ancillary subject to a first degree.

Syllabus.—The nature and development of law. Social control in societies lacking courts: persuasive and coercive mechanisms (education, public opinion, taboo, religious sanctions, etc.). Arbitration as a judicial process. Composition and procedure of courts in preliterate societies. Ordeals and oaths. Criminal and civil law. Responsibility and punishment. Comparison of primitive and civilised systems of law.

Recommended reading.—E. A. Hoebel, *The Law of Primitive Man;* R. M. MacIver and C. H. Page, *Society* (chaps. 7–9); P. G. Vinogradoff, *Commonsense in Law;* C. K. Allen, *Law in the Making* (6th edn.); P. Bohannan, *Justice and Judgment among the Tiv;* M. Gluckman, *The Judicial Process among the Barotse of Northern Rhodesia;* H. I. Hogbin, *Law and Order in Polynesia;* K. Llewellyn and E. A. Hoebel, *The Cheyenne Way;* B. Malinowski, *Crime and Custom in Savage Society;* A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (chaps. 11–12); I. Schapera, *A Handbook of Tswana Law and Custom;* I. Schapera, "Malinowski's Theories of Law" (in *Man and Culture*, ed. R. W. Firth).

648. Outline of Economic Anthropology. Professor Firth. Eight lectures, Lent Term. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (RR) (Second and Third Year students)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as a two-year ancillary subject to a first degree.

Syllabus.—The aim of these lectures is to give an analysis from the anthropological point of view of the main conceptual and empirical characteristics of non-monetary (primitive) and simple monetary (peasant) economic systems. Examples will be taken from African, Oriental and Oceanic communities. The reaction of these systems to Western and industrial influences will also be examined. Topics discussed will include: economic relations as part of a structure of social relations; management of resources; organisation and incentives in production; profit and loss by ceremonial procedures; individual and group rights in control and use of land; use of labour power; nature and control of non-monetary capital goods; social incentives and limits to capital accumulation; systems of credit; overt and covert interest; problems of peasant indebtedness; determination of values in a non-monetary economy; barter and gift-exchange; "primitive currency"; traditional rules and economic principles in the allocation of distributive shares.

Recommended reading.—Primary: D. M. Goodfellow, *Principles of Economic Sociology;* M. J. Herskovits, *Economic Anthropology;* R. C. Thurnwald, *Economics in Primitive Communities;* M. Mauss, *The Gift;* P. Einzig, *Primitive Money;* R. W. Firth, *Economics of the New Zealand Maori;* Sol Tax, *Penny Capitalism.*

Secondary: M. Mead (Ed.), *Co-operation and Competition among Primitive Peoples;* E. E. Hoyt, *Primitive Trade;* R. Mukerjee, *Principles of Comparative Economics;* B. Malinowski, *Argonauts of the Western Pacific; Coral Gardens and their Magic;* R. W. Firth, *Primitive Polynesian Economy; Malay Fishermen—their Peasant Economy;* A. I. Richards, *Land, Labour and Diet in Northern Rhodesia;* S. F. Nadel, *A Black Byzantium;* H. I. Hogbin, "Tillage and Collection—a New Guinea Economy", "Native Land Tenure in New Guinea" (both in *Oceania*, 1939); C. D. Forde, "Land and Labour in a Cross River Village, Southern Nigeria" (*Geographical Journal*, 1937); I. Schapera, *Native Land Tenure in the Bechuanaland Protectorate;* E. R. Leach, *Social and Economic Organization of the Rowanduz Kurds;* Rosemary Firth, *Housekeeping among Malay Peasants;* W. H. Beckett, *Akokoaso:* M. M. Green, *Land Tenure in an Ibo village;* S. D. Pant, *Social Economy of the Himalayans;* H. N. C. Stevenson, *Economics of the Central Chin Tribes;* H. M. Gluckman, *Economy of the Central Barotse Plain;* G. Wilson, *Essay on the Economics of Detribalization in Northern Rhodesia;* H.-T. Fei, *Peasant Life in China;* K.-H. Shih, *China Enters the Machine Age;* C. D. Forde and R. C. Scott, *The Native Economies of Nigeria;* H.-T. Fei and C.-I. Chang, *Earthbound China;* D. F. Thomson, *Economic Structure and the Ceremonial Exchange Cycle in Arnhem Land;* W. E. Armstrong, *Rossell Island*, Chaps. V–VIII; C. S. Belshaw, *In Search of Wealth;* M. Nash, *Machine Age Maya;* D. L. Oliver, "Land Tenure in Northeast Siuai, Southern Bougainville" (*Peabody Museum Papers*, XXIV, No. 4); K. Polanyietal, *Trade and Market in the Early Empires.*

649. Systems of Religion and Magic. Dr. Stirling. Ten lectures, Michaelmas Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; for the Academic Postgraduate Diploma in Anthropology; for students taking Social Anthropology as a subsidiary subject or as a two-year ancillary subject to a first degree.

Syllabus.—Definition of religious phenomena. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; spirit mediumship; totemism. Religion and the structure of society.

Recommended reading.—Primary: E. Durkheim, *Elementary Forms of the Religious Life;* A. R. Radcliffe-Brown, *The Andaman Islanders*, Chap. V *et seq.; Structure and Function in Primitive Society*, Chaps. VI, VII and VIII; R. W. Firth, *Elements of Social Organisation*, Chap. VII; "Religious Belief and Personal Adjustment" (*Journal of the Royal Anthropological Institute*, 1943); "The Sociology of Magic in Tikopia" (*Sociologus*, 1954); "Problem and Adjustment in an Anthropological Study of Religion" (*Journal of the Royal Anthropological Institute*, 1959); E. E. Evans-Pritchard, *Witchcraft, Oracles and Magic among the Azande; Nuer Religion;* H. M. Gluckman, *Rituals of Rebellion in South-east Africa* (Frazer Lecture, 1952); B. Malinowski, *Magic, Science and Religion;* R. F. Fortune, *Manus Religion;* C. D. Forde (Ed.), *Primitive Worlds.*

Secondary: E. B. Tylor, *Primitive Culture;* W. Robertson Smith, *Religion of the Semites;* J. G. Frazer, *The Golden Bough;* A. van Gennep, *Les Rites de Passage;* L. Lévy-Bruhl, *Primitive Mentality;* P. Radin, *Primitive Religion;* R. H. Lowie, *Primitive Religion;* W. W. Howells, *The Heathens;* W. J. Goode, *Religion among the Primitives;* E. O. James, *Social Function of Religion;* R. W. Firth, *The Fate of the Soul* (Frazer Lecture, 1955); S. F. Nadel, *Nupe Religion;* "Witchcraft in four African Societies" (*The American Anthropologist*, Vol. 54, No. 1); P. Mayer, *Witches* (Inaugural Lecture, Rhodes University, 1954); M. N. Srinivas, *Religion and Society among the Coorgs of South India;* M. Wilson, *Rituals of Kinship among the Nyakyusa;* A. I. Richards, *Chisungu;* P. Worsley, *The Trumpet Shall Sound;* E. R. Leach, *Political Systems of Highland Burma*, Chap. I; F. B. Steiner, *Taboo;* R. W. Firth, *Work of the Gods in Tikopia;* E. E. Evans-Pritchard, *Divine Kingship of the Shilluk of the Nilotic Sudan* (Frazer Lecture, 1948); M. Fortes, *Oedipus and Job;* J. Middleton, *Lugbara Religion;* C. Geertz, *Religion of Java;* R. G. Lienhardt, *Divinity and Experience, the Religion of the Dinka.*

650. Anthropology and Social Problems. Twenty-four lectures, Sessional.

Suitable for B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; for Oversea Service Officers, Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; and the Academic Postgraduate Diploma in Anthropology (Second Year).

(a) Social Implications of Technological Change. Dr. Mair. Ten lectures, Michaelmas Term.

Syllabus.—Changes in family life, government and law, land tenure and productive techniques, religion and magic under the influence of western technology.

Recommended reading.—P. Hill, *The Gold Coast Cocoa Farmer;* R. P. Dore, *City Life in Japan* (Section III), F. G. Bailey, *Caste and the Economic Frontier;* L. A. Fallers, *Bantu Bureaucracy;* I. Schapera, *Christianity and the Tswana;* T. L. Hodgkin, *Nationalism in Colonial Africa.*

(b) Problems in Applied Anthropology. Dr. Benedict. Ten lectures, Lent Term.

Syllabus.—The value of anthropology in relation to practical activities; politics and policy, communication, political structure, health and disease, mental health, family planning, education and economic problems, urbanization.

Recommended reading.—L. P. Mair, *Studies in Applied Anthropology;* B. Paul and W. B. Miller (Eds.), *Health, Culture and Community;* E. H. Spicer (Ed.), *Human Problems in Technological Change;* M. K. Opler (Ed.), *Culture and Mental Health,* " Social Anthropology and Health Education " in *The Health Education Journal,* Vol. XV, No. 2, May, 1957; P. Marris, *Family and Social Change in an African City;* J. Spillius, " Natural Disaster and Political Crisis in a Polynesian Society " in *Human Relations,* Vol. X, Nos. 1 and 2, 1957; B. Benedict, " Education Without Opportunity " in *Human Relations,* Vol. XI, No. 4, 1958.

Other reading will be suggested in the course of the lectures.

Note.—Students should also refer to Course No. 578.

(c) Rural Development and Land Reform. Mrs. Lancaster. Four lectures, Lent Term.

Syllabus.—Aims and methods of development programmes including " community development ". Relations between governments, agents, leaders and people. Effects on traditional structure. Resistances and difficulties. Land tenure as an obstacle to development. Social problems of land tenure reform.

Recommended reading.—ESSENTIAL: T. R. Batten, *Communities and their Development;* A. C. Mayer, Articles in *Pacific Affairs,* Vol. XXIX, 1 March, 1956, and Vol. XXX, 1 March, 1957; Colonial Office, *Community Development,* 1958; S. C. Dube, *India's Changing Villages.*

SUPPLEMENTARY: E. H. Spicer (Ed.), *Human Problems in Technological Change;* P. du Sautoy, *Community Development in Ghana;* R. P. Dore, *Land Reform in Japan;* India, Planning Commission, *Evaluation Reports on working of community projects;* United Nations Community Development Evaluation Mission in India 1958–59; A. Granott, *Agrarian Reform and the Record of Israel,* Part II; United Nations, *Progress in Land Reform,* Second Report, 1956.

651. Psychology and Social Anthropology. Dr. Benedict and Mr. Price-Williams. (This course will not be given in the session 1962–63.)

Suitable for B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

Syllabus.—A critical discussion of the relation between psychology and anthropology. Topics discussed will include; perception, socialization, social control, illness and deviance.

Recommended reading.—Reading will be suggested in the course of the lectures.

652. The Development of Social Anthropology. Twenty-six lectures, Sessional.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); for B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

(a) History of Social Anthropology. Professor Firth. Ten lectures, Michaelmas Term.

Syllabus.—Early ethnographic basis; systematics in the work of L. H. Morgan; implications of evolutionist and diffusionist theories; European sociological influences; developments in field research—Boas, Rivers, Malinowski. Definition of social anthropology as a discipline; development of functionalist and structuralist approaches; interest in problems of quantification, model construction, and dynamics of society; suggestions for reclassification of the study.

Recommended reading.—T. K. Penniman, *A Hundred Years of Anthropology;* R. H. Lowie, *The History of Ethnological Theory;* E. E. Evans-Pritchard, *Social Anthropology;* A. Goldenweiser, " Leading contributions of Anthropology to Social Theory " in H. E. Barnes and H. Becker (Eds.), *Contemporary Social Theory;* Sol Tax, " From Lafitau to Radcliffe-Brown: A Short History of the Study of Social Organisation ", and F. Eggan, " Social Anthropology: Methods and Results " in *Social Anthropology of North American Tribes* (enlarged edn.); D. F. Pocock, *Social Anthropology.*

Other literature will be recommended during the course.

(b) Current Trends in British Social Anthropology. Professor Firth. Eight lectures, Lent Term.

Syllabus.—A critical review of theories and methods, aims and achievements, in the work of modern British anthropologists.

Recommended reading.—E. E. Evans-Pritchard, *Social Anthropology; Anthropology and History;* R. W. Firth, *Elements of Social Organisation; Social Anthropology as Science and as Art;* R. W. Firth (Ed.), *Man and Culture;* S. F. Nadel, *The Foundations of Social Anthropology; The Theory of Social Structure;* H. M. Gluckman, *Custom and Conflict in Africa;* E. R. Leach, *Rethinking Anthropology;* D. F. Pocock, *Social Anthropology.*

Additional reading will be recommended during the course.

(c) Current Trends in American Anthropology. Dr. Freedman. Eight lectures, Michaelmas Term.

Syllabus.—Evolutionary theory. Ecological Studies. The concept of culture. Culture growth; culture change; acculturation. Developments in linguistics. Psychological studies. The study of values. The growth of social anthropology.

Recommended reading.—Reading on special topics will be recommended during the course.

653. Culture: a Survey of Theories. Mrs. Lancaster. Eight lectures, Summer Term. (This course will not be given in the session 1962–63.)

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology. Also recommended for graduate students.

Syllabus.—A survey of some influential theories intended to account for cultural differences. Racism. Environmentalism. Diffusionism. Evolutionism. National character. The present status of some theories of culture change.

Recommended reading.—A reading list will be issued to those attending the lectures.

654. Race and Society. Mr. Harré. Five lectures, Michaelmas Term.

For B.A. Honours in Anthropology (Second and Third Years); B.A./B.Sc. (Sociology), Option II (Second and Third Years); and for other students interested in the subject.

Syllabus.—The development of concepts of race and racial ideologies. Psychological and sociological treatment of problems of prejudice, hostility, discrimination, and conflict. Survey of work done on race relations.

Suggested reading.—UNESCO pamphlets in the series *The Race Question in Modern Science;* O. Klineberg, *Race Differences;* W. C. Boyd, *Genetics and the Races of Man;* G. E. Simpson and J. M. Yinger, *Racial and Cultural Minorities;* A. W. Lind (Ed.), *Race Relations in World Perspective;* G. Myrdal, *An American Dilemma;* K. L. Little, *Negroes in Britain;* M. P. Banton, *The Coloured Quarter;* S. Collins, *Coloured Minorities in Britain;* M. Freedman (Ed.), *A Minority in Britain;* J. H. Robb, *Working-class Anti-Semite;* O. C. Cox, *Caste, Class and Race;* M. Banton, *White and Coloured;* R. Glass, *Newcomers;* R.A.I. and I.R.R., *Man, Race, and Darwin.*

(b) Regional.

655. Social Systems in South East Asia. Professor Firth, Dr. Freedman and Mr. Morris. Twenty lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: South East Asia); students taking Social Anthropology (South East Asia) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—The course will deal mainly with the social organisation of Malaya, Sarawak and South-Eastern China, but there will be some reference to Indonesia, Burma, Thailand, and the Philippines.

Recommended reading.—PRIMARY: MALAYA: R. Firth, *Malay Fishermen;* Rosemary Firth, *Housekeeping among Malay Peasants;* P. E. de Josselin de Jong, *Minangkabau and Negri Sembilan;* J. Gullick, *Indigenous Political Systems of Western Malaya;* J. Djamour, *Malay Kinship and Marriage in Singapore;* P. D. R. Williams-Hunt, *Introduction to the Malayan Aborigines;* A. J. A. Elliott, *Chinese Spirit-Medium Cults in Singapore;* M. Freedman, *Chinese Family and Marriage in Singapore.*

SARAWAK: E. R. Leach, *Social Science Research in Sarawak;* H. S. Morris, *A Melanau Sago Producing Community;* W. R. Geddes, *The Land Dayaks of Sarawak;* J. D. Freeman, *Iban Agriculture; Report on the Iban of Sarawak;* J.-K. T'ien, *The Chinese of Sarawak.*

SOUTH-EASTERN CHINA: M. Freedman, *Lineage Organization in Southeastern China;* D. H. Kulp, *Country Life in South China;* Lin Yueh-Hwa, *The Golden Wing;* Hu Hsien-Chin, *The Common Descent Group in China and its Functions;* C. K. Yang, *A Chinese Village in Early Communist Transition.*

INDONESIA: B. ter Haar, *Adat Law in Indonesia;* H. Subandrio, *Javanese Peasant Life;* L. H. Palmier, *Power and Status in Java;* C. Geertz, *The Religion of Java;* R. M. Koentjaraningrat, *A Preliminary Description of the Javanese Kinship System;* D. Wilmott, *The Chinese of Samarang;* H. Geertz, *The Javanese Family;* A. G. Dewey, *Peasant Marketing in Java.*

BURMA: H. N. C. Stevenson, *The Economics of the Central Chin Tribes;* E. R. Leach, *Political Systems of Highland Burma.*

THAILAND: J. E. De Young, *Village Life in Modern Thailand;* T. M. Fraser, Jr., *Rusembilan: A Malay Fishing Village in Southern Thailand;* H. K. Kaufman, *Bangkhuad, A Community Study of Thailand.*

PHILIPPINES: R. F. Barton, *The Kalingas; Ifugao Law; Philippine Pagans; Ifugao Economics;* F. M. and M. Keesing, *Taming Philippine Headhunters.*

ANDAMANS: A. R. Radcliffe-Brown, *The Andaman Islanders.*

SECONDARY: F.-C. Cole, *The Peoples of Malaysia;* C. Robequain, *Le monde malais* (or English translation); V. W. W. S. Purcell, *Chinese in South-East Asia;* R. O. Winstedt, *The Malays, A Cultural History; The Malay Magician;* W. W. Skeat and C. O. Blagden, *Pagan Races of the Malay Peninsula;* T. E. Smith, *Population Growth in Malaya;* B. H. M. Vlekke, *Nusantara;* F. M. Loeb, *Sumatra;* M. Mead and G. Bateson, *Balinese Character;* J. S. Furnivall, *Netherlands India;* W. F. Wertheim, *Indonesian Society in Transition;* C. Du Bois, *The People of Alor;* G. W. Skinner, *Chinese Society in Thailand; Leadership and Power in the Chinese Community of Thailand;* J. Amyot, *The Chinese Community of Manila;* J. Cuisinier, *Sumangat;* G. P. Murdock, *Social Structure in Southeast Asia.*

656. Ethnography of Central Africa. Professor Schapera. Eight lectures, Summer Term. (This course will not be given in the session 1962–63; it will be given in the session 1963–64.)

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (RR) (Second and Third Year students)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: Central Africa); students taking Social Anthropology (Central Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—Main ethnic groupings, and traditional systems of social, economic, and political organisation of the indigenous peoples of the region, with some reference to changes produced by European colonization.

Recommended reading.—E. Colson and M. Gluckman (Eds.), *Seven Tribes of British Central Africa;* J. A. Barnes, *Politics in a Changing Society;* E. Colson, *Marriage and the Family among the Plateau Tonga; The Social Organization of the Gwembe Tonga;* I. Cunnison, *The Luapula Peoples of Northern Rhodesia;* M. Gluckman, *The Judicial Process among the Barotse;* J. F. Holleman, *Shona Customary Law;* J. C. Mitchell, *The Yao Village;* A. R. Radcliffe-Brown and D. Forde (Eds.), *African Systems of Kinship and Marriage;* M. Read, *The Ngoni of Nyasaland;* A. I. Richards, *Land, Labour and Diet in Northern Rhodesia;* V. W. Turner, *Schism and Continuity in an African Society;* W. Watson, *Tribal Cohesion in a Money Economy;* International African Institute, *Ethnographic Survey of Africa: West Central Africa, Parts I–IV, Southern Africa, Part IV; The Rhodes-Livingstone Papers* (all relevant numbers); *The Rhodes-Livingstone Journal.*

Further reading will be recommended during the course.

657. Ethnography of East Africa; non-Bantu Peoples. Dr. Mair. Sixteen lectures, Michaelmas and Lent Terms.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area, Eastern Africa); students taking Social Anthropology (Eastern Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—Discussion will be concentrated on the social and political organisation of the principal non-Bantu peoples in Kenya, Uganda, and the southern Sudan.

Recommended reading.—E. E. Evans-Pritchard, *The Nuer; Kinship and Marriage among the Nuer; Nuer Religion;* G. Lienhardt, *Divinity and Experience;* E. E. Evans-Pritchard, *The Political System of the Anuak;* G. Lienhardt, "Anuak Village Headmen" (*Africa*, Oct., 1957, Jan., 1958); G. Lienhardt, "The Western Dinka" (in *Tribes without Rulers*, Eds., J. Middleton and D. Tait); P. H. Gulliver, *Preliminary Survey of the Turkana; The Family Herds;*

J. Middleton, *Lugbara Religion;* A. W. Southall, *Alur Society;* G. W. B. Huntingford, *The Nandi of Kenya;* F. K. Girling, *The Acholi of Uganda;* E. E. Evans-Pritchard, *The Divine Kingship of the Shilluk;* G. Lienhardt, " The Religion of the Shilluk " (in *African Worlds*, Ed., C. D. Forde).

658. Ethnography of South Africa. Professor Schapera. Eight lectures, Summer Term.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology (Special Area: Southern Africa); students taking Social Anthropology (Southern Africa) as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—The course will deal mainly with the traditional systems of social and political organisation among the Bushmen, Bergdama, Hottentots, and Bantu (Nguni, Tsonga, Venda and Sotho groups).

Recommended reading.—BASIC: I. Schapera, *The Khoisan Peoples of South Africa; The Bantu-Speaking Tribes of South Africa; Government and Politics in Tribal Societies.*

SUPPLEMENTARY: E. H. Ashton, *The Basuto;* A. T. Bryant, *The Zulu People;* M. Hunter, *Reaction to Conquest;* H. A. Junod, *The Life of a South African Tribe;* E. J. Krige, *The Social System of the Zulus;* E. J. and J. D. Krige, *The Realm of a Rain Queen;* H. Kuper, *An African Aristocracy; The Swazi;* I. Schapera, *The Tswana;* V. G. Sheddick, *The Southern Sotho;* H. A. Stayt, *The Bavenda;* M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems;* A. R. Radcliffe-Brown and C. D. Forde (Eds.), *African Systems of Kinship and Marriage.*

659. Ethnography of Polynesia. This course will be given only by special arrangement.

For B.A. Honours in Anthropology; B.A./B.Sc. (Sociology), Option II; B.Sc. (Econ.) Part II (OR) and (RR) (Second and Third Year students)—Special subject of Social Anthropology; Academic Postgraduate Diploma in Anthropology; students taking Social Anthropology as part of a subsidiary or two-year ancillary subject to a first degree.

Syllabus.—The course will deal primarily with the social structure and social organisation of Polynesian peoples, including changes due to their adaptation to Western civilisation.

Recommended reading.—F. M. Keesing, *South Seas in the Modern World; Modern Samoa;* H. I. Hogbin, *Law and Order in Polynesia;* M. Mead, *Coming of Age in Samoa; Social Organization of Manu'a;* E. W. Gifford, *Tongan Society;* E. Beaglehole, *Pangai, Village in Tonga;* E. and P. Beaglehole, *Ethnology of Pukapuka;* R. W. Firth, *We, The Tikopia; Primitive Polynesian Economy; Work of the Gods in Tikopia; Social Change in Tikopia; Economics of the New Zealand Maori;* H. B. Hawthorn, *The Maori: A Study in Acculturation*; M. D. Sahlins, *Social Stratification in Polynesia.*

Other reading will be given during the course.

660. Social Anthropology (Classes).

(a) Classes will be held throughout the session for students taking the B.A. Honours in Anthropology, the B.A./B.Sc. (Sociology), Option II, the B.Sc. (Econ.) Part I (RR), Alternative subject of Principles and Methods of Social Anthropology, the B.Sc. (Econ.), Part II, Special subject Social Anthropology (RR), and Academic Postgraduate Diploma in Anthropology.

(b) Regional classes may also be given, and special classes will be given for graduate students where required.

FOR GRADUATE STUDENTS

661. Seminar on Anthropological Theory. A seminar on anthropological theory will be held by Professor Firth for graduate students throughout the session. Admission only by permission of Professor Firth.

662. Seminar on Comparative Social Institutions (Western, Oriental and Primitive). A seminar will be held throughout the session by Mr. Dore, Dr. Freedman, Professor MacRae and Professor Schapera for graduate students of Social Anthropology and Sociology.

663. Seminar on Current Afro-Asian Anthropological Studies. A seminar will be held by Dr. Benedict, Mr. H. S. Morris and other members of the Department fortnightly during the Michaelmas and Lent Terms.

664. Seminar on Field Methods. A seminar for graduate students will be held by Dr. Benedict in the Summer Term.

665. Current Problems in the Middle East and North Africa (Seminar). A joint seminar with the School of Oriental and African Studies for members of the staff and graduate students will be held weekly by Dr. Stirling, Dr. Penrose, Mr. Kedourie and Mr. Watt in the Michaelmas and Lent Terms. (This seminar will not be held in the session 1962–63.)

666. Social Implications of Agricultural Policies (Seminar). Dr. Mair and others will hold a seminar for members of the staff and graduate students fortnightly in the Michaelmas and Lent Terms, at the Institute of Commonwealth Studies.

667. Seminar on Current Anthropological Problems. A seminar will be held by members of the Department in collaboration with the Anthropology Departments of University College and the School of Oriental and African Studies during the Michaelmas and Lent Terms. Admission by invitation only.

The attention of students is also drawn to the fact that other regional courses are given on an inter-collegiate basis, e.g., Melanesia (University College), West Africa (University College), India, Tribal Cultures (School of Oriental and African Studies).

DEMOGRAPHY

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193 in Part II of the Calendar.

680. Introduction to Demography. Mr. Carrier. Eighteen lectures and ten classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Statistics, Option (iv) (a), and optional for students choosing Optional subject of Economic and Social Problems Treated Statistically; Part II (RR)—*Demography II*, IX 6 and 7b.

Syllabus.—Sources and reliability of population statistics. Development of censuses and vital statistics. The interpretation of population statistics. The analysis of mortality, nuptiality and fertility.

Recommended reading.—General: A. M. Carr-Saunders, *World Population;* F. Lorimer and F. Osborn, *Dynamics of Population;* M. A. A. Landry and othe s, *Traité de Démographie;* Royal Commission on Population, *Report* (Cmd. 7695); J. J. Spengler and O. D. Duncan (Eds.), *Population Theory and Policy: Selected Readings;* P.E.P., *World Population and Resources.*

Methods: R. R. Kuczynski, *Measurement of Population Growth;* D. V. Glass, *Population Policies and Movements in Europe* (Appendix); H. M. Woods and W. T. Russell, *Introduction to Medical Statistics;* L. I. Dublin, A. J. Lotka and M. Spiegelman, *Length of Life;* A. B. Hill, *Principles of Medical Statistics;* M. Spiegelman, *Introduction to Demography;* U.K. Royal Commission on Population, *Selected Papers of the Statistics Committee;* J. J. Spengler and O. D. Duncan (Eds.), *Demographic Analysis: Selected Readings;* A. J. Jaffe, *Handbook of Statistical Methods for Demographers* (1951, U.S.A. Government Publications); G. W. Barclay, *Techniques of Population Analysis.*

Sources: *The General Reports of the various Censuses of England and Wales; The Registrar General's Statistical Review of England and Wales;* J. Koren (Ed.), *History of Statistics;* H. L. Westergaard, *Contributions to the History of Statistics;* United Nations, *Demographic Yearbook;* United Kingdom, Interdepartmental Committee on Social and Economic Research, Guides to Official Sources, No. 2, *Census Reports of Great Britain*, 1801–1931; P. R. Cox, *Demography.*

References to articles and works of specialised interest will be given in the lectures.

681. Mathematics of Population Growth. Mr. Carrier. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Statistics, Option (iv) (a). Also recommended for graduate students.

Students will be expected to have attended Course No. 680 (Introduction to Demography), and to possess some knowledge of the calculus.

Syllabus.—A study of certain aspects of stationary and stable populations.

Recommended reading.—A. J. Lotka, *Analyse démographique;* E. C. Rhodes, "Population Mathematics" (*Journal of the Royal Statistical Society*, 1940).

Detailed references will be given as the course proceeds.

682. Elements of Demographic Analysis. Mr. Hajnal. Twelve lectures and twelve classes, Michaelmas Term.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Sociology, Option (iv) (a); and of Social Anthropology, Option (v) (f); Part II (RR)—*Demography I*, VIII 8a (Second Year students). For B.A./B.Sc. (Sociology) (Second Year), Option I, 8c and Option II, 9b.

Syllabus.—Sources and reliability of population statistics. The life table and its applications. Elements of standardization. Cohort analysis. The study of mortality, nuptiality and fertility. The effect of vital rates on age structure and population growth.

Recommended reading.—General: A. M. Carr-Saunders, *World Population;* Royal Commission on Population, *Report* (Cmd. 7695); P.E.P., *World Population and Resources.*

Methods and Sources: G. W. Barclay, *Techniques of Population Analysis;* P. R. Cox, *Demography;* Appendix to P. H. Landis, *Population Problems* (2nd edn., prepared by P. K. Hatt); General Register Office, *Matters of Life and Death; Census of England and Wales*, 1951, *General Report; Statistical Review of England and Wales* (especially the *Commentary* volumes of recent years); United Nations, *Demographic Yearbook* (especially the introductory text of successive volumes).

Further references will be given in the lectures.

683. Population Trends and Policies. Professor Glass. Eight lectures, Michaelmas Term. Class work will also be required.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Statistics, Option (iv) (a); of Sociology, Option (iv) (a); of Social Anthropology, Option (v) (f); Part II (RR)—*Demography I*, VIII 8a; *Demography II*, IX 6 and 7b (Second Year students). For B.A./B.Sc. (Sociology) (Second Year). Also recommended for graduate students.

Syllabus.—The growth and distribution of world population since 1800. Historical trends and territorial differentials in mortality. The course and levels of fertility. International migration. The contemporary demographic situation. The development of the small family. Family size and socio-economic characteristics. Stages of demographic and industrial development. The demographic problems of under-developed territories. Population theory and policy.

Recommended reading.—(Additional to reading list for Course No. 682, Elements of Demographic Analysis.) United Nations (Population Division), *The Determinants and Consequences of Population Trends;* D. Kirk, *Europe's Population in the Inter-war Years;* J. J. Spengler, *France Faces Depopulation;* D. V. Glass, *Population Policies and Movements in Europe;* D. V. Glass and E. Grebenik, *The Trend and Pattern of Fertility in Great Britain: A Report on the Family Census of 1946;* W. Moore, *Economic Demography of Eastern and Southern Europe;* F. Lorimer, *The Population of the Soviet Union;* F. W. Notestein and others, *The Future Population of Europe and the Soviet Union;* K. Davis, *The Population of India and Pakistan;* A. J. Coale and E. M. Hoover, *Population Growth and Economic Development in Low-Income Countries;* W. S. Thompson, *Population and Peace in the Pacific;* C. and I. B. Taeuber, *The Changing Population of the United States;* W. D. Borrie, *Population Trends and Policies;* Milbank Memorial Fund, *Demographic Studies of Selected Areas of Rapid Growth;* R. Ishii, *Population Pressure and Economic Life in Japan;* I. B. Taeuber, *The Population of Japan;* Ta Chen, *Population in Modern China;* J. Isaac, *The Economics of Migration;* M. L. Hansen, *The Atlantic Migration;* M. R. Davie, *World Immigration;* W. D. Forsyth, *The Myth of Open Spaces;* G. Plant, *Oversea Settlement;* Milbank Memorial Fund, *Postwar Problems of Migration;* A. Myrdal, *Nation and Family;* E. Lewis-Faning, *Family Limitation* (Royal Commission on Population Papers, Vol. I); P. K. Whelpton, C. V. Kiser and others, "Social and Psychological factors affecting fertility" (*Milbank Memorial Fund Quarterly*, 1942 *et seq.*) (in progress); Milbank Memorial Fund, *Modernization Programs in Relation to Human Resources and Population Problems;* M. Reinhard, *Histoire de la population mondiale; American Academy of Political and Social Science, Annals*, Vol. 237, "World Population in Transition"; K. Smith, *The Malthusian Controversy;* D. V. Glass (Ed.), *Introduction to Malthus.*

684. Demography (Class). Ten classes of two hours each will be held by Mr. Carrier in the Lent Term for students taking the Special subject of Statistics, Option (iv) (a) in Part II of the B.Sc. (Econ.) (OR). Other students will be admitted only by permission.

Note. Additional courses for B.Sc. (Econ.) Part II (RR) students will be given in the session 1963–64.

FOR GRADUATE STUDENTS

685. Demography (Seminar). Arrangements will be announced later.

PSYCHOLOGY

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176–193 in Part II of the Calendar.

700. Introduction to Psychology. Lecturer to be announced. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—Historical background, concepts and methods of general psychology. The influence of heredity and environment. Developmental stages and individual differences. Basic psychological processes of motivation, cognition and emotion. Effects of the social environment on these processes. Social aspects of personality and socialisation.

Recommended reading.—BASIC READING: K. Davis, *Human Society;* H. H. Gerth and C. W. Mills, *Character and Social Structure;* R. Stagner and T. F. Karwoski, *Psychology; or* N. L. Munn, *Psychology: The Fundamentals of Human Adjustment;* R. H. Thouless, *General and Social Psychology;* A. W. P. Wolters, *The Evidence of Our Senses;* O. L. Zangwill, *An Introduction to Modern Psychology;* R. Fletcher, *Instinct in Man;* D. R. Price-Williams, *Introductory Psychology, An Approach for Social Workers.*

Selections from the following Pelican books are recommended: J. Cohen, *Chance, Skill and Luck;* J. Wynn Reeves, *Body and Mind in Western Thought;* W. Sluckin, *Minds and Machines;* R. Thomson, *The Psychology of Thinking;* H. J. Eysenck, *Uses and Abuses of Psychology; Sense and Nonsense in Psychology;* W. Kohler, *The Mentality of Apes;* I. M. L. Hunter, *Memory: Facts and Fallacies.*

701. Depth Psychology and Mental Health. Lecturer to be announced. Ten lectures, Lent Term.

For Diploma in Social Administration (First Year) and One-Year Course; Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—History and Methodology of Psycho-Analysis. Theory and Practice of Freudian, Analytic and Neo-Freudian viewpoints; their bearing on the assessment and measurement of personality.

The field of psycho-pathology. Classification and symptomology of mental illness. Theories of causation of mental illness. Types of treatment. Culture and neurosis.

Recommended reading.—BASIC READING: S. Freud, *Introductory Lectures on Psycho-Analysis; Psycho-pathology of Everyday Life; The Interpretation of Dreams; The Ego and the Id;* C. M. Thompson, *Psycho-Analysis: Evolution and Development;* L. G. Lowrey, *Psychiatry for Social Workers;* J. M. Hunt (Ed.), *Personality and the Behaviour Disorders* (selected chapters); C. S. Hall and G. Lindzey, *Theories of Personality;* A. D. B. Clarke and A. M. Clarke, *Mental Deficiency: The Changing Outlook;* A. B. Hollingshead and F. C. Redlich, *Social Class and Mental Illness;* M. Klein and others, *New Directions in Psycho-Analysis;* R. L. Munroe, *Schools of Psycho-Analytic Thought;* M. K. Opler (Ed.), *Culture and Mental Health: Cross-Cultural Studies;* J. W. Eaton and R. J. Weil, *Culture and Mental Disorders: A Comparative Study of the Hutterites and Other Populations.*

Selections from the following Pelican books are recommended: H. Yellowless, *To Define True Madness;* D. Stafford-Clark, *Psychiatry To-Day;* F. Fordham, *An Introduction to Jung's Psychology;* I. D. Suttie, *The Origins of Love and Hate;* L. Way, *Alfred Adler: His Psychology;* J. Bowlby, *Child Care and the Growth of Love.*

702. Social Psychology. Lecturer to be announced. Ten lectures, Lent Term.

For Diploma in Social Administration (Second Year) and One-Year Course; for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course; and for Diploma in Personnel Management.

Syllabus.—Scope and history of social psychology. Relationship to sociology and to individual psychology.

The methodology of social psychology. Methods of extracting information; interviews; questionnaires; attitude scales and measurement; specialised observational techniques.

Contemporary theoretical frameworks of social psychology; stimulus-response theories; cognitive theory; relational approaches and field concepts; psycho-analytic orientations; role theory.

Selected topics in social psychology: beliefs and attitudes; interpersonal communication; mass media; prejudice; group behaviour and interaction; leadership; culture and behaviour.

Recommended reading.—G. E. Swanson, T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (Rev. edn., 1952); W. J. H. Sprott, *Social Psychology; Human Groups* (Pelican); M. Sherif, *An Outline of Social Psychology;* T. M. Newcomb, *Social Psychology;* G. W. Allport, *The Nature of Prejudice;* S. Freud, *Civilisation and its Discontents; Group Psychology and the Analysis of the Ego;* C. I. Hovland and others, *Communication and Persuasion;* S. L. Payne, *The Art of Asking Questions;* J. M. Blackburn, *Psychology and the Social Pattern;* H. T. Himmelweit and others, *Television and the Child;* M. Ginsberg, *Psychology of Society; On the Diversity of Morals* (selected essays); G. Lindzey (Ed.), *Handbook of Social Psychology* (selected chapters).

703. General Course in Psychology. Mr. Hotopf. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (RR)—Alternative subject of Psychology; B.A./B.Sc. (Sociology), Option I and *option* 9a for Option II (First Year).

Syllabus.—The aims, assumptions, and methodological preferences of experimental psychology, seen in the light of its history and position in society. The contrasting position of medical psychology and, in particular, psycho-analysis.

What experimental studies of learning and forgetting tell us about methods of study and propaganda. The contrasting approaches of field theorists and associationists as shown by studies of perception. Relevance of studies of perception and problem-solving to questions of scientific method and to problems of social communication.

The issue of human nature as posed by theories of instinct. Cultural and biological approaches to motivation compared. The relation of learning to instinct, and the importance of early experiences, as revealed by studies of animals.

The origins of psychoanalysis. Libido theory and the family. The infant's conception of the world; the relationship of this to adult personality and moral behaviour, according to Freudian theory.

Recommended reading.—N. L. Munn, *Psychology;* R. Stagner and T. F. Karwoski, *Psychology;* R. S. Woodworth and D. G. Marquis, *Psychology* (20th edn.); E. G. Boring and others, *Foundations of Psychology* (1948 edn.); R. H. Thouless, *General and Social Psychology;* O. L. Zangwill, *An Introduction to Modern Psychology;* J. M. Blackburn, *Psychology and the Social Pattern;* R. S. Woodworth, *Contemporary Schools of Psychology;* L. W. Crafts and others, *Recent Experiments in Psychology;* R. Fletcher, *Instinct in Man;* S. Freud, *Introductory Lectures on Psychoanalysis;* J. C. Flügel, *Man, Morals and Society;* K. Horney, *New Ways in Psychoanalysis;* S. S. Isaacs, *Social Development in Young Children.*

704. Psychological Measurement. Dr. Oppenheim. Seven lectures, Lent and Summer Terms. (Beginning in the sixth week of Lent Term.)

For B.Sc. (Econ.) Part I (RR)—Alternative subject of Psychology; B.A./B.Sc. (Sociology), Option I and *option* 9a for Option II (First Year); Diploma in Personnel Management.

Syllabus.—Principles of scientific method in Psychology. The need for measurement and objectivity. Problems of dimensionality, validity, reliability and standardization. Indirect measurement and relations between measures. Problems of prediction. The statistical analysis of psychological tests.

Theoretical assumptions behind the construction of tests. The development of intelligence testing. Theories of intelligence. The distribution, growth and decline of mental abilities. Applications of intelligence testing to social problems.

Performance tests, projective tests, and measures of character traits and personality. The use of psychological measurement in social research.

Recommended reading.—A. Anastasi and J. P. Foley, *Differential Psychology* (revised edn.); H. J. Eysenck, *Uses and Abuses of Psychology;* A. Barnett, *The Human Species* (Pelican); R. Knight, *Intelligence and Intelligence Tests;* L. M. Terman and M. A. Merrill, *Measuring Intelligence;* D. Wechsler, *The Measurement of Adult Intelligence;* A. D. B. and A. M. Clarke, *Mental Deficiency: the changing outlook;* P. E. Vernon, *The Structure of Human Abilities.*

705. Theories of Personality. Growth and Development of the Individual. Dr. Himmelweit. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Psychology*, VIII 8b; B.A./B.Sc. (Sociology), Option I and *option* 9a for Option II (Second Year); Diploma in Personnel Management.

Syllabus.—The cognitive, social and emotional development of the individual. The influence of different environmental factors—home, school, work—on this development.

The process of socialization. The development of values.

Theories of personality including the psychoanalytic theories. The study of needs and drives. Modes of adjustment to the environment.

Types of maladjustment. Abnormal behaviour patterns: delinquent, neurotic, psychotic patterns of behaviour.

Methods of assessment and description of the individual; types of personality measures used. Longitudinal and cross cultural studies.

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

706. Research Methods in Social Psychology. Dr. Himmelweit and Dr. Oppenheim. Seven lectures, Lent Term.

For B.Sc.(Econ.) Part II (RR)—*Psychology*, VIII 8b; B.A./B.Sc. (Sociology), Option I and *option* 9a for Option II (Second Year). For the Academic Diploma in Psychology; Diploma in Personnel Management.

Syllabus.—Some general problems involved in the use of measuring instruments in social research. Theoretical assumptions behind the measurement of opinions and attitudes—techniques for the construction of attitude scales—indirect methods for measuring attitudes. Problems of interviewing; the use of projective techniques in social research; observational and sociometric techniques in the study of small groups; experimental studies of groups; prediction studies; deviant case analysis.

Recommended reading.—M. Jahoda and others, *Research Methods in Social Relations;* L. Festinger and D. Katz, *Research Methods in the Behavioral Sciences;* H. H. Hyman, *Survey Design and Analysis;* H. H. Hyman and others, *Interviewing in Social Research;* G. Lindzey, *Handbook of Social Psychology* (selected chaps.); S. le Baron Payne, *The Art of Asking Questions;* C. A. Moser, *Survey Methods in Social Investigation.*

707. General Course in Social Psychology. Dr. Himmelweit, Dr. Oppenheim and Mr. Holmes. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Sociology, Option (iv) (b), and Social Anthropology, Option (v) (c); for B.A./B.Sc. (Sociology), Option I and *option* 9a for Option II (Third Year); for the Diploma in Personnel Management; and the Academic Diploma in Psychology.

Syllabus.—The place of social psychology in the social sciences; theories and concepts in social psychology. Social motivation; social determinants of perception; perception of people.

The process of judgment formation.

Socialization: theories of social learning and reference group behaviour. Interpersonal relations in the family, peergroup, in school and at work. The concepts of rôle and status.

Formation of attitudes and values: stereotypes; prejudice; the development of a self concept. Political attitudes.

Factors involved in attitude change: laboratory and field studies. The rôle of education, propaganda, the mass media. Advertising research.

The individual and the group; multiple group membership. The functioning of groups: experimental and field studies. Specific types of groups: work groups, therapeutic communities, etc.

Selected topics in social psychology: communication research; the psychology of social class membership, national character; leadership; industrial relations.

Recommended reading.—General text-books: T. M. Newcomb and E. L. Hartley (Eds.), *Readings in Social Psychology* (three editions); T. M. Newcomb, *Social Psychology;* G. Lindzey, *Handbook of Social Psychology* (selected chapters); S. E. Asch, *Social Psychology;* D. Krech and R. S. Crutchfield, *Theory and Problems of Social Psychology;* D. Harding, *Social Psychology and Individual Values;* M. and C. Sherif, *An Outline of Social Psychology* (revised edn.).

Other Books: E. Tolman, *Behaviour and Psychological Man;* M. Ginsberg, *Social Psychology;* R. Taguiri and L. Petrullo, *Person Perception and Interpersonal Behaviour;* S. Freud, *Civilisation and its discontents; Group Psychology and the analysis of the ego;* R. K. Merton and P. F. Lazarsfeld, *Continuities in Social Research;* R. J. Havighurst and A. Davis, *Father of the Man;* D. R. Miller and G. Swanson, *The Changing American Parent;* T. W. Adorno, E. Frenkel-Brunswik and others, *The Authoritarian Personality;* G. W. Allport, *The Nature of Prejudice;* W. Brewster Smith, J. Bruner and R. White, *Opinions and Personality;* C. I. Hovland the others, *Communication and Persuasion;* D. Cartwright and A. Zander (Eds.), *Group dynamics: Research and Theory;* H. T. Himmelweit, A. N. Oppenheim and P. Vince, *Television and the Child;* R. Centers, *The Psychology of Social Classes;* B. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication;* W. Schramm, *The Process and Effects of Mass Communication;* J. W. Atkinson (Ed.), *Motives in Fantasy, Action and Society;* D. V. Glass (Ed.), *Social Mobility in Britain;* J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity.*

708. Industrial Psychology. Mr. Holmes. Ten lectures and classes, Lent Term.

For Diploma in Operational Research.

Syllabus.—Individual maturation and adjustment. Factors leading to the formation of industrial groups. Morale and its breakdown: co-operative and competitive situations, resistance to change.

The nature of incentives; supervisory and other leadership. Personnel counselling and attitude measurement.

Job analysis. Job evaluation. Selection procedures. Operator and supervisory training.

Recommended reading.—M. S. Viteles, *Motivation and Morale in Industry;* N. R. F. Maier, *Psychology in Industry;* H. Croome, *Human Problems of Innovation;* J. Woodward, *Management and Technology.*

Further reading will be recommended during the course of the lectures.

709. Psychology Classes. Classes will be arranged for B.Sc. (Econ.) Part I (RR) students offering Psychology as an Alternative subject.

710. Psychology Classes. Fortnightly classes will be held during the Lent Term for B.Sc. (Econ.) Part II (RR)—*Psychology*, VIII 8b; (Second Year students), B.A./B.Sc. (Sociology) (Second Year) students.

711. Social Psychology Classes. Classes will be arranged for B.Sc. (Econ.) Part II (OR) students taking the special subjects of Sociology, Option (iv) (b) and Social Anthropology, Option (v) (c); B.Sc. (Econ.) Part II (RR)—*Psychology*, VIII 8b; and for B.A./B.Sc. (Sociology) third year students.

FOR GRADUATE STUDENTS

712. Psychology Seminar. Dr. Himmelweit. A fortnightly seminar for graduate students will be held throughout the session.

713. Theories and Methods Seminar in Social Psychology. Dr. Oppenheim. Weekly seminar for graduate students throughout the session. The seminar will deal mainly with problems of research methods and principles of theory formulation.

714. Communication and the Process of Attitude Change. Dr. Himmelweit. A weekly seminar will be held in the Lent Term.

Syllabus.—Communication theories and their application to social psychological problems.

The process of attitude formation. Factors making for stability and those making for attitude change.

Attitude change problems in the field of politics, education, industry and social welfare.

Decision conflict.

The assessment of the content and of the effects of a communication: laboratory and field studies.

Propaganda and advertising.

The influence of the mass media: radio, press, cinema and television.

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

715. Language and Communication. Mr. Hotopf. Ten lectures, Michaelmas Term.

For graduate students. Open to undergraduates who are interested in this subject.

Syllabus.—Relevance of language to social science studies. Contributions of different disciplines to our knowledge of language. General theory of communication. What light study of perception throws on communication. Attempts at measuring meaning:

comprehension tests, content analysis. The problem of ambiguity in question-wording and scientific communication. Theories of the influence of language on thought. General semantics. Theories and experiments concerning the influence of language on thought.

Recommended reading.—(i) General: E. Sapir, *Language;* J. B. Carroll, *The Study of Language;* S. E. Asch, *Social Psychology;* P. Henle (Ed.), *Language, Thought and Culture;* S. L. B. Payne, *The Art of Asking Questions;* R. W. Brown, *Words and Things.*

(ii) Specific references will be given at the beginning of the course.

716. Language and Society (Seminar). A seminar for graduate students will be held by Mr. Hotopf in the Summer Term.

717. Research Problems Seminar. A weekly seminar will be held throughout the session by members of the department.

Reference should also be made to the following courses:—

No. 651.—**Psychology and Social Anthropology.**
No. 751.—**Industrial Psychology.**
No. 752.—**Industrial Psychology (Class).**
No. 778.—**The study of Personality.**

SOCIAL SCIENCE AND ADMINISTRATION

720. Introduction to Social Policy. Professor Titmuss. Two lectures, Michaelmas Term, ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (First Year) and One-Year Course and for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

Syllabus.—Concepts of social need and social service. The growth and division of collective action from the poor law to " The Welfare State ". The causes of need and its changing nature in relation to the family. The effects of industrialisation, the division of labour and technological change. Philosophic and economic views on social policy. Social philanthropy, mutual aid and public responsibility.

The social functions of the social services. An analysis of developments in the main branches of the services since the end of the 19th century. The problems of poverty, sickness and old age; the break-up of the poor law. The influence of war, the emancipation of women and other factors on social attitudes to reform. The development of law as an instrument of social policy. The evolution of aims and principles in relation to the growth of social welfare, fiscal welfare and occupational welfare. Problems of redistributive justice and ethical issues in social policy.

Recommended reading.—M. P. Hall, *The Social Services of Modern England;* K. de Schweinitz, *England's Road to Social Security;* T. S. Simey, *Principles of Social Administration;* R. M. Titmuss, *Problems of Social Policy; Essays on " The Welfare State ";* G. and M. Wilson, *The Analysis of Social Change;* L. T. Hobhouse, *Social Development;* E. Durkheim, *The Division of Labour in Society;* B. Webb, *My Apprenticeship; Diaries;* W. G. Friedmann, *Law and Social Change in Contemporary Britain;* D. V. Glass (Ed.), *Introduction to Malthus;* B. de Jouvenel, *The Ethics of Redistribution;* H. L. Wilensky and C. N. Lebeaux, *Industrial Society and Social Welfare;* E. W. Bakke, *Citizens without Work;* G. A. N. Lowndes, *The Silent Social Revolution;* S. and B. Webb, *English Poor Law Policy; Social Insurance and Allied Services* (Beveridge Report) (Cmd. 6404, B.P.P., 1942–43, Vol. II); A. M. Carr-Saunders, D. Caradog Jones and C. A. Moser, *A Survey of Social Conditions in England and Wales;* K. Jones, *Mental Health and Social Policy,* 1845–1959.

721. The Sociology of Medical Care. Professor Titmuss. Four lectures, Lent Term.

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-year Course. Optional for B.A./B.Sc. (Sociology) (Third Year)—Option I.

Syllabus.—The meaning of health and disease. The concept of prevention. The relationship between developments in medical care and trends in national health. The evolution of ideas in systems of medical care. The rôle of the doctor in society. The doctor-patient relationship. The influence of culture. The impact of science on medicine. Specialisation and the division of labour in the organisation of medical care.

Recommended reading.—H. E. Sigerist, *Civilisation and Disease;* G. Newman, *The Building of a Nation's Health;* R. M. Titmuss, *Birth, Poverty and Wealth;* E. Simon, *English Sanitary Institutions; Annual Reports* of the Ministry of Health; *A National Health Service* (B.P.P. 1943–44, Vol. VIII, Cmd. 6502); Lyle Saunders, *Cultural Difference and Medical Care;* H. Eckstein, *The English Health Service;* J. M. Mackintosh, *Trends of Opinion about the Public Health,* 1901–51; B. Abel-Smith and R. M. Titmuss, *The Cost of the National Health Service; Report of the Committee of Enquiry into the Cost of the National Health Service (Guillebaud Report),* Cmd. 9663; E. Gartly Jaco, *Patients, Physicians and Illness.*

722. Social Administration. Eighteen lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (First Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

(a) Development of Social Administration. Professor Donnison. Eight lectures, Michaelmas Term.

Syllabus.—The growth of British social services, statutory and voluntary, and the evolution of methods and principles of social administration since 1830.

Recommended reading.—K. de Schweinitz, *England's Road to Social Security;* H. C. Barnard, *A Short History of English Education from* 1760 *to* 1944; C. F. Brockington, *A Short History of Public Health;* M. E. A. Bowley, *Housing and the State*, 1919–1944; J. Heywood, *Children in Care;* K. Jones, *Mental Health and Social Policy*, 1845–1959; A. F. Young and E. T. Ashton, *British Social Work in the Nineteenth Century;* S. and B. Webb, *English Poor Law History*, Part II; K. B. Smellie, *A History of Local Government;* Local Government Board, *Annual Reports;* Royal Commission on the Poor Laws and Relief of Distress, *Majority and Minority Reports; Charity Organisation Quarterly* (Third Series); D. Roberts, *Victorian Origins of the British Welfare State;* M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century;* A. Briggs, *The Age of Improvement;* R. C. K. Ensor, *England*, 1870–1914; C. L. Mowat, *Britain Between the Wars*, 1918–1940.

(b) Principles and Practice of Social Administration. Mrs. Cockburn. Ten lectures, Lent Term.

Syllabus.—A discussion of the principles, functions and methods of administration of the social services.

Recommended reading.—R. M. Titmuss, *Problems of Social Policy; Essays on " The Welfare State ";* T. S. Simey, *Principles of Social Administration;* M. P. Hall, *The Social Services of Modern England;* W. A. Robson (Ed.), *Social Security; Social Insurance and Allied Services* (Beveridge Report) (B.P.P., 1942–43, Vol. VI); W. H. Beveridge, *Voluntary Action;* B. S. Rowntree and G. R. Lavers, *Poverty and the Welfare State;* United Nations, IV. Social Welfare, 1950, 10, *Methods of Social Welfare Administration.*

723. Aspects of Social Policy. Members of the Department. Twenty-six lectures, Sessional (beginning in the fifth week of the Michaelmas Term).

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

(a) Education. Miss Kydd. Two lectures.

Syllabus.—Selected current issues in educational administration.

Recommended reading.—P. E. Vernon (Ed.), *Secondary School Selection;* J. E. Floud, *et al., Social Class and Educational Opportunity;* Association of Education Committees, *Threat to Education;* U.K. Ministry of Education, 1956, *Technical Education* (Cmd. 9703); United Kingdom, Central Advisory Council for Education (England), *Report on Early Leaving;* United Kingdom, *Scientific and Engineering Manpower in Great Britain; Annual Report of the Advisory Council on Scientific Policy*, 1956–57 (Cmnd. 278); J. Vaizey, *The Costs of Education;* U.K. Ministry of Education, 1958, *Secondary Education for All* (Cmnd. 604); R. H. Chetwynd, *Comprehensive School.*

(b) Child Care. Miss Bell. Two lectures.

Syllabus.—A general review of developments in the child care service since 1948 and some discussion of current problems.

Recommended reading.—Suggestions for reading will be given at the lectures.

(c) The Sociology of Medical Care. Professor Titmuss. Four lectures.

(For detailed syllabus see course No. 721.)

(d) Old Age. Miss Slack. Three lectures.

Syllabus.—Personal problems and needs of the old. Services for the care and welfare of the ageing and infirm. The family and its older members.

Recommended reading.—B. E. Shenfield, *Social Policies for Old Age;* International Association of Gerontology, London, 1954, *Old Age in the Modern World;* P. Townsend, *The Family Life of Old People;* Nuffield Foundation, *Old People; The Social Medicine of Old Age;* K. M. Slack, " Councils, Committees and Concern for the Old " (*Occasional Papers on Social Administration*, No. 2).

(e) Housing. Mr. Greve. Two lectures.

Syllabus.—The lectures will trace the growth of public intervention and responsibility in housing, but most of the discussion will relate to housing policies since 1945 paying particular attention to current problems and developmens.

Recommended reading.—M. J. Elsas, *Housing Before the War and After* (2nd edn.); M. E. A. Bowley, *Housing and the State;* H. Ashworth, *Housing in Great Britain; Houses—The Next Step* (H.M.S.O., Cmnd. 8996, 1953); J. B. Cullingworth, *Housing Needs and Planning Policy;* D. V. Donnison, *Housing Policy since the War;* D. Donnison, C. Cockburn, T. Corlett and others, *Housing Since the Rent Act;* J. Greve, *The Housing Problem;* U.K. Ministry of Housing and Local Government, *Homes for Today and Tomorrow* (1961).

Other suggestions for reading will be made by the lecturer.

(f) Mental Health. Mrs. McDougall. Two lectures.

Syllabus.—A consideration of the social services concerned with mental health. Trends in relation to hospital and community care of the mentally ill and the subnormal. The child guidance service.

Recommended reading.—*Report of the Royal Commission on the Law Relating to Mental Illness and Mental Deficiency* (Cmnd. 169, 1957); *Report of the Committee on Maladjusted Children* (Underwood Report), 1955; A. M. and A. D. B. Clarke, *Mental Deficiency;* K. Jones, *Mental Health and Social Policy*, 1845–1959.

(g) Youth Service. Mr. Hodge. One lecture.

Syllabus.—The partnership between voluntary and statutory authorities; recruitment and training of youth leaders; youth organisations, clubs, adventure courses, self-programming groups; the ten-year development programme.

Recommended reading.—P. H. K. Kuenstler, *Youth Work in England; The Youth Service in England and Wales* (Report of the Albemarle Committee, Cmnd. 929, 1960); G. W. Jordan and E. M. Fisher, *Self-Portrait of Youth;* J. Macalister Brew, *Youth and Youth Groups;* UNESCO, *New Trends in Youth Organizations* (Educational Studies and Documents, No. 35); Ministry of Education, *Youth Service Broadsheet.*

(h) Some Social Problems of Employment. Miss Seear. Three lectures.

Syllabus.—Social and industrial provision for the employment, training and education of young workers. The work of the Youth Employment Service. Apprenticeship and other training schemes. State and voluntary provision for further education including the County Colleges. The employment of women and the special social and industrial problems connected with the employment of married women with domestic responsibilities.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

(i) Current Research. Four lectures. Members of the Department.

(j) Aspects of the Penal System. Mr. Forder.

Syllabus.—Current problems in the administration of justice, and in penal treatment in institutions and the community will be considered with special reference to recent Government Publications.

Recommended reading.—J. F. S. King (Ed.), *The Probation Service;* W. A. Elkin, *The English Penal System;* H. Jones, *Crime and the Penal System;* United Nations, *Probation and Related Measures.*

GOVERNMENT PUBLICATIONS: Home Office, *Prisons and Borstals (England and Wales)*, 1957; *After-care and Supervision of Discharged Prisoners*, 1958; *Treatment of Young Offenders*, 1959; *Penal Practice in a Changing Society*, 1959; *Disturbances at the Carlton Approved School* (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).

(k) Additional topics to be determined.

724. An introduction to the Financial Problems of the Social Services. Dr. Abel-Smith. Eight lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year)—Option I; for Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

Syllabus.—The tax system and its social implications, the rationale of the National Insurance Fund, historical trends in the costs of social services, the effects of population change, the use made of social services by different income groups, and the problems of allocating money to different social services.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

725. Development and Social Administration. Mrs. Judd and Mr. Hodge. Twenty-six lectures, Sessional.

For the Diploma in Social Administration (Overseas Option) (First Year) and One-year Course, and for Oversea Service Officers.

(a) Social Needs and the Administrative Framework. Mrs. Judd. Nine lectures, Michaelmas Term.

Syllabus.—Labour policy in developing countries; health and housing; organisation of local government; mutual aid; co-operation, education.

Recommended reading.—R. K. Gardiner and H. O. Judd, *The Development of Social Administration* (2nd edn.); U.N. ST/TRI/SER. A/10, *Special Study on Social Conditions in Non-Self-Governing Territories;* and E/CN. 5/346, *Report on the World Social Situation*, 1961; A. N. Agarwala (Ed.), *Indian Labour Problems;* I.L.O. Studies and Reports, Series B (Economic Conditions) No. 38, *Social Policy in Dependent Territories;* I.L.O. No. 29, *Labour Policies in the West Indies;* M. M. Coady, *Masters of their own Destiny;* S. D. Onabamiro, *Food and Health.* Further reading will be indicated.

(b) Community Development. Mr. Hodge. Ten lectures, Lent Term.

Syllabus.—Community Development in low-income countries: authority, agency, and personnel. Mass literacy, self-help and community action, extension services, ad hoc campaigns. Policy and Practice in Ghana and India.

Community Organisation in developed territories; settlements, community centres and neighbourhood work in urban areas; rural community action, councils of social service. Urban Renewal, and New Towns.

Recommended reading.—United Nations (ST/TAO/M/14), *Public Administration Aspects of Community Development Programmes;* United Nations Bureau of Social Affairs, *Social Progress through Community Development;* T. R. Batten, *Communities and their Development;* C. King, *Working with People in Small Communities;* P. du Sautoy, *Community Development in Ghana;* S. C. Dube, *India's Changing Villages;* M. G. Ross, *Community Organization: Theory and Principles;* National Council of Social Service, *Community Organisation, an Introduction;* P. H. K. Kuenstler (Ed.), *Community Organization in Great Britain;* J. H. Nicholson, *New Communities in Britain;* United Nations Department of Economic and Social Affairs (ST/SOA/43), *Community Development in Urban Areas.*

(c) Vulnerable Groups in a Changing Society. Mrs. Judd. Seven lectures, Summer Term.

Syllabus.—Waifs and Strays; the handicapped; the delinquent; the position of women.

Recommended reading.—As for (a) above.

726. Development and Social Administration (Seminar). Mrs. Judd and others will hold a seminar throughout the session for students taking the Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course, and for Oversea Service Officers.

727. Aspects of Social Work. Various lecturers. Twenty-two lectures, Lent and Summer Terms.

For Diploma in Social Administration (First Year) and One-Year Course and Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

Syllabus.—Ten lectures by practical experts on the rôle of the social worker in certain selected types of social service; six lectures on Community Organization and Principles and Methods of Group Work, by Mr. Peter Kuenstler; six lectures on An Introduction to Case Work, by Mrs. McDougall and Miss Butrym.

728. The Medical Background of Social Work. Dr. Winner. Ten lectures, Michaelmas Term.

For Diploma in Social Administration (First Year) and One-Year Course; and for the Diploma in Social Administration (Overseas Option) (First Year) and One-Year Course.

Syllabus.—The course will be designed to illustrate those medical conditions which lead to a breakdown between an individual and his social environment and those environmental conditions which cause ill-health.

The nature of disease.

Pregnancy, childbirth, abortion, etc. Their physiology and medico-legal and medical implications.

Spread of infection. Infectious diseases and their prevention. Tuberculosis. Venereal disease.

Acute and chronic diseases of heart, lungs and other systems.

The crippling diseases and their social implications. Paralysis, blindness, deafness, epilepsy. Special problems of handicapped children.

The influence of the environment. Mind and body. The effect of illness on personality. Rehabilitation. Psychosomatic and social medicine.

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

729. Seminar on Social Administration. A seminar on social policy and administration will be held by Professor Titmuss during the Michaelmas and Lent Terms. Applications for admission should be submitted to Mrs. Cockburn.

Reference should also be made to the following sections and courses:—

Politics and Public Administration.
Psychology.
Sociology.

No. 8.—**Introduction to Economics.**
No. 45.—**The Structure of Modern Industry.**
No. 48.—**Recent Economic Developments.**
No. 60.—**The Economics of the Labour Market.**
No. 262.—**Introduction to Modern English Economic History.**
No. 387.—**Law of Labour and of Social Insurance.**
No. 567.—**Local and Regional Government.**
No. 640.—**Introduction to Social Anthropology (Overseas option).**
No. 650.—**Anthropology and Social Problems (Overseas option).**
No. 700.—**Introduction to Psychology.**
No. 701.—**Depth Psychology and Mental Health.**
No. 702.—**Social Psychology.**
No. 751.—**Industrial Psychology.**
No. 773.—**Child Development.**
No. 833.—**Elements of Social Structure.**
No. 836.—**Comparative Social Institutions.**
No. 843.—**Introduction to the Social Structure of Modern Britain.**
No. 854.—**Modern Social Philosophies.**
No. 947.—**Survey Methods in Social Investigation.**

Diploma in Personnel Management

750. Principles and Practice of Personnel Management. A series of lectures and classes will be held by Miss Seear, Mr. Thurley and others throughout the session.

For the Diploma in Personnel Management.

Syllabus.—These lectures trace the development of personnel management and examine the place of the personnel specialist in industrial and commercial organisations. The main aspects of personnel policy are discussed and the developing practices of different organisations are studied. The topics include: Recruitment and selection. Training and Education. Promotion. The working environment and relationships within the organisation. Incentives and the principles and methods of remuneration. Problems of communication and consultation.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

751. Industrial Psychology. Mr. Holmes. Twenty lectures, Michaelmas and Lent Terms.

For the Diploma in Personnel Management.

Syllabus.—Measurement in Industry: the structure of human abilities, job analysis, selection and training techniques. Job evaluation. Attitude measurement.

Motivation in Industry: Groups, their formation and importance, incentives, leadership, morale, communication, psychological aspects of labour unrest.

Recommended reading.—N. R. F. Maier, *Psychology in Industry;* M. S. Viteles, *Motivation and Morale in Industry;* P. E. Vernon and J. B. Parry, *Personnel Selection in the British Forces;* E. Anstey and E. O. Mercer, *Interviewing for the Selection of Staff;* J. A. C. Brown, *The Social Psychology of Industry;* W. Brown, *Exploration in Management;* H. Croome, *Human Problems of Innovation;* H. J. Eysenck, *Uses and Abuses of Psychology;* J. Woodward, *Management and Technology;* "Industrial Psychology" in *Chamber's Encyclopaedia;* L. R. Sayles, *The Behavior of Industrial Work Groups;* W. F. Whyte and others, *Money and Motivation;* A. Zaleznik and others, *The Motivation, Productivity and Satisfaction of Workers.*

752. Industrial Psychology (Class). Classes for students attending course No. 751 will be held weekly by Mr. Holmes.

753. The Social Organisation of Industry. Mr. Thurley. Ten lectures, Lent Term.

For the Diploma in Personnel Management; for B.A./B.Sc. (Sociology) Option I (Third Year); and for B.Sc. (Econ.) Part II (OR)—Special subject of Sociology.

Syllabus.—This course examines how sociology and allied disciplines are applied to the study of industrial organisation and industrial relations. The following subjects are dealt with: industrialisation in social theory; the social significance of the division of labour; management and the nature of authority in modern industry; power relations and sources of industrial conflict; studies of the working group.

Recommended reading.—E. Durkheim, *The Division of Labour in Society;* H. H. Gerth and C. W. Mills (Eds.), *From Max Weber;* E. D. Smith and R. C. Nyman, *Technology and Labour;* R. A. Brady, *Business as a System of Power;* E. G. Mayo, *The Social Problems of an Industrial Civilisation;* E. Jaques, *The Changing Culture of a Factory;* W. E. Moore, *Industrial Relations and the Social Order;* A. W. Kornhauser and others (Eds.), *Industrial Conflict;* A. Flanders and H. A. Clegg (Eds.), *The System of Industrial Relations in Great Britain;* V. L. Allen, *Power in Trade Unions;* B. Wootton, *The Social Foundations of Wage Policy;* G. C. Homans, *The Human Group;* G. Friedmann, *Industrial Society;* W. H. Scott and others, *Technical Change and Industrial Relations;* E. V. Schneider, *Industrial Sociology;* R. Bendix, *Work and Authority in Industry;* W. H. Whyte, *The Organisation Man;* H. A. Landsberger, *Hawthorne Revisited;* T. Burns and G. M. Stalker, *The Management of Innovation;* J. H. Smith, *The University Teaching of Social Sciences—Industrial Sociology.*

754. Recent Research in Industrial Sociology. Mr. Thurley. Six lectures, Summer Term.

For the Diploma in Personnel Management.

Syllabus.—A discussion of some recent studies in the field of industrial sociology following the lines of investigation already examined in Course No. 753.

Recommended reading.—A bibliography will be recommended during the course of the lectures.

755. Methods of Social Research in Industry. Mr. Thurley. Nine lectures and classes, Michaelmas Term.

For students who will be undertaking project work for Part B of the Diploma in Personnel Management.

Reference should also be made to the following courses:—

No. 8.—**Introduction to Economics.**
No. 45.—**The Structure of Modern Industry.**
No. 48.—**Recent Economic Developments.**
No. 60.—**The Economics of the Labour Market.**
No. 125.—**Business Administration: The Organisation of Business Enterprises and Problems of Business Policy.**
No. 132.—**Economics for Engineers and Applied Scientists: (c) Business Organisation and Finance.**
No. 262.—**Introduction to Modern English Economic History.**
No. 269.—**Industrial History.**
No. 387.—**Law of Labour and of Social Insurance.**
No. 586.—**Political and Social Theory.**
No. 615.—**The Political History of Trade Unions.**
No. 616.—**Trade Unions in Britain.**
No. 617.—**Comparative Industrial Relations.**
No. 619.—**Industrial Relations (Seminar).**
No. 620.—**Problems of Industrial Relations in Tropical Commonwealth Territories (Seminar).**
No. 700.—**Introduction to Psychology.**
No. 701.—**Depth Psychology and Mental Health.**
No. 702.—**Social Psychology.**
No. 706.—**Research Methods in Social Psychology.**
No. 707.—**General Course in Social Psychology.**
No. 723.—**Aspects of Social Policy, (h) Some Social Problems of Employment.**
No. 843.—**Introduction to the Social Structure of Modern Britain.**
No. 920.—**Elementary Statistical Methods.**
No. 946.—**The Nature and Sources of Social Statistics.**

Course for Social Workers in Mental Health

770. The Mental Health Services. Mrs. McDougall. Ten lectures, Michaelmas Term.

Syllabus.—The aim of these lectures is to give an idea of the growth of the mental health services, supplying a background and a perspective against which the present services, statutory and voluntary, can be seen. The course includes an outline account of the development of attitudes and philosophies, as they have a bearing on legislation and methods of treatment: the development of child guidance clinics and their present organisation will be covered, and the law and administration as it affects the mentally ill, the mentally subnormal, and educationally subnormal child.

Recommended reading.—D. H. Tuke, *Chapters in the History of the Insane in the British Isles;* G. Zilboorg and G. W. Henry, *A History of Medical Psychology;* K. Jones, *Lunacy, Law and Conscience;* C. Morris, *Social Case Work in Great Britain* (chap. on Psychiatric Social Work); N. O'Connor and J. Tizard, *The Social Problem of Mental Deficiency;* A. M. and A. D. B. Clarke, *Mental Deficiency;* Feversham Committee, *Voluntary Mental Health Services; Report of the Royal Commission on Lunacy and Mental Disorder* (Cmd. 2700, 1926); *Report of the Royal Commission on the Law relating to Mental Illness and Mental Deficiency* (Cmnd. 169, 1957); U.K. Board of Education and Board of Control, *Report of the Mental Deficiency Committee* (the Wood Report), 1929; *Report of the Committee on Maladjusted Children* (Underwood Report), 1955.

771. A Sociological Approach to Social Problems. Mr. Wright. Ten lectures, Michaelmas Term.

Syllabus.—Social structure and social problems. Changes in the forms of social problems. Social action. Concepts of normality. Analysis of problems associated with: (a) The Family: marriage, employment of women, family disorganisation and breakdown. (b) Delinquency: juvenile and adult, crime rates, ecological studies. (c) Psychiatric illness: incidence of mental illness, ecological and other studies.

Recommended reading.—H. D. Cloward and R. A. Stein (Eds.), *Social Perspectives on Behaviour;* J. L. Halliday, *Psycho-Social Medicine;* J. K. Folsom, *The Family and Democratic Society;* E. R. Mowrer, *The Family; its Organization and Disorganization; Family Disorganization;* O. R. McGregor, *Divorce in England;* A. Myrdal, *Nation and Family;* R. M. Titmuss, *Essays on "The Welfare State";* J. P. Lichtenberger, *Divorce;* United Kingdom, Royal Commission on Marriage and Divorce, 1956, *Report,* 1951–1955 (Cmd. 9678); L. R. Young, *Out of Wedlock;* H. Mannheim, *Group Problems in Crime and Punishment;* H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training;* S. S. and E. T. Glueck (Eds.), *Preventing Crime;* United Kingdom, Registrar-General, *Statistical Review of England and Wales,* 1950–51 (Supplement on General Morbidity—Cancer and Mental Health); A. M. Rose (Ed.), *Mental Health and Mental Disorder;* M. D. Young and P. Wilmott, *Family and Kinship in East London;* P. Townsend, *The Family Life of Old People;* N. W. Bell and E. F. Vogel, *A Modern Introduction to the Family.*

772. Applied Physiology. Dr. Gibbons. Eight lectures, Lent Term.

Syllabus.—The integrative action of the nervous system: motor and sensory function. The borderlines of physiology and psychology. Consciousness and its disturbances. The part played by endocrine and other somatic factors in psychological processes, including the responses to emotional stress. Some physiological principles underlying physical treatment in psychiatry.

Recommended reading.—W. B. Cannon, *The Wisdom of the Body;* O. L. Zangwill, *Introduction to Modern Psychology;* S. Cobb, *Emotions and Clinical Medicine.*

773. Child Development. Miss Gardner. Twelve lectures, Michaelmas and Lent Terms.

For Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year).

Syllabus.—Inter-relation of the various aspects of normal development—intellectual, emotional, social. Methods of studying the psychology of children. Capacities and responses present at birth. Chief characteristics of early infancy up to fifteen months. Intellectual growth after infancy. Bodily skill, play, problem solving, language development. Social and emotional development in early childhood. Intellectual development in the middle years. Development of group relationships and social play. Emotions and methods by which the child controls them. Characteristics of adolescence. Maturity of reasoning, emergence of special interests, social loyalties and conflicts. Emotional intensity. The rôle of the environment.

Recommended reading.—S. S. Isaacs, *Intellectual Growth in Young Children; Social Development in Young Children;* D. E. M. Gardner, *The Children's Play Centre; The Education of Young Children;* S. S. Isaacs, *Psychological Aspects of Child Development; The Nursery Years; The Children we Teach;* A. L. Gesell and others, *The First Five Years of Life;* A. P. Jephcott, *Girls growing up;* O. A. Wheeler, *Youth;* A. L. Gesell and others, *The Child from Five to Ten;* W. D. Wall, *Mental Health and Education;* D. W. Winnicott, *The Child and the Family;* R.

J. Havighurst, *Human Development and Education;* A. L. Gesell and others, *Youth: the years from ten to sixteen;* J. Stone and J. Church, *Childhood and Adolescence;* D. W. Winnicott, *The Child and the Outside World.*

774. Clinical Aspects of Child Development. Dr. D. W. Winnicott. Fourteen lectures, Michaelmas and Lent Terms.

Syllabus.—Theory of emotional development of infant and child. Evaluation of the environmental factor. Health in terms of emotional maturity and ill-health in terms of distortions in emotional growth. Classification according to the specific needs of each case.

Clinical material illustrating health and ill-health at various ages; interview reports with discussion of technique.

Etiology of psycho-neurosis, antisocial tendency, and psychosis. The effect of physical disease and of mental defect on the personal pattern of defence against anxiety.

775. Psychiatry. Dr. Kräupl Taylor. Twelve lectures on psychiatry, Michaelmas and Lent Terms. Demonstrations on psychiatry will be held weekly at the Maudsley Hospital.

Syllabus.—Introduction. Etiological Factors. Classification. Hysterical, Obsessional and Anxiety States. Affective Disorders. Schizophrenia. Psychopathic States. Epilepsy. Organic Conditions. Pre-Senile and Senile Psychoses. Causation and treatment. Place of the social worker in investigation, prevention and treatment.

Recommended reading.—D. Stafford-Clark, *Psychiatry To-day;* W. Mayer-Gross, E. Slater and M. Roth, *Clinical Psychiatry;* R. D. Curran and M. Partridge, *Psychological Medicine;* A. Lewis, *Psychological Medicine* (in F. W. Price (Ed.), *Textbook of the Practice of Medicine*).

776. The Mentally Subnormal. Dr. J. Tizard. Five lectures, Lent Term.

Syllabus.—The nature, classification, and social problem of mental subnormality.

777. Psychology of Family Relations. Mrs. Bannister. Six lectures, Lent Term.

Syllabus.—The nature of marital choice; marriage as conscious and unconscious drive towards solving emotional problems from past; gratification and frustration; role-playing and adaptation in developing family; points of stress; interaction, collusion and projection; pressures of social environment.

Recommended reading.—E. J. Bott, *Family and Social Network;* H. V. Dicks, "Experiences with Marital Tension Seen in the Psychological Clinic" (*British Journal of Medical Psychology*, Vol. XXVI); N. W. Ackerman, F. L. Beatman and S. N. Sherman (Eds.), *Exploring the Base for Family Therapy;* S. Freud, *Introductory Lectures on Psycho-Analysis;* M. Klein and J. Riviere, *Love, Hate and Reparation;* M. Klein, *Envy and Gratitude; A Study of Unconscious Sources;* M. Young and P. Willmott, *Family and Kinship in East London;* Family Discussion Bureau, *Social Casework in Marital Problems; Marriage: Studies in Emotional Conflict and Growth; The Marital Relationship as a Focus for Casework.*

778. The Study of Personality. Mr. Price-Williams. Ten lectures, Summer Term.

Syllabus.—An examination of the cognitive and orectic aspects of personality:

(a) INTELLIGENCE: Its nature and measurement. Discussion of different intelligence tests. Growth and decline of intelligence. Tests of deterioration. Intelligence and heredity.

(b) PERSONALITY. Concepts of personality. Its measurement in the clinical situation by means of interviews, questionnaires, objective and projective personality tests.

Recommended reading.—A bibliography will be given at the beginning of the course.

779. Principles and Practice of Social Casework. Weekly seminars will be held throughout the session by Miss Elkan, Mr. Myers and Mr. Wright.

Syllabus.—Consideration is given to the principles underlying all social casework practice and particular attention is paid to the practice of social work in psychiatric settings.

780. Social Administration and the place of the Social Worker. Weekly seminars will be held throughout the session.

Michaelmas Term	Children's Services	Mr. Wright Miss Elkan
Lent Term	Services for adults and social deviants	Mr. Forder Mr. Myers
Summer Term	Mental Health Services	Mrs. McDougall

Field Work Supervisors to the Mental Health Course

Miss I. Bergman Miss M. Eden Miss I. Lissman	Maudsley Hospital, Denmark Hill, S.E.5. (Adults).
Miss S. Parsons	Maudsley Hospital, Denmark Hill, S.E.5. (Children).
Miss H. Horder, B.A. Miss M. Turnbull, B.A. Miss M. Weiss, B.A. Miss I. Westheimer	Child Guidance Training Centre, 6, Osnaburgh Street, N.W.1.
Mrs. K. F. A. Edkins	St. George's Hospital, Psychiatric Department, 15, Knightsbridge, S.W.1.
Miss. I. Forstner	Department of Psychological Medicine, University College Hospital, 23, Devonshire Street, W.1.
Miss E. Thomson	Hospital for Sick Children, Gt. Ormond Street, W.C.1.
Miss B. Knock	Cane Hill Hospital, Surrey.
Mr. J. Midwinter	Belgrave Hospital, London, S.E.
Mrs. D. Lilley, LL.D.	Queen Elizabeth Hospital for Children, Hackney, S.E.

Course in Applied Social Studies

800. Social Influences on Behaviour. Mr. Eppel. Fifteen lectures, Michaelmas and Lent Terms.

Syllabus.—A discussion of the extent to which personal interests, attitudes, habits, and aspirations are influenced by the standards and expectations of the groups to which people belong. The main themes are:—

1. The influence of culture on personality, with some account of individual differences and deviant behaviour.
2. Social factors in motivation, emotional behaviour and the development of intellectual capacity.
3. Problems of communication in modern society, with special reference to language, social attitudes and prejudice.
4. Changing attitudes in the spheres of family life, education, industry, delinquency, medicine and leisure.
5. The problems of responsibility and leadership in a democratic society.

801. Principles and Practice of Social Casework. Miss Bell, Miss Butrym and Mr. Forder. Weekly seminars will be held throughout the session.

Syllabus.—Principles underlying the practice of social casework are studied throughout, primarily through the medium of detailed case records. During the first term the emphasis is upon the study of clients faced by social difficulties largely outside their own control; in the second term the cases are more complex and involve personal as well as social maladjustment. Social treatment is considered in greater detail in the third term.

An attempt is made throughout to integrate the material both with the students' experience in the various training centres, and with the other lectures in the course.

802. Human Growth and Development. Dr. Stewart Prince. Thirty lectures, Michaelmas, Lent and Summer Terms.

Syllabus.—In this course an effort is made to trace in detail the developmental steps, psychological and biological, of the individual from conception, through maturity, into old age. Firstly the main epochs in human development are surveyed briefly, to provide a temporal framework. Then, after discussion of the interplay of psychological and biological influences, and of heredity and environment, the serial stages of child growth and development are surveyed in detail.

The phenomena of adolescence, maturity, the climacteric and senescence are dealt with similarly. The emphasis is upon the normal processes of growth, with attention to points of special strain and resultant abnormalities at each period.

Modern theories of personality development are discussed critically, special attention being given to the systems of psycho-analysis and analytical psychology; deviations from the normal are also dealt with here, as are the influence on development of the mother-child relationship, the family constellation, and various adverse experiences such as emotional deprivation, illness and placement in abnormal environments.

The differential patterns of development in man and woman are outlined, to provide a framework for the discussion of the relationship between the sexes, courtship, marriage and the problems of parenthood. This leads to description of anomalous psychosexual development.

The development of the special senses, of speech and language, and of intelligence is studied in some detail.

Throughout, the theoretical material is related as closely as possible to clinical usage, and discussed in its practical application to the casework situation.

803. A Clinical Approach to Family Problems. Dr. D. W. Winnicott. Ten lectures, Summer Term.

Syllabus.—The family in relation to infants and children at various stages of their development. A survey of the emotional development of the child in health, and the various distortions in emotional development that result in psychiatric disorder. The clinical picture in health and in ill-health illustrated by case descriptions. Evaluation of the environmental factor. Special problems of adolescence. The family's relationship with society. The concept of health as emotional maturity at age.

804. Mental Health. Mrs. McDougall. Ten lectures, Lent Term.

Syllabus.—This course deals with the mental health services and typical problems of mental illness and mental subnormality which the social worker has to meet.

Recommended reading.—D. Stafford-Clark, *Psychiatry to-day;* R. D. Curran and M. Partridge, *Psychological Medicine*, K. Jones, *Mental Health and Social Policy;* Margaret Adams (Ed.), *The Mentally Subnormal: A Social Casework Approach.*

805. The Medical Care of Children. Dr. Davis. Ten lectures, Michaelmas Term.

Syllabus.—The role of the doctor. Concepts of illness. Public Health and vital statistics in relation to Child health. Genetics. Growth, development and nutrition. Infective illness. Immunisation. Body/mind interaction in disease. Severe and fatal illness. The child's experience of hospital. The handicapped child. Minor illness in childhood.

806. Problems of Health and Disease.

I. Dr. Davis. Ten lectures, Michaelmas Term.

Syllabus.—The course begins with two introductory lectures on the nature of disease and on the history and present organisation of the medical profession. Eight lectures then follow on physical growth and development and on some of the more common childhood diseases.

II. Dr. Winner and social workers from various settings. Ten lecture-demonstrations, Lent Term.

Syllabus.—The course deals with the functions of the various body systems and with the disease processes of these systems and is given in the form of combined medical lectures and social case illustrations in order that the interrelationship of illness and social stress is clearly demonstrated.

III. Various medical lecturers. Six lectures primarily intended for medical social work students, Summer Term.

Syllabus.—This course is given by specialists in various fields of medicine and is based on a more detailed approach to the subjects chosen.

807. Social Administration and Social Policy. Professor Donnison.

Syllabus.—The relation between social policy and administrative structure and processes. Seminars will include discussions of the organisation and functions of agencies in which students do their field work, and the parts played by social workers within these agencies.

Recommended reading.—L. Urwick and L. H. Gulick (Eds.), *Papers on the Science of Administration;* M. P. Follett, *Dynamic Administration;* H. Stein (Ed.), *Public Administration and Policy Development;* H. A. Simon, *Administrative Behaviour;* K. C. Wheare, *Government by Committee;* B. N. Rodgers and J. Dixon, *Portrait of Social Work;* A. H. Birch, *Small Town Politics.*

808. The Law and Court Procedure. Miss Stone and Mr. Banwell. Seventeen lectures, Lent and Summer Terms.

Syllabus.—This course deals with the general principles of law and practice (including rules of evidence) in Courts, with particular reference to the constitution, jurisdiction and powers of Magistrates' Courts, in dealing with children and young persons, in domestic proceedings, and in the making of affiliation orders. Reference is made to the Statutes and statutory instruments from which the powers of Courts are derived, and in particular to the relevant parts of the following Acts as amended, and to Rules made under them—

Criminal Justice Act, 1948, and Criminal Justice Act, 1961;
Children Acts, 1948 and 1958;
Children and Young Persons Acts, 1933 to 1956;
Education Act, 1944;
Magistrates' Courts Act, 1952;
Adoption Acts, 1958 and 1960;
Matrimonial Proceedings (Children) Act, 1958;
Mental Health Act, 1959;
Matrimonial Proceedings (Magistrates' Courts) Act, 1960;

and other statutes dealing with domestic proceedings and the making of affiliation orders.

During the course students are given an opportunity to stage " Courts " in which the procedure follows as closely as possible that which would actually occur at the hearing of charges and cases.

Recommended reading.—G. L. Williams, *Learning the Law* (6th edn.) and the *Report of the (Ingleby) Committee on Children and Young Persons* (Cmnd. 1191) October 1960, should be read before attending the course.

Further Reading.—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.).

809. Casework and Medical Settings. Miss Butrym. Twelve lecture-seminars, Lent and Summer Terms.

Syllabus.—Characteristics of the hospital as a social institution in which professional groups work together for a common purpose. The medical social worker's contribution in relation to the hospital's function. The principles and problems of relating the social casework service to medical care.

810. Casework and the Child Care Service. Miss Bell and Mrs. Winnicott. Twelve seminars, Lent and Summer Terms.

Syllabus.—The structure and methods of operation of the Child Care Services. Recent developments and present trends, including a discussion of the casework problem of meeting needs within the administrative framework of the service as it is today. Case discussion to illustrate these points. Some of the family problems behind applications for reception into care. Methods of care available today and their relative values in relation to the problems presented by children and their parents. Placement, and all the factors influencing it, including parental attitudes. Adoption. Current practice and thinking. Selection of adoptive parents, their motives and attitudes. Problems of illegitimacy. Conclusion and summing up. The focus throughout is on the place of social case-work in the Child Care Services.

811. Casework and the Court Setting. Mr. Forder. Twelve lectures and seminars, Lent and Summer Terms.

Syllabus.—In this course various aspects and problems of the Probation Officer's work will be discussed, with special reference to the legal framework.

Recommended reading.—J. F. S. King (Ed.), *The Probation Service;* W. A. Elkin, *The English Penal System;* H. Jones, *Crime and the Penal System;* United Nations, *Probation and Related Measures.*

Government Publications: Home Office, *Prisons and Borstals (England and Wales)*, 1957; *After-care and Supervision of Discharged Prisoners*, 1958; *Treatment of Young Offenders*, 1959; *Penal Practice in a Changing Society*, 1959; *Disturbances at the Carlton Approved School* (Cmnd. 937); *Report of the Committee on Children and Young Persons* (Cmnd. 1191); *Report of the Interdepartmental Committee on the Business of the Criminal Courts* (Cmnd. 1289); *Report of the Departmental Committee on the Probation Service* (Cmnd. 1650).

For Reference: W. Clarke Hall and A. C. L. Morrison, *The Law Relating to Children* (6th edn.).

Supervisors to the Course in Applied Social Studies

Miss D. D. Adams.	Probation Officer, The London Probation Service.
Miss N. Barnes.	Psychiatric Social Worker, Woodberry Down Health Centre.
Miss U. Behr.	Essex Children's Department, Chelmsford.
Mr. S. I. Briskin.	London Family Welfare Association, Myddleton Square, E.C.1.
Miss K. M. Brown.	Probation Officer, The London Probation Service.
Miss M. Denham.	Child Care Officer, Children's Department, London County Council.
Miss J. Hotham	Probation Officer, The London Probation Service.
Miss M. Johnson.	Almoner Supervisor, Middlesex Hospital.
Miss A. B. Lloyd-Davies.	Invalid Children's Aid Association.
Mrs. M. Martyr.	Hertfordshire Probation Service.
Miss J. C. Mathias. Miss. R. J. Denford	Family Caseworkers, London Family Welfare Association, Peckham, S.E.5.
Miss F. Ney. Miss D. J. Pratt.	Child Welfare Officers, Children's Department, London County Council.
Miss H. Wright.	Almoner Supervisor, Hammersmith Hospital.

SOCIOLOGY

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193, in Part II of the Calendar.

830. The Theories and Methods of Sociology. Mr. Bottomore. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Sociology; Part II (RR)—*Theory and Methods of Sociology*, VIII 4; B.A./B.Sc. (Sociology) (Second Year); B.A. Honours in Anthropology (Second Year). For the Academic Diplomas in Anthropology and Psychology (Second Year).

Syllabus.—(i) A consideration of the principal schools of sociology: formal sociology; the comparative study of social institutions; the functional approach in sociology and social anthropology.

(ii) Problems of sociological explanation. Theories of social structure, change and development.

(iii) Methods of sociological research.

Recommended reading.—(i) General: M. Ginsberg, *Essays in Sociology and Social Philosophy*, 3 Vols.; *The Psychology of Society;* H. H. Gerth and C. Wright Mills, *Character and Social Structure;* R. Firth, *Elements of Social Organization;* R. M. MacIver and C. H. Page, *Society;* R. H. Lowie, *Social Organization;* R. K. Merton, *Social Theory and Social Structure;* G. C. Homans, *The Human Group*.

(ii) Selected texts and commentaries: L. T. Hobhouse, *Morals in Evolution; Social Evolution and Political Theory;* J. Rumney, *Herbert Spencer's Sociology;* E. Durkheim, *The Rules of Sociological Method; The Division of Labour in Society; Suicide; Elementary Forms of the Religious Life; Professional Ethics and Civic Morals;* C. C. A. Bouglé, *Bilan de la sociologie française contemporaine;* T. B. Bottomore and M. Rubel (Eds.), *Karl Marx: Selected Writings in Sociology and Social Philosophy;* K. H. Wolff (Ed.), *The Sociology of Georg Simmel;* G. Simmel, *Conflict* and *The Web of Group Affiliations;* F. Toennies, *Community and Association;* H. H. Gerth and C. Wright Mills (Eds.), *From Max Weber;* M. Weber, *The Theory of Social and Economic Organization;* R. Aron, *German Sociology;* V. Pareto, *The Mind and Society;* T. Parsons, *The Structure of Social Action*.

(iii) Social structure and culture; social change and development: C. Lévi-Strauss, " Social Structure " in A. L. Kroeber (Ed.), *Anthropology Today;* S. F. Nadel, *The Theory of Social Structure;* A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (Chapters VIII–X); B. Malinowski, *A Scientific Theory of Culture and other Essays;* A. L. Kroeber and C. Kluckhohn, *Culture;* M. Ginsberg, *The Idea of Progress;* " Social Change " in *British Journal of Sociology* (Vol. IX, No. 3, 1958); K. Mannheim, *Essays on the Sociology of Knowledge* (Chapters III and VII).

(iv) Sociological methods: J. S. Mill, *A System of Logic* (Book VI " On the logic of the moral sciences "); S. and B. Webb, *Methods of Social Study;* R. Aron, *Introduction à la philosophie de l'histoire;* P. L. Gardiner, *The Nature of Historical Explanation;* H. A. Hodges, *Wilhelm Dilthey: An Introduction;* K. R. Popper, *The Poverty of Historicism;* M. Weber, *The Methodology of the Social Sciences;* D. Emmet, *Function, Purpose and Powers;* R. M. MacIver, *Social Causation;* A. R. Radcliffe-Brown, *A Natural Science of Society*.

(v) Selected studies exemplifying sociological theories and methods: M. Weber, *The Protestant Ethic and the Spirit of Capitalism;* L. T. Hobhouse, G. C. Wheeler and M.

Ginsberg, *The Material Culture and Social Institutions of the Simpler Peoples;* A. R. Radcliffe-Brown, *The Andaman Islanders;* D. V. Glass (Ed.), *Social Mobility in Britain;* R. Aron, *Le développement de la société industrielle* (2 parts, mimeographed); *Sociologie des sociétés industrielles* (mimeographed); C. W. Mills, *The Power Elite;* R. Dahrendorf, *Class and Class Conflict in an Industrial Society;* E. Durkheim (see above, section (ii)).

831. Theories and Methods of Sociology Class. A weekly class will be held throughout the session for students taking the B.Sc. (Econ.) Part II (OR)—Special subject Sociology (i); Part II (RR)—*Theory and Methods of Sociology*, VIII 4.

832. Comparative Morals and Religion. Professor Gellner. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Sociology, Option (iv) (d); Part II (RR)—*Comparative Morals and Religion*, VIII 8d. B.A./B.Sc. (Sociology)—Options I, 8 and 9 (c), and II, 4 (Third Year); B.A. Honours in Anthropology (Third Year) and the Academic Diploma in Anthropology (First Year).

Syllabus.—The development and present position of the sociological analysis of morality and religion. The contributions of psychoanalysis and the sociological study of ideology. Theology, ritual, and religious organisation in the world religions, and their social contexts. The legitimation of morality. Problems of secularisation.

The lectures will deal with Christianity and at least one of the world religions.

Recommended reading.—D. Hume, " The Natural History of Religion " in *Essays;* K. Marx and F. Engels, *On Religion* (London, 1957); K. Marx and F. Engels, *The German Ideology;* L. A. Feuerbach, *The Essence of Christianity;* F. W. Nietzsche, *The Genealogy of Morals;* J. G. Frazer, *Totemism and Exogamy;* N. D. Fustel De Coulanges, *The Ancient City;* R. Smith, *The Religion of the Semites;* E. Westermarck, *The Origin and Development of the Moral Ideas;* L. T. Hobhouse, *Morals in Evolution;* E. Durkheim, *The Elementary Forms of the Religious Life;* S. Freud, *Totem and Taboo; The Future of an Illusion;* J. E. Harrison, *Ancient Art and Ritual;* B. Malinowski, *Magic, Science and Religion;* A. R. Radcliffe-Brown, *Structure and Function in Primitive Society* (Chaps. 6–8); K. Mannheim, *Ideology and Utopia;* T. Parsons, *The Social System* (Chaps. 8–9); M. Ginsberg, *The Diversity of Morals;* J. Wach, *Sociology of Religion*.

R. R. Marett, *The Threshold of Religion;* R. Redfield, *The Primitive World and its Transformations;* G. F. Moore, *History of Religions;* E. R. Bevan, *Christianity;* H. Bettenson (Ed.), *Documents of the Christian Church;* E. Troeltsch, *Social Teaching of the Christian Churches;* M. Weber, *The Protestant Ethic and the Spirit of Capitalism;* R. H. Tawney, *Religion and the Rise of Capitalism;* H. G. Rawlinson, *India;* W. Hutton, *Caste in India;* A. C. Bouquet, *Hinduism;* M. Weber, *Ancient Judaism; The Religion of China;* J. Burckhardt, *Force and Freedom;* J. Dewey, *Problems of Men;* K. Jaspers, *Man in the Modern Age;* H. Arendt, *The Burden of Our Time;* T. S. Eliot, *The Idea of a Christian Society;* V. A. Demant, *Religion and the Decline of Capitalism;* R. Niebuhr, *Moral Men and Immoral Society;* L. Sturzo, *Church and State;* E. Fischoff, " The Protestant Ethic " (*Social Research*, 1944).

S. W. Baron, *A Social and Religious History of the Jews;* C. Booth, *Life and Labour of the People in London* (3rd series); A. C. Bouquet, *Sacred Books of the World;* E. M. Butler, *The Myth of the Magus;* J. H. Fichter, *Social Relations in the Urban Parish;* W. Herberg, *Protestant, Catholic, Jew;* E. O. James, *History of Religions;* J. Huizinga, *The Waning of the Middle Ages;* C. Humphreys, *Buddhism;* R. Levy, *The Social Structure of Islam;* G. Le Bras, *Études de Sociologie Religieuse;* H. R. Niebuhr, *The Social Sources of Denominationalism ;* W. M. Watt, *Muhammad at Medina;* E. R. Wickham, *Church and People in an Industrial City;* J. M. Yinger, *Religion, Society and the Individual;* UNESCO, *Current Sociology*, Vol. V, No. 1 (1956): Sociology of Religions; J. N. Moody, *Church and Society;* A. C. Bouquet, *Comparative Religion;* J. Petrie, *The Worker-Priests;* F. Boulard, *Introduction to Religious Sociology;* A. Mayer, *Caste and Kinship in Central India;* K. W. Underwood, *Protestant and Catholic;* B. Wilson, *Sects and Society;* N. Cohn, *Pursuit of the Millenium;* H. Desroche, *Marxisme et religion;* C. Y. Glock, " The Sociology of Religion " in R. K. Merton and

others (Eds.), *Sociology Today;* D. Goldschmidt and others, *Soziologie der Kirchengemeinde;* G. Le Bras, "Sociologie des Religions" in G. Gurvitch (Ed.), *Traité de Sociologie;* P. M. Worsley, *The Trumpet Shall Sound.* (See also the journals *Archives de Sociologie des Religions* and *Social Compass.*)

832(A). Comparative Morals and Religion (Seminar). Professor Gellner will hold a seminar in conjunction with Course No. 832 during the Michaelmas and Lent Terms. This seminar is also recommended for graduate students.

833. Elements of Social Structure. Dr. Little. Twenty-five lectures, Sessional. (This course will be given in the day only in 1962–63 and in the evening only in 1963–64.)

WHOLE COURSE for B.Sc. (Econ.) Part I (RR) Alternative subject 6; Part II (RR)—*Elements of Social Structure II,* I 3l; II 3i; V 8h (Second Year students).

FIRST TWENTY LECTURES for B.A./B.Sc. (Sociology) (First Year); Diploma in Personnel Management; Diploma in Social Administration (Second Year) and One-Year Course; and for Diploma in Social Administration (Overseas Option) (Second Year) and One-Year Course.

Syllabus.—The Nature of Sociological Analysis. Types of Social Structures: Simple and Complex Structures. Social Change: the process of industrialisation. The impact of industrialisation on Social Structure: urbanisation: stratification: political, religious and familial institutions: problems of social control. Bureaucracy and large organisations. Stability and Conflict in Society.

Recommended reading.—United Nations, *Report on the World Social Situation;* H. Gerth and C. W. Mills, *Character and Social Structure;* R. Redfield, *The Little Community;* K. Davis, *Human Society;* W. E. Moore, *Industrial Relations and the Social Order;* R. M. Williams, *American Society: A Sociological Interpretation;* F. Lorimer, *Culture and Human Fertility;* J. M. Yinger, *Religion, Society and the Individual;* R. Bendix and S. M. Lipset, *Class, Status, Power; Social Mobility in Industrial Society;* G. Simpson, *Man in Society;* E. Chinoy, *Sociological Perspectives;* K. B. Mayer, *Class and Society;* W. E. Moore, *Economy and Society;* S. A. Greer, *Social Organisation;* P. M. Blau, *Bureaucracy in Modern Society;* G. M. Sykes, *Crime and Society;* D. Wrong, *Population;* E. K. Nottingham, *Religion and Society;* M. S. Olmsted, *The Small Group;* C. R. Wright, *Mass Communication.*

833(A). Elements of Social Structure (Classes). Classes will be held in the Michaelmas and Lent Terms for students taking B.Sc. (Econ.) Part I (RR); Part II (RR)—*Elements of Social Structure II*—I 3l; II 3i; V 8h (Second Year students); B.A./B.Sc. (Sociology) (First Year).

834. Elements of Social Structure Classes. Fortnightly classes will be held throughout the session 1963–64 for B.Sc. (Econ.) Part II (RR)—*Elements of Social Structure II,* I 3l; II 3i; V 8h (Third Year students).

835. Social Structure and Social Change. Professor MacRae. Twenty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) Option I (Second or Third Year); Graduate students in Sociology and Social Anthropology.

Recommended reading.—R. M. MacIver, *Social Causation;* M. Ginsberg, *Essays in Sociology and Social Philosophy,* Vol. III; R. Bendix, *Max Weber;* P. A. Sorokin, *Social Philosophies of an Age of Crisis;* G. B. Vico, *The New Science;* V. I. Lenin, *The Development of Capitalism in Russia;* F. C. Lane and J. C. Riemersma (Eds.), *Enterprise and Secular Change;* W. W. Rostow, *The Stages of Economic Growth;* B. Hoselitz, *Economic Theories of Growth;* UNESCO, *Social Implications of Industrialization and Urbanization in Africa;* G. Hunter, *The New Societies of Tropical Africa;* G. and M. Wilson, *The Analysis of Social Change;* J. Steward, *Social Evolution;* R. Redfield, *The Primitive World and its Transformations;* L. T. Hobhouse, *Social Development;* S. M. Lipset, *Political Man;* C. C. Brinton, *The Anatomy of Revolution.*

836. Comparative Social Institutions. Mr. S. J. Gould (day). Thirty lectures, beginning in the Summer Term of the first year and continuing during the Michaelmas and Lent Terms of the second year.

For B.A./B.Sc. (Sociology), Option I and Option II (Second Year); B.Sc. (Econ.) Part II (RR)—*Elements of Social Structure II,* I 3l; II 3i; V 8h (Third Year students). For Diploma in Social Administration (First Year), and for Diploma in Social Administration (Overseas Option) (First Year), Summer Term only; Optional for Diploma in Public Administration (First and Second Years).

Syllabus.—Institutional aspects of the social structure of the principal types of society. The structure and classification of social groups. Social stratification, status and roles. The classification of societies.

The description and analysis of leading institutions and their functions in the fields of communication, economic production and allocation, socialisation and sexual regulation, social control, magic and ritual practices.

Some varieties of social change.

Recommended reading.—L. T. Hobhouse, *Morals in Evolution* (7th edn.), Part I, Chaps. 2 and 3; *Social Development,* Chaps. 1, 2, 5, 11 and 13; M. Ginsberg, *On the Diversity of Morals,* Chaps. 12, 14 and 18; V. G. Childe, *What Happened in History;* E. Westermarck, *A Short History of Marriage,* Chaps. 3, 4, 9 and 10; H. S. Maine, *Ancient Law,* Chap. 8; F. L. Nussbaum, *A History of the Economic Institutions of Modern Europe.*

K. A. Wittfogel, *The Foundations and Stages of Chinese Economic History* (Zeitschrift für Sozialforschung), Vol. 4; *Oriental Despotism,* Chaps. 1, 2, 3, 7 and 8; S. Hofstra, *Eastern and Western World,* Chaps. 3–8; J. G. Frazer, *The Golden Bough* (abridged edition), Chaps. 3 and 29–42; A. E. Zimmern, *The Greek Commonwealth,* Parts II and III; W. W. Tarn and G. T. Griffith, *Hellenistic Civilisation,* Chap. 3; F. R. Cowell, *Cicero and the Roman Republic,* Chaps. 3–12, 15–18; C. Bailey (Ed.), *Legacy of Rome* (Chapter on Family and Social Life); H. Pirenne, *Medieval Cities,* Chaps. 3–8; *Cambridge Economic History,* Vol. I, Chaps. 6 and 8; R. W. Southern, *The Making of the Middle Ages,* Chap. 2; H. Sidgwick, *The Development of European Polity,* Chaps. 4–11, 14–20; T. F. Hoult, *The Sociology of Religion,* Chaps. 10, 11 and 12.

T. H. Marshall, *Citizenship and Social Class;* D. V. Glass (Ed.), *Social Mobility in Britain;* A. Flanders and H. A. Clegg, *The System of Industrial Relations in Great Britain,* Chaps. 1, 2 and 3; E. Durkheim, *The Division of Labour in Society;* C. W. Mills, *White Collar;* H. H. Gerth and C. W. Mills, *Character and Social Structure,* Parts I, III and IV; M. Halbwachs, *The Psychology of Social Classes;* R. Bendix and S. Lipset, *Social Mobility in Industrial Society,* Parts I and III.

837. Political Sociology. Mr. McKenzie. Fifteen lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For B.A./B.Sc. (Sociology) Option I (Third Year); B.Sc. (Econ.) Part II (OR)—Special subject of Sociology; Part II (RR)—*Political Sociology,* VIII 8e. Also recommended for graduate students.

Syllabus.—The meaning, scope and method of political sociology; some basic concepts. The contribution of a selected list of writers to the historical development of the subject (including Marx, Tocqueville, Pareto, Michels, Mosca, Sorel, Durkheim, Weber, Graham Wallas).

The relations of the state to other institutions. Social movements, political parties and interest groups—their place in the political process; problems of their inner development; leadership, oligarchy and bureaucracy. The study of political behaviour—participation and non-participation in politics; factors influencing electoral choice; the mass media and public opinion. Decision making and the political process—the rôle and social background of political decision-makers. Bureaucracy and the administrative process.

Recommended reading.—H. Eulau and others, *Political Behaviour;* R. Lipset, *Political Man;* H. Hyman, *Political Socialization;* R. Bendix and S. Lipset, " Political Sociology " (*Current Sociology*, Vol. VI, No. 2, 1957); R. Michels, *Political Parties;* S. Neumann (Ed.), *Modern Political Parties;* R. H. Lowie, *The Origin of the State;* M. Weber, " Politics as a Vocation " in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber;* R. T. McKenzie, *British Political Parties; the Distribution of Power within the Conservative and Labour Parties;* S. D. Bailey (Ed.), *The British Party System;* V. O. Key, *Politics, Parties and Pressure Groups;* G. Wallas, *Human Nature in Politics.*

N. Macchiavelli, *The Prince;* H. Taylor, *The Statesman;* M. Ostrogorski, *Democracy and the Organisation of Political Parties;* M. Duverger, *Political Parties;* A. Leisersen, *Parties and Politics;* G. Mosca, *The Ruling Class;* V. Pareto, *The Mind and Society;* H. D. Lasswell and others, *The Comparative Study of Elites;* C. W. Mills, *The Power Elite;* F. Oppenheimer, *The State;* R. M. MacIver, *The Modern State; The Web of Government;* R. K. Merton and others, *Reader in Bureaucracy;* R. Michels, " Some Reflections on the Sociological Character of Political Parties " (*American Political Science Review*, Nov., 1927); R. Aron, " Social Structure and the Ruling Class " (*British Journal of Sociology*, March and June, 1950); J. A. Schumpeter, *Capitalism, Socialism and Democracy;* B. R. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication;* H. D. Lasswell, *Politics; Who Gets What, When, How;* H. D. Lasswell and A. A. Kaplan, *Power and Society;* G. L. Field, *Governments in Modern Society;* D. E. Butler and R. Rose, *The British General Election of* 1959; M. Abrams, *et al.*, *Must Labour Lose?;* J. Trenaman and D. McQuail, *Television and the Political Image;* B. R. Berelson and others, *Voting;* S. Lipset and others, " The Psychology of Voting " in A. Lindzey (Ed.), *Handbook of Social Psychology;* A. Campbell and others, *The American Voter;* E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour;* W. Kornhauser, *The Politics of Mass Society;* M. Benney, P. Gray and R. H. Pear, *How People Vote;* J. Bonham, *The Middle Class Vote;* R. S. Milne and H. C. Mackenzie, *Straight Fight;* S. H. Beer, " Pressure Groups and Parties in Britain " (*American Political Science Review*, Vol. 50, 1956); S. E. Finer, *Anonymous Empire;* J. D. Stewart, *British Pressure Groups; Political Quarterly*, January–March, 1958: Special number on Pressure Groups; P. Potter, *Organized Groups in British National Politics;* M. Harrison, *Trade Unions and the Labour Party since* 1945; D. D. McKean, *The Boss;* V. O. Key and A. Heard, *Southern Politics in State and Nation;* D. B. Truman, *The Governmental Process;* J. Towster, *Political Power in the U.S.S.R.*, 1917–1947; L. Trotsky, *The Revolution Betrayed;* B. D. Wolfe, *Three Who Made a Revolution;* D. R. Matthews, *The Social Background of Political Decision-Makers.*

838. Feudal Society. Professor Plucknett. Five lectures, Lent Term.

For B.A./B.Sc. (Sociology), Option I (Second Year); B.A. Honours in History (Second Year).

Syllabus.—Origin and nature of feudalism. The orders of society (nobles, knights, freemen, serfs). Non-feudal elements (clergy, merchants, Jews, aliens). Territorial aspects (realms, honours, fiefs, manors, vills). Organisation of groups (estates and parliaments, boroughs and communes, gilds and corporations). The family (marriage, inheritance, property). Law and custom.

Recommended reading.—F. L. Ganshof, *Feudalism;* M. L. B. Bloch, *La société féodale* (2 vols., 1939–40); A. Dopsch, *The Economic and Social Foundations of European Civilisation;* A. L. Poole, *Obligations of Society in the XII and XIII centuries;* J. Tait, *The Medieval English Borough.*

839. Medieval Society. Dr. Bridbury and Dr. Waley. Ten lectures, Michaelmas Term (1962–63), followed by ten lectures, Michaelmas Term (1963–64).

For B.A./B.Sc. (Sociology), Option I and Option II.

The lectures are mainly concerned with England and France during the period *c.* 1150–1350, though some attention is given to the cities of Italy and Flanders.

Syllabus I (1962–63).—Social and economic change in a feudal society. The fallacy of static analysis. Some causes of change. The effects of a quickening of commercial life upon such institutions as the manor, the town, and the church. Social mobility, education, and instruction in an increasingly lay society, The significance of fluctuations in the size of the population. Capitalism. Restrictionism. The role of war. The evolution of ecclesiastical thinking on trade. The beginnings of non-conformity. Problems of social policy.

Recommended reading.—D. Ricardo, *Principles of Political Economy;* E. A. Kosminsky, *Studies in the Agrarian History of England;* A. Abram, *Social England;* E. Power, *The Wool Trade;* J. H. Ramsay, *The Revenues of the Kings of England;* H. Rashdall, *The Universities of Europe* (revised edn.); G. G. Coulton, *The Medieval Village* (paperback title: *Medieval Village, Manor and Monastery*); J. T. Noonan, *The Scholastic Analysis of Usury;* E. M. Carus-Wilson, *Medieval Merchant Venturers;* J. R. Green, *Town Life in the Fifteenth Century;* F. Davenport, *The Economic History of a Norfolk Manor; The Cambridge Economic History of Europe*, Vols. I and II; D. Knowles, *The Religious Orders in England;* I. Origo, *The Merchant of Prato.*

Syllabus II (1963–64).—The historical background to the development of feudal institutions. Theories of the state and of kingship. Knighthood and chivalric ideas. Classes: the king; knights; merchants; churchmen; peasants. Political and social institutions: the central government; parliament; the judicature; local government; palatinates and seignorial government; ecclesiastical institutions. Developments: the changing nature of armies; changing feudal institutions; ' bastard feudalism '. City-states: their social structure and political organisation; magnates and ' popular ' parties; factions.

Recommended reading.—M. Bloch, *Feudal Society;* D. M. Stenton, *English Society in the Early Middle Ages;* A. L. Poole, *Obligations of Society in the Twelfth and Thirteenth Centuries;* S. Painter, *Studies in the History of the English Feudal Barony* and *French Chivalry;* S. Thrupp, *The Merchant Class of Medieval London;* S. B. Chrimes, *Introduction to the Administrative History of Medieval England;* N. Denholm-Young, *Seignorial Administration in England;* H. M. Cam, *Liberties and Communities in Medieval England;* J. R. H. Moorman, *Church Life in England in the Thirteenth Century;* J. Huizinga, *The Waning of the Middle Ages;* G. A. Holmes, *The Estates of the Higher Nobility in the Fourteenth Century;* H. Pirenne, *Medieval Cities* and *Belgian Democracy;* J. H. Mundy and P. Riesenberg, *The Medieval Town;* J. Lestocquoy, *Les Villes de Flandre et d'Italie sous le gouvernement des Patriciens;* Y. Renouard, *Les Hommes d'Affaires Italiens du Moyen Age.*

839(A). Civilization of the Middle Ages (Classes). Weekly classes will be held for B.A./B.Sc. (Sociology) students, Option I, during the Michaelmas Term.

840. Graeco-Roman Civilization: Part II. The Roman Empire (31 B.C.–305 A.D.). Mr. Duncan-Jones. Ten lectures and ten classes, Lent Term.

For B.A./B.Sc. (Sociology), Option I (Second and Third Years).

Syllabus.—The Augustan settlement realigns the elements of the Republican constitution; policy is decided by the Princeps and his advisers, consultation with the Senate becoming purely formal. The popular assemblies lose their rights. Provincial administration divided between Princeps and Senate, Princeps controlling areas under military occupation. Stabilisation of military establishment. The army as an instrument of Romanisation. Active city-life during first two centuries A.D. Status of provincial cities. Extension of

citizenship. The imperial cult in the provinces. Revival of military dominance at the end of c. II is followed by period of civil and foreign wars. Reforms of Diocletian check decline: reorganization of troops, provinces, taxes and coinage. Growth of the administrative bureaucracy.

Class-structure; status based on wealth; financial obligations of office. Senatorial and equestrian careers. Introduction of provincials into the Senate. Enlargements of civil service favour knights. Slaves and freedmen in Roman life. Clientship. Roman law. Internal trade; transport limitations and customs restrictions. External luxury trade; bullion shortage. Deterioration of coinage. Shortage of investments. Population and life-expectation.

Recommended reading.—M. Cary, *A History of Rome;* R. Syme, *The Roman Revolution;* T. Frank, *Roman Imperialism;* A. N. Sherwin-White, *The Roman Citizenship;* F. E. Adcock, *Roman Political Ideas and Practice;* G. Boissier, *L'Opposition sous les Césars;* Th. Mommsen, *The Provinces of the Roman Empire from Caesar to Diocletian;* G. H. Stevenson, *Roman Provincial Administration;* J. Carcopino, *Daily Life in Ancient Rome;* S. Dill, *Roman Society from Nero to Marcus Aurelius;* M. Rostovtseff, *Social and Economic History of the Roman Empire*, 2nd edn., 1957; M. P. Charlesworth, *Trade Routes and Commerce of the Roman Empire;* A. H. M. Jones, *The Cities of the Roman Empire* (Recueils de la Société Jean Bodin, Bruxelles, 1954 to 1955); A. M. Duff, *Freedmen in the Early Roman Empire;* H. F. Jolowicz, *Historical Introduction to Roman Law;* L. Harmand, *Le Patronat sous l'Empire romaine;* A. H. M. Jones, *The Greek City from Alexander to Justinian;* H. M. D. Parker, *The Roman Legions;* R. E. M. Wheeler, *Rome beyond the Imperial Frontiers;* E. Gibbon, *The Decline and Fall of the Roman Empire* (Ch. 1–13); J. A. O. Larsen, *Representative Government in Greek and Roman History;* M. I. Finley (Ed.) *Slavery in Classical Antiquity;* W. L. Westermann, *The Slave-Systems of Greek and Roman Antiquity;* M. Cary and T. J. Haarhoff, *Life and Thought in the Greek and Roman World;* H. I. Marrou, *A History of Education in Antiquity;* M. Cary, *The Geographic Background of Greek and Roman History;* F. Haverfield, *Ancient Town-Planning;* F. de Coulanges, *La Cité antique.*

841. Environment and Heredity. Professor Glass. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II (OR)—Special subject of Sociology; Part II (RR)—*Theory and Methods of Sociology*, VIII 4; B.A./B.Sc. (Sociology) (Second Year).

Syllabus.—Elements of human genetics. Difficulties of analysis when graded characters are concerned. The meaning and measurement of "environment". Alternative approaches to the study of the "nature-nurture" complex. Twin and foster-child studies. The use of follow-up inquiries. Specific illustrations of problems of analysis with reference to the trend of intelligence and to "problem families".

Recommended reading.—Introductory references: L. S. Penrose, *The Biology of Mental Defect;* C. Stern, *Principles of Human Genetics;* W. C. Boyd, *Genetics and the Races of Man;* J. Sutter, *L'Eugénique;* R. S. Woodworth, *Heredity and Environment.*

Other references will be given during the course.

842. Modern Britain Class. A weekly class will be held throughout the session for students taking the B.Sc. (Econ.) Part II (OR)—Special subject Sociology (ii).

843. Introduction to the Social Structure of Modern Britain. Mr. McKenzie and Dr. Erickson. Twenty-four lectures, Sessional.

For B.A./B.Sc. (Sociology), Option I (First Year).

(a) Historical Introduction to Modern Britain. Dr. Erickson. Fourteen lectures, Michaelmas and Lent Terms.

Syllabus.—The characteristics of mid-nineteenth-century society as indicated by the 1851 census and other contemporary material: the number, rate of increase, age structure, occupations, and urban-rural distribution of the population; the physical conditions of homes and workplaces, and their effects; the distribution of income, the sources of wealth, and the opportunities of rising in income and social status. The institutional influences on social stability and social mobility: schools, churches, voluntary organisations; the narrow scope of public policy.

The technological, economic and political influences underlying and interacting with social conditions; some of the institutions of social adaptation during the period of accelerated social change since 1850, especially philanthropic organisations, trade unions, co-operatives, schools and political parties.

Recommended reading.—W. H. B. Court, *A Concise Economic History of Britain from 1750 to Recent Times*, Book II; G. M. Young (Ed.), *Early Victorian England;* A. Briggs, *Victorian People;* J. L. and B. Hammond, *The Bleak Age;* C. Booth, *Occupations of the People: England, Scotland, Ireland*, 1841–1881; A. F. Weber, *The Growth of Cities in the Nineteenth Century;* R. D. Baxter, *National Income;* A. L. Bowley, *Wages and Income in the United Kingdom since* 1860; B. K. Gray, *Philanthropy and the State;* H. L. Beales, *The Making of Social Policy;* G. A. N. Lowndes, *The Silent Social Revolution;* A. M. Carr-Saunders and P. A. Wilson, *The Professions;* Local Government Board, *Statistical Memoranda and Charts relating to Public Health and Social Conditions* (B.P.P. 1909, CIII); E. H. Phelps Brown, *The Growth of British Industrial Relations;* J. Saville, *Rural Depopulation in England and Wales*, 1851–1951.

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

Syllabus.—The nature of parliamentary democracy; the structure of central and local government.

The structure and function of political parties; the rôle of interest groups; social stratification and other factors influencing electoral behaviour; the influence of the mass media.

Recommended reading.—W. I. Jennings, *Parliament; Cabinet Government; The British Constitution;* H. R. G. Greaves, *The British Constitution;* H. J. Laski, *Reflections on the Constitution;* H. S. Morrison, *Government and Parliament;* J. H. Warren, *The English Local Government System;* R. T. McKenzie, *British Political Parties;* J. Bonham, *The Middle Class Vote;* R. S. Milne and H. C. MacKenzie, *Straight Fight;* M. Benney, P. Gray and R. H. Pear, *How People Vote;* J. D. Stewart, *British Pressure Groups;* S. E. Finer, *Anonymous Empire.*

844. The Social Structure of Modern Britain. Dr. Little, Dr. Tropp and Mr. Westergaard. Sessional.

For B.A./B.Sc. (Sociology), Option I (Second Year); B.Sc. (Econ.) Part II (OR)—Special subject of Sociology; Part II (RR)—*Social Structure of Modern Britain*, VIII 6 (Third Year students); for Diploma in Social Administration (Second and One year students), and Diploma in Personnel Management.

Syllabus.—The recruitment and distribution of the population; demographic changes and their social significance; the growth and character of the urban population. The family, its structure and functions.

Changes in industrial structure, including forms of ownership and control; the development of specialised management; changes in occupational structure and in the nature and distribution of skills; the employment of women; the system of industrial relations.

The economic basis of stratification; élites and the distribution of power; cultural differences and the relations between classes; social mobility; the influence of the educational system.

The religious and moral codes; church, family and school as agencies of social control. The institutions of public justice. Communication and mass media.

Recommended reading.—J. L. and B. Hammond, *The Bleak Age;* G. M. Young, *Victorian England;* A. M. Carr-Saunders and others, *A Survey of Social Conditions in England and Wales; Report of the Royal Commission on Population* (Cmd. 7695); G. D. M. Block, *The Spread of Towns;* J. A. Banks, *Prosperity and Parenthood;* M. Young and P. Wilmott, *Family and Kinship in East London;* O. R. McGregor, *Divorce in England;* R. Glass, "Urban

Sociology in Great Britain" (*Current Sociology*, Vol. IV, No. 4); D. V. Glass, *The Town; Report of the Royal Commission on the Distribution of the Industrial Population* (Cmd. 6153); J. Saville, *Rural Depopulation in England and Wales;* H. Llewellyn Smith (Ed.), *The New Survey of London Life and Labour* (Vols. I and IX); A. D. Rees, *Life in a Welsh Countryside;* G. D. H. Cole, *Studies in Class Structure;* C. A. R. Crosland, *The Future of Socialism;* H. F. Lydall, *British Incomes and Savings;* P. Sargant Florence, *The Logic of British and American Industry; Ownership, Control and Success of Large Companies;* A. Flanders and H. A. Clegg, *The System of Industrial Relations in Great Britain;* R. V. Clements, *Managers;* I. C. McGivering and others, *Management in Britain;* D. V. Glass, *Social Mobility in Britain;* T. H. Marshall, *Citizenship and Social Class;* A. M. Carr-Saunders and P. A. Wilson, *The Professions;* R. K. Kelsall, *Higher Civil Servants in Britain;* A. Tropp, *The School Teachers;* D. Lockwood, *The Blackcoated Worker;* F. Zweig, *The British Worker; The Worker in an Affluent Society;* O. Banks, *Parity and Prestige in English Secondary Education;* J. E. Floud, A. H. Halsey and F. M. Martin, *Social Class and Educational Opportunity;* J. Bonham, *The Middle Class Vote;* M. Benney, A. P. Gray and R. H. Pear, *How People Vote; Report of the Royal Commission on the Press* (Cmnd. 7700); F. Williams, *Dangerous Estate: the Anatomy of Newspapers;* R. Hoggart, *The Uses of Literacy;* B. Paulu, *British Broadcasting: Radio and Television in the United Kingdom;* M. Argyle, *Religious Behaviour;* E. R. Wickham, *Church and People in an Industrial City;* W. G. Friedmann, *Law in a Changing Society;* M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century;* R. Glass, *Newcomers;* M. Freedman, *A Minority in Britain.*

Additional reading lists will be given for class work.

845. The Social Structure of Modern Britain Classes. Classes will be held in connexion with course No. 844 for B.Sc. (Econ.) Part II (RR) VIII 6 (Third Year students).

846. The Social Structure of Modern Britain Classes. Weekly classes will be held for B.A./B.Sc. (Sociology) students (Option I) as follows:

Second Year: Summer Term.
Third Year: Michaelmas and Lent Terms.

847. Criminology. Mr. Hall Williams. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subject of Sociology, Option (iv) (c); Part II (RR)—*Criminology*, VIII 8c (Second Year students); B.A./B.Sc. (Sociology) Option I (Second Year); for Diploma in Social Administration (First Year); optional for the Diploma in Social Administration (Overseas option) (First Year).

Syllabus.—Conception of crime. Functions and methods of criminology. Criminal types and causal factors in crime; physical, psychological, social and economic factors. Special problems; juvenile and female delinquency. Penal philosophy and psychology, especially meaning and objects of punishment. Penal history. The modern English penal system and the criminal courts. Problems of crime prevention.

Recommended reading.—TEXT BOOKS: H. Jones, *Crime and the Penal System;* E. H. Sutherland, *Principles of Criminology* (6th edn. revised by D. R. Cressey); M. Grünhut, *Penal Reform;* L. W. Fox, *The English Prison and Borstal Systems;* W. A. Elkin, *The English Penal System;* Central Office of Information, *The Treatment of Offenders in Britain*, 1960; U.K. Home Office, *Prisons and Borstals* (Revised edn., 1960).

FURTHER READING: D. R. Taft, *Criminology;* W. C. Reckless, *The Crime Problem; Criminal Behavior;* H. E. Barnes and N. K. Teeters, *New Horizons in Criminology;* G. B. Vold, *Theoretical Criminology;* S. Hurwitz, *Criminology;* H. Mannheim, *Group Problems in Crime and Punishment; Social Aspects of Crime in England between the Wars;* H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training;* H. Mannheim (Ed.), *Pioneers in Criminology;* S. S. and E. T. Glueck, *Unravelling Juvenile Delinquency;* S. S. Glueck (Ed.), *The Problem of Delinquency; Physique and Delinquency;* P. W. Tappan, *Juvenile Delinquency; Crime, Justice and Correction;* A. Aichhorn, *Wayward Youth;* C. L. Burt, *The Young Delinquent;* J. Bowlby, *Forty-four Juvenile Thieves; Maternal Care and Mental Health;* D. H. Stott, *Delinquency and Human Nature; 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, *Crime and Society;* W. Norwood East, *Society and the Criminal; The Sutherland Papers* (Ed. A. K. Cohen and others); S. Rubin, *Crime and Juvenile Delinquency;* E. Powers and H. Witmer, *An Experiment in the Prevention of Delinquency—The Cambridge-Somerville Youth Study;* B. Wootton, *Social Science and Social Pathology;* W. M. and J. McCord, *Origins of Crime;* U.K. Home Office, *Delinquent Generations*, 1960; 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;* G. Sykes, *Society of Captives;* H. J. Klare, *Anatomy of Prison;* H. Ashley Weeks, *Youthful Offenders at Highfields;* W. E. Cavenagh, *The Child and the Court;* O. Nyquist, *Juvenile Justice;* F. H. McClintock and others, *Attendance Centres;* F. H. McClintock and E. Gibson, *Robbery in London.*

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; U.K. Home Office, *The Probation Service; its Objects and its Organisation*, 1958; *Time Spent Awaiting Trial*, 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.

848. Some Theoretical Aspects of Criminology. Dr. Little. Five lectures, Summer Term.

For B.A./B.Sc. (Sociology) Option I (Second Year); B.Sc. (Econ.) Part II (RR)—*Criminology*, VIII 8c (Second Year students).

Syllabus and **recommended reading** will be given at the beginning of the course.

849. (a) The Causes and Treatment of Crime (Class). Weekly classes will be held in the Michaelmas Term by Dr. T. P. Morris, and in the Lent Term by Dr. Little, for students taking B.A./B.Sc. (Sociology) Option I (Second Year), and B.Sc. (Econ.) Part II (RR) —*Criminology*, VIII 8c (Second Year students).

(b) **The Causes and Treatment of Crime (Class). Criminology and Penology.** A weekly class will be held by Dr. T. P. Morris in the Michaelmas and Lent Terms for students taking the B.Sc. (Econ.) Part II (OR)—Special subject of Sociology, Option (iv) (c).

850. Selected Problems of Criminology and Penology. Dr. T. P. Morris and visiting lecturers. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (RR)—*Criminology*, VIII 8c (Third Year students); B.A./B.Sc. (Sociology) (Third Year) and for students who have already attended Course No. 847 (Criminology). For Diploma in Social Administration (Second Year), and Overseas (Second Year).

Recommended reading.—As for Course No. 847 above. Further literature will be recommended during the course.

851. The Causes and Treatment of Crime (Seminar). Mr. Hall Williams and Dr. T. P. Morris will hold a seminar in alternate weeks during the Michaelmas and Lent Terms for students taking B.A./B.Sc. (Sociology) (Third Year), and B.Sc. (Econ.) Part II (RR)—*Criminology*, VIII 8c (Third Year students).

852. Elementary Philosophy and Ethics. Mr. Newfield. Twenty lectures, Michaelmas and Lent Terms.

First ten lectures for B.Sc. (Econ.) Part II (RR)—*Social Philosophy*, V 8g; VI 7 and 8l.

Whole course for B.Sc. (Econ.) Part II (RR)—*Social Philosophy*, VIII 5 and B.A./B.Sc. (Sociology) (First Year). Subject of Ethics and Social Philosophy.

Syllabus.—This course will describe some of the basic kinds of ethical theory, with reference to the works of the moral philosophers listed below. It will also discuss some problems such as the relation of morals to knowledge, freedom, and the justification of obligation. A modest introduction to general philosophy will be provided, since without this the clear exposition of the ethical theories is not possible.

Recommended reading.—(i) Older Works: Plato, *Republic;* Aristotle, *The Nicomachean Ethics;* J. Butler, *Sermons on Human Nature;* D. Hume, *A Treatise of Human Nature, being an attempt to introduce the experimental method of reasoning into moral subjects;* H. J. Paton, *The Moral Law, or Kant's Groundwork of the Metaphysic of Morals;* J. S. Mill, *Utilitarianism;* G. E. Moore, *Principia Ethica;* L. T. Hobhouse, *The Rational Good.*

(ii) Commentaries and Recent Works: A. J. Ayer, *Language, Truth and Logic;* C. D. Broad, *Five Types of Ethical Theory;* R. G. Collingwood, *An Autobiography;* A. C. Ewing, *The Definition of Good;* R. M. Hare, *The Language of Morals;* H. J. Paton, *The Categorical Imperative: A Study in Kant's Moral Philosophy;* J. P. Plamenatz, *The English Utilitarians;* A. N. Prior, *Logic and the Basis of Ethics;* D. D. Raphael, *The Moral Sense;* W. S. Sellars and J. Hospers (Eds.), *Readings in Ethical Theory;* H. Sidgwick, *Outlines of the History of Ethics for English Readers;* C. H. Waddington, *Science and Ethics;* H. M. Warnock, *Ethics since 1900.*

Further reading will be recommended during the lectures.

853. Concepts of Society. Professor Gellner. Five lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year).

Syllabus.—Alternative general views of society and man's place in it will be discussed, with special reference to their methodological and ethical implications.

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

854. Modern Social Philosophies. Professor Gellner. Ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Third Year).

Syllabus.—Selected recent or contemporary social philosophies will be discussed.

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

855. Social Philosophy. Professor Ginsberg (day). Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (OR)—Special subjects of Sociology and Economic History (Modern), Option (v) (d), Economic History (Mediaeval), Option (v) (g), and Social Anthropology, Option (v) (b); B.Sc. (Econ.) Part I (RR)—Alternative subject 14, Ethics as Applied to Social Organisation; B.A./B.Sc. (Sociology) (Second Year); B.A. Honours in Anthropology. For the Academic Diplomas in Anthropology and Psychology, the Diploma in Social Administration (Second Year) and the Diploma in Social Administration (Overseas Option) (Second Year).

Syllabus.—Types of ethical theory. An approach to a rationalist theory of ethics. The ethical evaluation of social institutions. The concept of justice. Justice and the body of rights and duties. Liberty and equality. The ethical basis of representative government. The ends and limits of state action. Ethics and the economic order. Ethical aspects of marriage and the family. Justice between states. Law and morals. Theories of punishment.

Recommended reading.—A. C. Ewing, *Ethics;* C. D. Broad, *Five Types of Ethical Theory;* Sir W. D. Ross, *Kant's Ethical Theory;* H. Sidgwick, *The Methods of Ethics;* L. T. Hobhouse, *The Rational Good;* B. Blanshard, *Reason and Goodness;* M. Ginsberg, *On the Diversity of Morals;* J. S. Mill, *On Liberty;* T. H. Green, *Lectures on the Principles of Social and Political Obligation;* L. T. Hobhouse, *The Elements of Social Justice;* E. F. Carritt, *Morals and Politics;* Sir E. Barker, *Principles of Social and Political Theory;* J. A. Hobson, *Wealth and Life;* H. L. A. Hart, *The Concept of Law;* Sir C. K. Allen, *Aspects of Justice;* M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century;* W. G. Friedmann, *Law in a Changing Society;* A. C. Ewing, *The Morality of Punishment.*

856. Social Philosophy Class. A weekly class will be held throughout the session for students taking the B.Sc. (Econ.) Part II (OR)—Special subjects of Sociology (iii), Economic History (Modern) Option (v) (d), Economic History (Mediaeval) Option (v) (g) and of Social Anthropology, Option (v) (b); Part II (RR)—*Social Philosophy*, V 8g; VI 7 and 8l; VIII 5.

857. Social Philosophy Classes. Classes will be held for all B.A./B.Sc. (Sociology) students as follows:
First Year: Ten classes.
Second Year: Ten classes.
Third Year: Five classes.

858. General Sociology Classes. Classes will be held weekly throughout the session for all B.A./B.Sc. (Sociology) students in their second and third years.

FOR GRADUATE STUDENTS

860. Sociology (Seminar). A seminar for graduate students will be held by Professor Glass and others, beginning in the middle of the Michaelmas Term.

861. Social Philosophy (Seminar). A seminar for graduate students will be held by Professor Ginsberg in the Michaelmas Term.

862. Criminology (Graduate Seminar). Mr. Hall Williams will hold a seminar in alternate weeks during the Michaelmas and Lent Terms for graduate students.

863. Selected Problems in Social Pathology (Seminar). Dr. T. P. Morris. A fortnightly seminar for graduate students will be held in the Michaelmas and Lent Terms. It will alternate with Course No. 862, Criminology (Graduate Seminar).

Syllabus.—Selected issues in social pathology including crime, the sociology of mental disorder, suicide, alcoholism and addiction.

Recommended reading.—Detailed references to selected texts will be given during the course.

864. Selected Issues in Contemporary Sociology. Dr. Tropp, Dr. Little, Mr. Holmes and Mr. de Kadt. Michaelmas and Lent Terms (beginning in the fifth week of the Michaelmas Term).

For graduate students.

Syllabus.—Consideration of the relationship between sociology and psychology in a number of selected areas of theory and empirical research.

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

865. The Social Structure of France. Dr. Clifford-Vaughan. Ten lectures, Lent Term.

For graduate students in Sociology and Government.

Syllabus.—The milieu: natural and political. Population. The French educational system. Rural France. Urban France. Workers and trade unions. Official France: administrative and political personnel. The traditional forces: the Army and the Church.

Recommended reading.—R. Aron and others, *Inventaires III. Les classes moyennes;* E. Beau de Loménie, *Les responsabilités des dynasties bourgeoises* (3 vols.); H. Calvet, *La société française contemporaine;* B. Chapman, *The profession of Government: the public service in Europe;* L. Chevalier, *Classes laborieuses et classes dangereuses;* E. R. Curtius, *The civilisation of France, An introduction;* M. Duverger (Ed.), *Partis politiques et classes sociales en France;* J. Fauvet and H. Mendras (Eds.), *Les paysans et la politique dans la France contemporaine;* G. Friedmann, *Le travail en miettes* (13th edn.); R. Girardet, *La société militaire dans la France contemporaine* (1815–1939); M. Halbwachs, *The Psychology of Social Class;* H. Luethy, *France Against Herself* (trans. from the German by E. Mosbacher); R. Métraux and M. Meade, *Themes in French Culture;* C. Morazé, *La France bourgeoise;* A. Siegfried, *France, A study in Nationality;* A. Siegfried and others, *Aspects de la société française;* S. Weil, *La condition ouvrière.*

Additional references for reading will be given during the course.

866. The Social Structure of Modern Japan. Mr. Dore. Ten lectures, Michaelmas Term.

For Third Year and Graduate students of Sociology and Anthropology.

Syllabus.—Demographic measurements of the population, the family, village organisation, employment practices and trade unions, social stratification, social mobility, the educational system, political attitudes and organisation. The emphasis will be on change over the last century.

Recommended reading.—W. W. Lockwood, *The Economic Development of Japan;* I. B. Taeuber, *The Population of Japan;* R. K. Beardsley and others, *Village Japan;* R. P. Dore, *City Life in Japan;* Y. S. Matsumoto, *Contemporary Japan;* G. R. Storry, *A History of Modern Japan;* R. A. Scalapino, *Democracy and the Party Movement in Pre-war Japan;* N. Ike, *Japanese Politics;* J. C. Abbeglen, *The Japanese Factory;* S. B. Levine, *Industrial Relations in Postwar Japan;* G. C. Allen, *Japan's Economic Recovery.*

867. Modern Japanese Society (Seminar). Mr. Dore will hold a Seminar in the Lent Term for graduate students on selected aspects of Japanese social structure.

868. American Society since 1939: selected topics (Seminar). Mr. S. J. Gould.

Students will be required to read the following basic list of books.—J. K. Galbraith, *The Affluent Society;* W. Herberg, *Protestant—Catholic—Jew;* S. Lubell, *The Future of American Politics;* C. W. Mills, *The Power Elite;* D. Riesman, *The Lonely Crowd;* E. A. Shils, *The Torment of Secrecy;* W. H. Whyte, Jr., *The Organisation Man.*

869. Contemporary Sociological Theories (Seminar). Mr. S. J. Gould. Michaelmas and Lent Terms. (Beginning in the second week of Michaelmas Term.)

For graduate students.

Syllabus.—Selected topics in sociological theory and their application—with particular reference to the sociology of politics, industrial sociology, and the sociology of religion.

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

870. Sociology of Development (Seminar). Mr. Bottomore, Mr. Dore and Professor Gellner will hold a seminar in the Michaelmas and Lent Terms for graduate students.

871. Mathematical Method for Sociologists (Graduate Seminar). Dr. Morton. Summer Term.

For graduate students of Sociology and Anthropology.

Syllabus.—The use of mathematical thinking and techniques in the fields of sociology and anthropology will be discussed.

Recommended reading.—J. C. Kemeny and others, *Introduction to Finite Mathematics;* H. A. Simon, *Models of Man;* A. Rapoport, *Fights, Games and Debates.*

Note.—The attention of graduate students specialising in Sociology is drawn to the following seminars:

626. Problems of Contemporary Socialism (Seminar). Held by Dr. Miliband in the Lent Term.

628. Parties, Pressure Groups and the Political Process (Seminar). Held by Mr. McKenzie and Mr. Pear weekly in the Lent and Summer Terms, for graduate students specialising in Sociology or in Government.

662. Seminar on Comparative Social Institutions (Western, Oriental and Primitive). Held by Professor Schapera, Dr. Freedman, Mr. Dore and Professor MacRae throughout the session.

665. Current Problems in the Middle East and North Africa (Seminar). Held by Dr. Stirling, Dr. Penrose, Mr. Kedourie and Mr. Watt weekly in the Michaelmas and Lent Terms.

989. Design and Analysis of Social Investigations. Professor Moser, Miss Gales, Dr. Oppenheim and Mr. Westergaard, throughout the session.

Reference should also be made to the following sections and courses:—

Anthropology.
Demography.
Psychology.
Social Science and Administration.

No. 55.—**Labour: organisation and relations.**
No. 60.—**The Economics of the Labour Market.**
No. 616.—**Trade Unions in Britain.**
No. 753.—**The Social Organisation of Industry.**
No. 920.—**Elementary Statistical Methods.**
No. 922.—**Statistical Methods (Sociology).**
No. 946.—**The Nature and Sources of Social Statistics.**
No. 947.—**Survey Methods in Social Investigation.**

STATISTICS, MATHEMATICS, COMPUTATIONAL METHODS AND OPERATIONAL RESEARCH

STATISTICS, MATHEMATICS, COMPUTATIONAL METHODS AND OPERATIONAL RESEARCH

Note: In the following list of lectures (RR) and (OR) denote B.Sc. (Econ.) revised regulations and old regulations respectively. For the revised regulations, the title of the examination paper to which each lecture course relates is given in *italics*, the number of a special subject in Roman numerals, and the number of an optional paper in Arabic numerals and letters of the alphabet; the notation corresponds with that used in the regulations on pages 176-193 in Part II of the Calendar.

(a) MATHEMATICS.

910. Basic Mathematics. Professor Allen. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I (RR)—Alternative subject 1 (a) *Basic Mathematics*. Open to others needing an introduction to modern algebra and the calculus; no specific knowledge of elementary mathematics is assumed.

Syllabus.—Concepts of sets, groups and fields. The idea of a function. Mappings and transformations with simple examples. The elementary functions (including the exponential function, the logarithmic function and the circular functions), their expansions, derivatives and integrals. Introduction to complex numbers, to vectors and matrices.

Recommended reading.—I. Adler, *The New Mathematics;* R. G. D. Allen, *Basic Mathematics;* S. I. Altwerger, *Modern Mathematics;* G. Birkhoff and S. MacLane, *A Survey of Modern Algebra;* R. Courant and H. Robbins, *What is Mathematics?;* G. H. Hardy, *Pure Mathematics;* J. G. Kemeny, J. L. Snell and G. L. Thompson, *Finite Mathematics;* D. C. Murdoch, *Linear Algebra for Undergraduates;* W. W. Sawyer, *Mathematician's Delight* and *Prelude to Mathematics* (Pelican Books).

911. Basic Mathematics Class. Mr. T. M. F. Smith. Twenty-five classes, Sessional.

The classes will be held in conjunction with Course No. 910.

912. Intermediate Mathematics. Mr. Hajnal and Dr. Morton (day), Mr. Garside (evening). Twenty lectures, Michaelmas and Lent Terms. (This course will not be given in the evening in 1963–64.)

For B.Sc. (Econ.) Part I (RR)—Alternative subject 1 (b) *Intermediate Mathematics;* Part II (RR)—*Mathematics A*, I 2b or 3m; IV 2c.

Syllabus.—Limits and series. Derivatives and integrals of functions of one variable; extreme values. Series expansions. Complex numbers. Vectors and matrices.

Recommended reading.—J. A. Green, *Sequences and Series;* P. J. Hilton, *Differential Calculus;* W. Ledermann, *Complex Numbers;* P. M. Cohn, *Linear Equations;* F. Gerrish, *Pure Mathematics;* E. A. Maxwell, *An Analytical Calculus;* J. G. Kemeny, J. L. Snell and G. L. Thompson, *Introduction to Finite Mathematics;* R. Courant, *Differential and Integral Calculus* (Vol. I); G. Birkhoff and S. Maclane, *A Survey of Modern Algebra.*

913. Intermediate Mathematics Class. Mr. Hajnal and Dr. Morton (day), Mr. Garside (evening). Twenty classes, Sessional (beginning in the third week of the Michaelmas Term).

The classes will be held in conjunction with Course No. 912.

914. Mathematics I. Miss Gales. Twenty hours, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Mathematics A*, I 2b; IV 2c. (Third Year students); *Mathematics B*, I 2c or 3m; IV 2d; IX 3; X 3 (Second Year students).

Syllabus and **recommended reading** will be given at the beginning of the course.

915. Mathematics II. Miss Gales. Forty hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR)—*Mathematics B*, I 2c or 3m; IV 2d; IX 3; X 3 (Second Year students).

Syllabus and **recommended reading** will be given at the beginning of the course.

916. Mathematics III. Miss Doig and Mr. T. M. F. Smith. Forty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (RR)—*Mathematics B*, I 2c or 3m; IV 2d; IX 3; X 3 (Third Year students).

Syllabus.—Vector spaces. Matrix algebra. Quadratic forms. n-dimensional geometry of lines, planes and quadrics. Functions of several variables. Multiple integrals. Functions of a complex variable. Fourier series and integrals. Laplace transforms.

Recommended reading.—A. C. Aitken, *Determinants and Matrices;* W. L. Ferrar, *Algebra;* T. L. Wade, *The Algebra of Vectors and Matrices;* C. R. Rao, *Advanced Statistical Methods in Biometric Research*, Chap. I; H. Cramér, *Mathematical Methods of Statistics*, Chaps. 10 and 11; R. Courant, *Differential and Integral Calculus;* E. G. Phillips, *Functions of a Complex Variable.*

(b) STATISTICAL THEORY AND METHOD.

920. Elementary Statistical Methods. Professor Moser, Miss Gales and Mr. Kalton. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I (First Year) (RR)—Alternative subject 8: *Methods of Social Investigation;* Part II (RR)—*Economic Statistics and Business Accounts*, III 3; IV 3 (First ten lectures), *Elements of Management Mathematics*, IV 2g (Last five lectures). Diploma in Public Administration; Optional for the Diploma in Personnel Management and for students attending the Trade Union Studies course.

Syllabus.—The analysis and presentation of statistical data. Tables, graphs, and diagrams. Measures of average and dispersion. Calculation of various kinds of index-numbers. Elementary measures of fertility and mortality. Time-series and cross-section data. Elements of association and correlation. Basic ideas of statistical inference.

Recommended reading.—R. G. D. Allen, *Statistics for Economists;* A. R. Ilersic, *Statistics and their Application to Commerce;* A. Bradford Hill, *Principles of Medical Statistics;* J. E. Freund and F. J. Williams, *Modern Business Statistics;* W. A. Wallis and H. V. Roberts, *Statistics, A New Approach;* B. Benjamin, *Vital Statistics.*

921. Elementary Statistical Methods Class. Miss Gales and Mr. Kalton. Thirteen classes, Michaelmas and Lent Terms. (Beginning in third week of Michaelmas Term.)

The classes will be held in conjunction with Course No. 920.

For B.Sc. (Econ.) Part I (RR)—Alternative subject 8; *Methods of Social Investigation* (Students to attend all thirteen classes), B.Sc. (Econ.) Part II (RR)—*Economic Statistics and Business Accounts*, III 3; IV 3. (Students to attend first eight classes.) *Elements of Management Mathematics*, IV 2g. (Students to attend classes in Lent Term only.)

922. Statistical Methods (Sociology). Forty hours extending over three sessions.

(a) Miss Doig and Miss Gales. Twenty hours, Michaelmas and Lent Terms.

For B.A./B.Sc. (Sociology) (First Year).

(b) Professor Moser and Mr. Kalton. Ten hours, Michaelmas Term.

For B.A./B.Sc. (Sociology) (Second Year).

(c) Mr. Carrier. Ten hours, Lent Term.

For B.A./B.Sc. (Sociology) (Third Year).

Syllabus.—Collection, definition and tabulation of data. Diagrammatic representation. Analysis of frequency distributions. Averages and measures of dispersion. Index numbers. The elementary theory of regression and correlation. Background of sampling theory. Calculation of sampling errors. The design of samples.

The application of statistical methods to sociological problems.

Recommended reading.—R. G. D. Allen, *Statistics for Economists;* L. H. C. Tippett, *Statistics;* A. R. Ilersic, *Statistics;* B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method;* A. Bradford Hill, *Principles of Medical Statistics;* W. A. Wallis and H. V. Roberts, *Statistics, a New Approach;* L. R. Connor and A. J. H. Morrell, *Statistics in Theory and Practice;* J. E. Freund and F. J. Williams, *Modern Business Statistics.*

923. Elementary Statistical Theory—I. Professor Durbin. Twenty lectures, Michaelmas and Lent Terms. (This course will be given in the day only in 1962–63 and in both day and evening in 1963–64.)

For B.Sc. (Econ.) Part I (RR)—Alternative subject 2, *Elementary Statistical Theory;* Part II (RR)—*Elements of Statistical Theory and Methods*, I 3g; II 3j; IV 2e; X 6 and 7e.

Syllabus.—Probability and distribution theory. Statistical relationship. Sampling Estimation and tests of hypotheses. Time series and index numbers.

Recommended reading.—B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method;* J. E. Freund and F. J. Williams, *Modern Business Statistics;* P. G. Hoel, *Elementary Statistics.*

924. Elementary Statistical Theory—I Class. Professor Durbin and Mr. T. M. F. Smith. Fifteen classes, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term). (This class will be held in the day only in 1962–63 and in both day and evening in 1963–64.)

The Classes will be held in conjunction with Course No. 923.

925. Elementary Statistical Theory—II. Lecturer to be announced. Ten lectures, Michaelmas Term. (This course will not be given in 1962–63 but will be given in 1963–64.)

For B.Sc. (Econ.) Part II (RR)—*Elements of Statistical Theory and Methods*, I 3g; II 3j; IV 2e; X 6 and 7e (Third Year students); *Theory of Statistical Methods*, I 3c (Third Year students); IX 5 (Second Year students).

926. Probability and Distribution Theory. Mr. Stuart. Twenty lectures and ten classes, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c; Diploma in Operational Research.

Syllabus.—Distribution- and frequency-functions. Moment-generating and characteristic functions. Cumulants. Laws of Large Numbers and Central Limit theorems. Transformations. Order-statistics. The calculus of expectations. Standard errors. Univariate and bivariate normal distribution and associated theory.

Recommended reading.—H. Cramér, *The Elements of Probability Theory;* W. Feller, *An Introduction to Probability Theory and its Applications;* P. G. Hoel, *Introduction to Mathematical Statistics;* A. M. Mood, *Introduction to the Theory of Statistics;* M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. I.

927. Theory of Statistical Methods. Dr. Quenouille. Twenty lectures, Lent Term.

For B.Sc. (Econ.) Part II (RR)—*Theory of Statistical Methods*, I 3c; IX 5.

Syllabus.—Applications of normal distribution theory. Chi-squared test. Regression and correlation analysis. Analysis of variance and covariance. Transformations of variables.

Recommended reading.—C. E. Weatherburn, *A First Course in Mathematical Statistics;* A. M. Mood, *Introduction to the Theory of Statistics;* M. H. Quenouille, *Introductory Statistics.*

928. Statistics, Practical Class. Dr. Quenouille and Mr. T. M. F. Smith. Ten classes of one-and-a-half hours fortnightly during the session.

For B.Sc. (Econ.) Part II (RR)—*Practical Examination*, IX 8; X 8 (Second Year students).

929. Statistics Practical Class. Dr. Quenouille and Mr. T. M. F. Smith. Twenty-five classes of one-and-a-half hours weekly throughout the session.

For B.Sc. (Econ.) Part II (RR)—*Practical Examination*, IX 8; X 8 (Third Year students).

930. Estimation and Tests of Hypotheses. Mr. Stuart. Twenty lectures, Lent Term.

For B.Sc.(Econ.) Part II (RR)—*Probability, Distribution and Sampling Theory*, IX 4; X 6 and 7c.

Syllabus.—Criteria of estimation: consistency, unbiasedness, efficiency, sufficiency, minimum variance. Lower bounds for sampling variance. Sufficient statistics. Completeness. Maximum Likelihood estimators and their properties. Least squares linear estimators: the Gauss-Markov theorem. Confidence intervals. Tests of simple hypotheses: the Neyman-Pearson lemma. Tests of composite hypotheses: the likelihood-ratio principle. Confidence intervals. Tests of fit. Distribution-free methods. Sequential methods.

Recommended reading.—A. M. Mood, *Introduction to the Theory of Statistics*, Chaps. 8, 11, 12; E. L. Lehmann, *Testing Statistical Hypotheses;* M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II.

931. Statistical Theory Class. Professor Durbin. Fifteen classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II—Probability, Distribution and Sampling Theory, IX 4; X 6 and 7c; *Theory of Statistical Methods*, I 3c; IX 5.

932. Design of Experiments. Dr. Quenouille. Six lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Theory of Statistical Methods*, I 3c; IX 5.

Syllabus.—Principles of experimental design. Randomised blocks, Latin squares, Factorial designs.

Recommended reading.—D. R. Cox, *Planning of Experiments;* R. A. Fisher, *The Design of Experiments;* M. H. Quenouille, *The Design and Analysis of Experiment.*

(c) APPLIED STATISTICS

940. Introduction to Statistical Sources. Professor Allen. Ten lectures, Michaelmas Term, and five classes on *Economic Statistics* in the Lent Term.

NOTE.—Further treatments of statistical sources and applications are provided in courses Nos. 946 and 949–53.

For B.Sc. (Econ.) Part II (RR)—*Problems of Applied Economics*, I 5; II 5; IV 5a; *Economic Statistics*, I 6a or 8k; II 8c; V 8i; *Economic Statistics and Business Accounts*. III 3; IV 3; *General Statistics*, IX 8; X 8; Optional for *Economics*, V-VIII 1; XI-XIV 1; Diploma in Public Administration.

Syllabus.—The main sources of statistics of population, manpower, production, consumption, prices, trade, national income. The nature and limitations of these statistics. Their use in illustrating recent economic movements. Index numbers in practice. The elements of the technique of social surveys.

Recommended reading.—C. A. Blyth, *The Use of Economic Statistics;* E. Devons, *An Introduction to British Economic Statistics;* M. G. Kendall (Ed.), *The Sources and Nature of the Statistics of the United Kingdom;* U.K. Central Statistical Office, *New Contributions to Economic Statistics; Monthly Digest of Statistics, Annual Abstract of Statistics, Ministry of Labour Gazette, Board of Trade Journal* and other official publications; U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources, No.* 1, *Labour Statistics; No.* 2, *Census Reports of Great Britain*, 1801–1931; *No.* 4, *Agricultural and Food Statistics; No.* 6, *Census of Production Reports;* London and Cambridge *Economic Bulletin;* National Institute *Economic Review;* C. A. Moser, *Survey Methods in Social Investigation;* A. L. Bowley, *Wages and Income in the U.K. since* 1860.

941. Economic Statistics. (This course will not be given in 1962–63 but will be given in 1963–64.)

For B.Sc. (Econ.) Part II (RR)—*Economic Statistics*, I 6a or 8k; II 8c; V 8i; *Economic Statistics and Business Accounts*, III 3; IV 3.

942. Economic Statistics. Revision Class. (This class will not be held in 1962–63 but will be held in 1963–64.)

The classes will be held in conjunction with Course No. 941.

943. Applied Statistics. Mr. Booker. Twenty hours, Sessional.

For B.Sc. (Econ.) Part II (RR)—*Applied Statistics*, III 8b.

Syllabus.—The object of this course is to make students familiar with the practical problems encountered in collecting, tabulating, and interpreting statistics, and competent to use statistics in commerce, industry, research, etc. Students will work, singly or in groups, on projects involving the collection of raw data from published sources, by observation, by questionnaire, and by interview, and the tabulation, interpretation, and presentation of the statistics so obtained. In these projects, the problems to be solved will simulate, as far as possible, some of those encountered in business.

The course will assume a knowledge of the topics of Course No. 940, Introduction to Statistical Sources, and Course No. 920, Elementary Statistical Methods, and will treat most of them in somewhat greater practical detail. It will include the representation of statistics by charts, diagrams, averages, measurements of dispersion and association, and index-numbers; the practical aspects of sampling and the use of simple tests of significance; the design of blank forms and questionnaires; the sources and interpretation of published economic, financial, and business statistics, and their adaptation to specific problems; the use of mechanical calculating and tabulating equipment; the writing of memoranda and reports based on statistical data. Students should also attend Course No. 128, Elements of Consumer Market Research.

A knowledge of mathematics (other than elementary algebra) or mathematical statistics is not necessary.

Recommended reading.—R. G. D. Allen, *Statistics for Economists;* B. C. Brookes and W. F. L. Dick, *Introduction to Statistical Method;* F. E. Croxton and D. J. Cowden, *Applied General Statistics;* E. Devons, *British Economic Statistics;* F. C. Mills, *Statistical Methods;* G. Yule and M. G. Kendall, *Introduction to the Theory of Statistics* (selected chapters will be mentioned during the course); C. A. Blyth, *The Use of Economic Statistics.* Students should examine, for the nature of their content and forms of presentation, the U.K. *Annual Abstract of Statistics*, the U.K. *Monthly Digest of Statistics*, and other U.K. official publications; the United Nations *Statistical Yearbook* and *Monthly Bulletin of Statistics;* the "London and Cambridge Economic Bulletin" in *The Times Review of Industry* for March, June, September and December; and any other publications (such as the *Economist*) in which statistical data are presented or discussed.

944. General Statistics I. Professor Moser. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II (RR)—*General Statistics*, IX 8; X 8 (Second Year students).

945. General Statistics II. Professor Allen. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II (RR)—*General Statistics*, IX 8; X 8 (Third Year students), and graduate students.

946. The Nature and Sources of Social Statistics. Professor Moser and others. Ten lectures, Lent Term.

For B.A./B.Sc. (Sociology) (Second Year); also for Diploma in Personnel Management; Optional for Diploma in Public Administration.

Syllabus.—An introduction to the sources and nature of statistics in various fields, including: population and vital statistics; households and families; standards and levels of living; cost of living; health; social security; nutrition; education; crime; housing; labour; income and property.

Recommended reading.—References will be given in the course of the lectures.

947. Survey Methods in Social Investigation. Professor Moser. Ten lectures and four classes, Michaelmas and Lent Terms.

Lectures for B.A./B.Sc. (Sociology) (Third Year); B.Sc. (Econ.) Part I (RR), Alternative Subject 8, Methods of Social Investigation; B.Sc. (Econ.) Part II (RR)—*Social Statistics and Survey Methodology*, IX 6 and 7e; X 6 and 7d. For Diploma in Operational Research. Optional for the Diploma in Social Administration (Second Year), and for Diploma in Public Administration. Also recommended for graduate students.

Classes for B.Sc. (Econ.) Part I (RR)—Alternative Subject 8, *Methods of Social Investigation.*

Syllabus.—The nature and evolution of social investigations. Contemporary survey work. Surveys of environment, behaviour and opinions. The planning of surveys. Background of sampling theory. Sample design and sampling techniques. Non-sampling errors and bias. Methods of collecting the data:—documents, observation, mail questionnaires, interviewing. Questionnaire design. The processing, analysis and interpretation of data.

Recommended reading.—F. Yates, *Sampling Methods for Censuses and Surveys;* B. S. Rowntree, *Poverty and Progress; New Survey of London Life and Labour;* H. Cantril and others, *Gauging Public Opinion;* F. Mosteller (Ed.), *The Pre-Election Polls of* 1948; M. A. Abrams, *Social Surveys and Social Action;* P. Gray and T. Corlett, "Sampling for the Social Survey" (*Journal of the Royal Statistical Society*, 1950); C. Selltiz 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;* L. J. Wills (Ed.), *Medical Surveys and Clinical Trials.*

948. Social Statistics and Survey Methodology Class. Professor Moser, Miss Gales and Mr. Kalton. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II (RR)—*Social Statistics and Survey Methodology*, IX 6 and 7e; X 6 and 7d. Recommended for graduate students.

949. Labour Statistics. Professor Moser and Mr. Crossley. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II (RR)—*Social Statistics and Survey Methodology*, IX 6 and 7e; X 6 and 7d; Optional for *Economic Statistics*, I 6a or 8k; II 8c; V 8i; *Econometrics*, IX 6 and 7c. Recommended for graduate students.

Syllabus.—Statistics of employment and unemployment, wages, earnings and cost of living. Special problems such as absenteeism, labour turnover, short-time and overtime working.

Recommended reading.—U.K. Interdepartmental Committee on Social and Economic Research, *Guides to Official Sources, No.* 1, *Labour Statistics* (H.M.S.O.); *Ministry of Labour Gazette;* E. Devons, *British Economic Statistics;* H. A. Turner, "Measuring Unemployment" (*Journal of the Royal Statistical Society*, Series A, Vol. 118, 1955); E. Devons and J. R. Crossley, *The Guardian Wage Indexes*; A. L. Bowley, *Wages and Income in the United Kingdom since* 1860; "Wages, Earnings and Hours of Work, 1914–1947" (*London and Cambridge Economic Service, Special Memorandum No.* 50); H. Silcock, "The Phenomenon of Labour Turnover" (*Journal of the Royal Statistical Society*, Series A, Vol. 117, 1954); K. F. Lane and J. E. Andrew, "A Method of Labour Turnover Analysis" (*Journal of the Royal Statistical Society*, Series A, Vol. 118, 1955); *Cost-of-Living Statistics* (I.L.O., 1947); *Employment, Unemployment and Labour Force Statistics* (I.L.O., 1948); *Wages and Payroll Statistics* (I.L.O., 1949); *Population Census Methods* (U.N.O., 1949); London and Cambridge Economic Service, *Memoranda and Bulletins; Method of Construction and Calculation of the Index of Retail Prices* (Studies in Official Statistics No. 6, H.M.S.O.); S. J. Prais, "Some Problems in the

Measurement of Price Changes with special reference to the Cost of Living" (*Journal of the Royal Statistical Society*, Series A, Vol. 121, 1958); E. v. Hofsten, *Price Indexes and Quality Changes; Reports of Cost of Living Advisory Committee* (B.P.P. 1946–47, Vol. X, and 1950–51, Vol. XI, Cmd. Nos. 7077, 8328, 8481).

950. National Income. Mr. Booker. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II (RR)—*Econometrics* IX 6 and 7c; *Economic Statistics* I 6a or 8k; II 8c; V 8i. Recommended for graduate students.

Syllabus.—The concept, measurement and distribution of the national income and capital. Capital formation and consumption; stock appreciation. Measurements in money and real terms. Trends and the means of obtaining an up-to-date picture. Index numbers of output and prices. Sources of information: taxation, censuses of population, production, distribution and earnings, company reports, sample inquiries, government accounts.

Recommended reading.—H. Campion *Public and Private Property in Great Britain;* G. W. Daniels and H. Campion, *The Distribution of National Capital;* H. F. Lydall, *British Incomes and Savings;* G. F. Shirras and L. Rostas, *The Burden of British Taxation;* T. Barna, *Redistribution of Incomes through Public Finance in* 1937; H. C. Edey and A. T. Peacock, *National Income and Social Accounting;* A. M. Cartter, *The Redistribution of Income in Post-war Britain;* United Kingdom Central Statistical Office, *National Income Statistics: Sources and Methods;* United Nations Studies, Series F. No. 8, *Methods of National Income Estimation;* O.E.E.C., M. Gilbert and others, *Comparative National Products and Price Levels* (1958); R. Marris, *Economic Arithmetic.* Also current official publications and periodicals.

951. Production Statistics. Mr. Crossley. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Econometrics*, IX 6 and 7c; Optional for *Economic Statistics*—I 6a or 8k; II 8c; V 8i. Also recommended for graduate students.

Syllabus.—The scope and uses of production statistics. Census of production data. Index-numbers of industrial production. The measurement of productivity in the industrial sector. Some problems in the measurement of output and productivity in the non-industrial sector.

Recommended reading.—*Report of the Census of Production Committee* (Cmd. 6687); *Report of the Committee on the Censuses of Production and Distribution* (Cmd. 9276); U.K. Board of Trade, *Census of Production Reports;* U.K. Central Statistical Office, *Standard Industrial Classification* (Revised, 1958) (2nd edn.); United Nations Statistical Office, Statistical Papers, Series M, No. 17/Rev. 1, *International Recommendations in Basic Industrial Statistics: A Guide to Objectives and Definitions;* U.K. Central Statistical Office, *Studies in Official Statistics No.* 7, *The Index of Industrial Production: Method of Compilation* (1959); "The Index of Industrial Production: Change of Base Year to 1958" (*Economic Trends*, No. 101, March 1962); *Board of Trade Journal;* C. F. Carter W. B. Reddaway and R. Stone, *The Measurement of Production Movements;* R. C. Geary, "The Concept of National Volume of Output, with special reference to Irish Data" (*Journal of the Royal Statistical Society*, Vol. 107 1944); K. S. Lomax, "Production and Productivity Movements in the United Kingdom since 1900" (*Journal of the Royal Statistical Society*, Series A, Vol. 122, 1959); O.E.C.D. General Statistics, Statistical Bulletins, Definitions and Methods Part I, *Industrial Production* (3rd edn., 1958); United Nations Statistical Office, Statistical Papers Series F, No. 1, *Index Numbers of Industrial Production*, Studies in Methods No. 1; National Bureau of Economic Research, Studies in Income and Wealth, Vol. 25, *Output, Input and Productivity Measurement;* L. Rostas, *A Report on International comparisons of Productivity in British and American Manufacturing Industry.*

952. International Trade and Balance of Payments. Professor Allen. Eight lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Econometrics*, IX 6 and 7c; Optional for *Economic Statistics*, I 6a or 8k; II 8c; V 8i. Recommended for graduate students.

Syllabus.—International trade in goods and services, international lending and international transfers. The importance of international trade to the United Kingdom and the relation of the balance of payments to the national income accounts. Terms of trade, indices of prices and volume of trade.

Recommended reading.—U.K. Board of Trade, *Monthly and Annual Accounts relating to the Trade of the United Kingdom; U.K. Balance of Payments*, 1959 to 1961 (Cmnd. 1671); *Economic Survey for* 1962 (Cmnd. 1678); International Monetary Fund, *Balance of Payments Year-Book;* R. G. D. Allen, "Statistics of the Balance of Payments" (*Economic Journal*, 1951); C. F. Carter and A. D. Roy, *British Economic Statistics* (Chap. VIII, "The Balance of External Payments"); U.K. Central Statistical Office, "The Compilation of the U.K. Balance of Payments" and "Overseas Sterling Holdings" in *New Contributions to Economic Statistics;* R. G. D. Allen and J. E. Ely (Eds.), *International Trade Statistics.*

953. Time Series and Forecasting. Mr. Thomas. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II (RR)—*Econometrics*, IX 6 and 7c; Optional for *Economic Statistics*, I 6a or 8k; II 8c; V 8i. Recommended for graduate students.

Syllabus.—Time series analysis. Problems in forecasting. The use of time-series data in forecasting. Forecasting by the individual firm. Sector forecasting. Macro-economic forecasting. The assessment of economic forecasts.

Recommended reading.—C. F. Roos, "Survey of Economic Forecasting Techniques" (*Econometrica*, 1955); M. H. Spencer, Colin Clark and P. W. Hognet, *Business and Economic Forecasting;* R. G. Brown, "Less Risk in Inventory Estimates" (*Harvard Business Review*, July–Aug. 1959); C. F. Christ, "Aggregate Econometric Models" (*American Economic Review*, May 1956); K. A. Fox, "Econometric Models of the United States" (*Journal of Political Economy*, April 1956); J. Johnston, "An Econometric Model of the U.K." (*Review of Economic Studies*, Oct. 1961); H. Theil, *Economic Forecasts and Policy.*

954. Introduction to Econometrics. Mr. Corlett and Mr. Thomas. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (RR)—*Econometrics*, IX 6 and 7c. Recommended for graduate students.

Students are recommended to attend Course No. 990 also.

Syllabus.—The scope of econometrics. The nature of statistical data available to economists. Time series, trends and fluctuations. Production and consumption functions. Derivation of supply and demand curves by regression analysis and simultaneous probability equations. Problems of identification and aggregation. Connection between micro-economic theory and macro-economic models.

Recommended reading.—W. W. Leontief, "Econometrics" in H. S. Ellis (Ed.), *A Survey of Contemporary Economics;* L. R. Klein, "The Scope and Limitations of Econometrics" (*Applied Statistics*, 1957); S. Valavanis, *Econometrics;* L. R. Klein, *A Textbook of Econometrics;* W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method;* C. F. Christ, C. Hildreth, Ta-chung Liu and L. R. Klein, "A Symposium on Simultaneous Equation Estimation" (*Econometrica*, 1960); H. Schultz, *The Theory and Measurement of Demand;* R. Stone, *Measurement of Consumers' Expenditure and Behaviour in the United Kingdom* 1920–1938; S. J. Prais and H. S. Houthakker, *The Analysis of Family Budgets;* P. H. Douglas, "Are There Laws of Production?" (*American Economic Review*, 1948); J. Marschak and W. H. Andres, "Random Simultaneous Equations and the Theory of Production" (*Econometrica*, 1944); J. Johnston, *Statistical Cost Analysis;* H. Theil, *Economic Forecasts and Policy.*

955. Compound Interest. Mr. Carrier. Five lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Actuarial Statistics*, IX 6 and 7a. Optional for students specialising in Accounting.

Syllabus.—An introduction to the Annuity Certain, Valuation of Redeemable Securities, Sinking Funds; the determination of interest rates in given transactions and continuous growth.

Recommended reading.—D. W. A. Donald, *Compound Interest and Annuities-Certain;* R. E. Underwood, *Elements of Actuarial Science.*

956. Actuarial Statistics. Mr. Haycocks. Fifteen lectures, Michaelmas and Lent Terms, and fifteen classes, Lent and Summer Terms. (Beginning in the sixth week of the Michaelmas Term.)

For B.Sc. (Econ.) Part II (RR)—*Actuarial Statistics*, IX 6 and 7a. Optional for students specialising in Accounting.

Syllabus.—Elementary Life Contingencies; some statistical properties of the Life Table and Life Table functions; Exposed to Risk formulas; Graduation; the Theory and Construction of Multiple Decrement Tables.

Recommended reading.—R. E. Larson and E. A. Gaumnitz, *Life Insurance Mathematics;* P. F. Hooker and L. H. Longley-Cook, *Life and other Contingencies*, Vols. I and II; H. Tetley, *Statistics and Graduation (Actuarial Statistics*, Vol. I); J. L. Anderson and J. B. Dow, *Construction of Mortality and other Tables (Actuarial Statistics*, Vol. II); N. L. Johnson and H. Tetley, *Statistics*, Vol. II, Chap. 17; W. G. Bailey and H. W. Haycocks, *Some Theoretical Aspects of Multiple Decrement Tables.*

(d) COMPUTATIONAL METHODS

960. Computer Programming. Mr. Wegner. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Computer Programming and Numerical Analysis*, X 5; IX 6 and 7d; *Data Processing including Elements of Accounting*, X 6 and 7b; *Practical Examination*, X 8.

These lectures are held in conjunction with Courses Nos. 961 and 963.

Syllabus.—The principles of computer programming. Automatic programming. The Mercury Autocode. Examples from numerical analysis and statistics.

Recommended reading.—R. K. Livesley, *Automatic Digital Computers;* M. V. Wilks, *Automatic Digital Computers;* W. L. B. Nixon, *A Beginner's Guide to Programming for Mercury* (University of London Computer Unit).

961. Computer Programming Class. Mr. Wegner. Ten classes, Michaelmas Term.

The classes will be held in conjunction with Course No. 960.

962. Numerical Analysis. Dr. Foster and Miss Doig. Ten lectures, Michaelmas Term, 1962. For B.Sc. (Econ.) Part II (OR). Five lectures, Summer Term, 1963. Ten lectures, Michaelmas Term, 1964.

For B.Sc. (Econ.) Part II (RR)—*Computer Programming and Numerical Analysis*, IX 6 and 7d; X 5; *Practical Examination*, X 8, optional for IX 8.

Syllabus.—Interpolation, quadrature, solution of simultaneous linear equations, inversion of matrices. Iterative methods for solving non-linear equations. Error analysis. Monte-Carlo methods.

Recommended reading.—K. L. Nielsen, *Methods in Numerical Analysis;* A. D. Booth, *Numerical Methods;* D. R. Hartree, *Numerical Analysis;* H.M. Stationery Office, *Interpolation and Allied Tables.*

963. Computer Programming Practical Class. Dr. Foster and Mr. Wegner. Twenty hours, Lent Term.

For B.Sc. (Econ.) Part II (RR)—*Practical Examination*, X 8.

964. Data Processing. Mr. McRae. Twelve hours, Michaelmas and Lent Terms (beginning in the sixth week of the Michaelmas Term).

For B.Sc. (Econ.) Part II (RR)—*Data Processing including Elements of Accounting*, X 6 and 7b; *Elements of Management Mathematics*, IV 2g; Diploma in Operational Research and graduate students.

Syllabus.—Introduction to digital computers and programming. Applications of computers to accounting systems and business problems, with practical examples.

Recommended reading.—A. J. Burton and G. R. Mills, *Electronic Computers and their Business Applications.*

965. Management Analysis. Dr. Land. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II (RR)—*Management Mathematics*, X 4; *Elements of Management Mathematics*, IV 2g; *Practical Examination*, X 8; and Diploma in Operational Research.

Syllabus.—Replacement theory. Inventory Control. Queueing theory. Dynamic Programming. Computer simulation of complex organisations.

Recommended reading.—A. S. Manne, *Economic Analysis for Business Decisions;* M. Sasieni, A. Yaspan and L. Friedman, *Operations Research;* R. B. Fetter and W. C. Dalleck, *Decision Models for Inventory Management;* Massachusetts Institute of Technology, Operations Research Center, *Notes on Operations Research;* R. A. Howard, *Dynamic Programming and Markov Processes.*

966. Management Analysis Class. Dr. Foster. Ten classes, Michaelmas and Lent Terms.

The classes will be held in conjunction with Course No. 965.

967. Management Mathematics. Dr. Foster. Ten lectures, Summer Term.

For B.Sc. (Econ.) Part II (RR)—*Elements of Management Mathematics*, IV 2g (Second Year students).

Syllabus.—An introduction to the basic mathematical techniques applied to problems of decision-making in business and industry.

Recommended reading.—R. C. Meier and S. H. Archer, *An Introduction to Mathematics for Business Analysis;* I. D. J. Bross, *Design for Decision.*

(e) OPERATIONAL RESEARCH

970. Economics for Operational Research. Dr. Land. Ten lectures, Lent Term.

For Diploma in Operational Research (L.S.E., Imperial College).

Syllabus.—An introduction to the principles of economic theory for students who have some familiarity with mathematics and operational research.

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

971. Selected Topics in Operational Research. Dr. Foster, Dr. Land and Dr. Morton. Ten lectures, Lent Term.

For Diploma in Operational Research and graduate students.

Syllabus.—In this course a number of theoretical problems arising in Operational Research will be discussed, and several case histories will be presented. It is intended for students having a preliminary acquaintance with the subject.

Recommended reading.—References to current literature will be provided during the course.

The attention of students taking the Diploma in Operational Research is drawn to the following courses held at Imperial College:

Industrial Engineering. Dr. Eilon. Forty lectures, Sessional.

Work Study. Mr. Hall and Mr. King. Ten lectures, Michaelmas Term.

972. Elements of Linear Programming. Miss Doig. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Elements of Management Mathematics*, iv 2g; *Management Mathematics*, X 4 and Operational Research (Imperial College students).

Syllabus.—The simplex method. Interpretation of the solution. Transport and network problems. Computational methods.

Recommended reading.—S. Vajda, *Mathematical Programming; Readings in Linear Programming;* S. I. Gass, *Linear Programming: Methods and Applications.*

973. Elements of Linear Programming Class. Dr. Land. Ten classes, Michaelmas Term.

The classes will be held in conjunction with Course No. 972.

974. Introduction to Mathematical Programming. Dr. Land. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II (RR)—*Economics treated Mathematically*, I 8b; III 8d, IV 2f (Third Year students), IX 1b; X 1b (Second or Third Year students). *Econometrics*, IX 6 and 7c; *Elements of Management Mathematics*, IV 2g. Also for Diploma in Operational Research and graduate students.

Syllabus.—This course is intended to acquaint students with the basic techniques for formulating and solving linear programming problems, and to draw attention to its relationship to economic theory. A familiarity with simple matrix algebra and its use in the solution of linear simultaneous equations will be assumed.

Recommended reading.—R. Dorfman, *Application of Linear Programming and the Theory of the Firm;* S. Vajda, *Readings in Linear Programming.*

975. Introduction to Mathematical Programming Class. Dr. Land. Ten classes, Michaelmas Term.

The classes will be held in conjunction with Course No. 974.

976. Mathematical Programming. Dr. Morton. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II (RR)—*Economics treated Mathematically*, I 8b; III 8d; IV 2f (Third Year students), IX 1b; X 1b (Second or Third Year students). Also recommended for Diploma in Operational Research and graduate students.

NOTE: Students are expected to be familiar with mathematics. For Part II (RR) up to Mathematics B; for Part II (OR) up to Mathematics in Part I (OR).

Syllabus.—This course will follow upon No. 974.

Basic formulations and theorems of mathematical programming: Convex point sets, linear and non-linear objective functions. Basic methods of solutions. Existence theorems. Special problems. Applications in economic analysis and in applied economics.

Recommended reading.—R. G. D. Allen, *Mathematical Economics;* R. Dorfman, P. A. Samuelson and R. M. Solow, *Linear Programming and Economic Analysis;* D. Gale, *The Theory of Linear Economic Models;* S. I. Gass, *Linear Programming; methods and applications;* T. C. Koopmans and others (Eds.), *Activity Analysis of Production and Allocation;* H. Makower, *Activity Analysis and the Theory of Economic Equilibrium;* S. Vajda, *Mathematical Programming; Readings in Linear Programming.*

Reference should also be made to Course No. 18.

977. Mathematical Programming Class. Dr. Land. Ten classes, Lent Term.

The classes will be held in conjunction with Course No. 976.

978. Queuing Theory. Dr. Foster. Ten lectures. Lent Term.

For Diploma in Operational Research.

Syllabus and **recommended reading** will be given at the beginning of the course.

979. Tutorial Class in Operational Research. Dr. Foster, Dr. Land and Dr. Morton. Sessional.

For Diploma in Operational Research.

(f) GRADUATE COURSES, SEMINARS AND CLASSES

980. Advanced Statistical Methods for Econometrics. Professor Durbin. Twenty lectures, Michaelmas and Lent Terms.

For graduate students.

Syllabus.—Regression methods for single-equation and simultaneous-equation models. Limited-information and full-information methods. Two-stage and three-stage least squares. Time series. The fitting of time-series models. Periodogram and spectral analysis.

Recommended reading.—M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics* (2 Vols.); W. C. Hood and T. C. Koopmans (Eds.), *Studies in Econometric Method;* H. Theil, *Economic Forecasts and Policy;* E. J. Hannan, *Time Series Analysis;* R. B. Blackman and J. W. Tukey, *The Measurement of Power Spectra.*

981. Special Statistical Techniques for Industry and Business. Dr. Quenouille. Ten lectures, Michaelmas Term.

For graduate students.

Syllabus.—Each lecture of this course will discuss a different statistical technique which has found special application in some branch of industry or business.

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

982. Theory of Statistical Transformations. Dr. Quenouille. Six lectures, Summer Term.

For graduate students.

Syllabus.—Selection and effects of variate transformations in statistical analysis, including time-series analysis. Transformations of statistical distributions. Uses and limitations of transformations in limit estimation.

Recommended reading.—M. H. Quenouille, *Introductory Statistics; The Design and Analysis of Experiment* (Chapters on transformations and scaling of observations); *The Fundamentals of Statistical Thought* (Section on Estimation); C. R. Rao, *Advanced Statistical Methods in Biometric Research.*

983. Stochastic Processes. Miss Doig. Fifteen lectures, Lent and Summer Terms.

For graduate students and for Diploma in Operational Research.

Syllabus.—Discrete and continuous processes. Stationary and evolutionary processes. Ergodic theory. Markov processes. Applications.

Recommended reading.—W. Feller, *An Introduction to Probability Theory and its Applications;* M. S. Bartlett, *An Introduction to Stochastic Processes;* P. A. P. Moran, *The Theory of Storage;* L. Takacs, *Stochastic Processes;* J. G. Kemeny and J. L. Snell, *Finite Markov Chains.*

984. Geometry of n Dimensions. Mr. Wegner. Ten lectures, Lent Term.

For graduate students.

Syllabus.—Dimension. Length. Angle. Metric. Hypersurfaces and their intersection. Geometrical interpretation of matrix operations. Linear transformations. Rotations. Quadratic forms. Examples from statistics.

Geometry of linear inequalities. Convex spaces. Optimization in convex spaces. Examples from linear and quadratic programming.

Recommended reading.—M. G. Kendall, *A course in n-dimensional geometry;* P. R. Halmos, *Finite Dimensional Vector Spaces.*

985. Programming and Control Languages. Mr. Wegner. Ten lectures of one-and-a-half hours (evening), Michaelmas Term.

For graduate students.

This course is open to all students of the School and may be attended by others who register as Occasional Students for the purpose. Attendance by permission of Mr. Wegner.

Syllabus.—Symbolic assembly languages. FORTRAN, Algol, Programming Systems. Language Translation. List processing.

986. Probability and Measure Theory. Mr. T. M. F. Smith. Ten lectures, Summer Term.

For graduate students.

Syllabus.—Sets. Measurable sets. Theory of Measure and Integration. Axioms of Probability. Expectations. Some Theorems.

Recommended reading.—M. E. Munroe, *Introduction to Measure and Integration;* H. Cramer, *Mathematical Methods of Statistics*, Chaps. 1–9; A. N. Kolmogorov, *Foundations of the Theory of Probability.*

987. Sample Survey Theory. Mr. Kalton. Ten lectures, Michaelmas Term.

For graduate students. Also for B.Sc. (Econ.) Part II (RR)—*Social Statistics and Survey Methodology*, IX 6 and 7c, X 6 and 7d; optional for *Theory of Statistical Methods*, I 3c; IX 5.

Syllabus.—Simple random sampling; stratification; multi-stage sampling. Optimum allocation for given cost function. Selection with unequal probabilities. Ratio and regression estimates.

Recommended reading.—F. Yates, *Sampling Methods for Censuses and Surveys;* W. G. Cochran, *Sampling Techniques;* W. E. Deming, *Sample Design in Business Research;* M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory.*

988. Statistical Methods in Psychology. Mr. Kalton. Ten lectures, Lent and Summer Terms.

For graduate students. It will be assumed that students have a knowledge of statistics to the standard of Course No. 920.

Syllabus.—Principles of experimental design. Analysis of variance and covariance. Correlation techniques.

Recommended reading.—D. R. Cox, *Planning of Experiments;* M. J. Moroney, *Facts from Figures;* J. P. Guildford, *Fundamental Statistics in Psychology and Education;* H. M. Walker and J. Lev, *Statistical Inference;* M. H. Quenouille, *Associated Measurements;* Q. McNemar, *Psychological Statistics;* A. L. Edwards, *Statistical Analysis.*

989. Design and Analysis of Social Investigations. Professor Moser, Miss Gales, Dr. Oppenheim and Mr. Westergaard. Two hours per week, Sessional.

Students are referred also to Courses No. 713 and 947.

For first year graduate students in Sociology, Statistics, Psychology, etc. Attendance by arrangement with Professor Moser.

Syllabus.—The main problems arising in the design of social investigations, the collection of the data, and the analysis and interpretation of the results.

Recommended reading.—Detailed recommendations will be made during the course, but the following may be regarded as background reading: C. Selltiz and others, *Research Methods in Social Relations;* L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioural Sciences;* H. H. Hyman and others, *Interviewing in Social Research;* H. H. Hyman, *Survey Design and Analysis;* C. A. Moser, *Survey Methods in Social Investigation;* S. Payne, *The Art of Asking Questions.*

990. Theory of Games. Dr. Morton. Five lectures, Summer Term.

For Diploma in Operational Research and graduate students. Optional for B.Sc. (Econ.) Part II (RR)—*General Statistics*, IX 8; X 8; *Econometrics*, IX 6 and 7c and for students taking Special Subject I—Economics.

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.*

991. Statistical Theory Class. Mr. Stuart. Two hours weekly throughout the session.

For graduate students.

992. Punched Card Equipment Class. Mr. Booker. Six hours in the Lent Term.

For graduate students. Admission is limited and permission to attend the course must be obtained from the lecturer.

993. Statistics Seminar. Professor Allen, Professor Durbin and Professor Moser, will hold a fortnightly seminar during the session. Admission will be by permission of Professor Allen, Professor Durbin or Professor Moser.

994. Operational Research Seminar. Dr. Foster and Dr. Morton will hold a fortnightly seminar during the session. Admission will be by permission of Dr. Foster and Dr. Morton.

For Diploma in Operational Research.

995. Statistical Theory Study Group. Mr. T. M. F. Smith. Fortnightly throughout the session.

For graduate students.
Admission will be by permission of Mr. T. M. F. Smith.

996. Applied Statistics Study Group. Mr. Kalton. Fortnightly throughout the session.

For graduate students.

Courses to be Attended by Old Regulations Part II Candidates 1962–63.

Papers	Course Numbers
Probability and Distribution Theory	926, 930, 931
Theory of Statistical Methods	927, 930, 931 (932, 987 optional)
Practical Examination (Statistics)	929
Economic and Social Statistics	945
Actuarial Statistics	955, 956
Economic Statistics	950–954, 972, 973, 974, 975, 990, 991
Social Statistics	946–949, 987
Advanced Mathematics	916
Numerical Analysis	960–962
Computational Methods	964–966, 972, 973
Practical Examination (Computational Methods)	963
Mathematical Economics	974–977
Applied Statistics	943

Reference should also be made to the following courses:—

No. 17.—**Introduction to a Mathematical Treatment of Economics.**
No. 18.—**Introductory Mathematical Economics.**
No. 40.—**Economics Seminar.**
No. 680.—**Introduction to Demography.**
No. 681.—**Mathematics of Population Growth.**
No. 682.—**Elements of Demographic Analysis.**
No. 683.—**Population Trends and Policies.**
No. 713.—**Theories and Methods Seminar in Social Psychology.**
No. 871.—**Mathematical Method for Sociologists (Graduate Seminar).**

PUBLICATIONS OF THE SCHOOL

PUBLICATIONS OF THE SCHOOL

The School publishes a quarterly journal, *Economica*, and a series of reprints of scarce works. All editorial and business communications for these publications should be addressed to the Publications Department of the School.

The School also publishes books, monographs and pamphlets written by members of its staff and research students. Editorial communications for these publications should be addressed to the Publications Committee of the School, but copies of them should be ordered from the publishers named.

i. Economica

Economica is published by the School quarterly, in February, May, August and November. It is devoted to research in economics, economic history and statistics, and is under the direction of an Editorial Board composed of the Director of the School, Professor R. G. D. Allen, Professor P. T. Bauer, Professor W. T. Baxter, Professor E. H. Phelps Brown, Professor E. Devons, Professor F. J. Fisher, Professor R. G. Lipsey, Professor F. W. Paish, Professor A. W. Phillips, Professor Sir Arnold Plant, Lord Robbins, Professor R. S. Sayers and Professor B. S. Yamey (Acting Editor), with Mr. M. H. Peston as Assistant Editor. In the field defined the Editorial Board welcomes the offer of contributions of a suitable nature from investigators, whether British or Foreign. If an accepted contribution is written in a language other than English a translation fee will be deducted from the payment made to the contributor.

In addition to authoritative articles on subjects falling within the scope of the journal, each issue also contains a section devoted to reviews of current literature.

The price of *Economica* is 10s. per issue or £1 10s. per annum, post free. A specially reduced rate of £1 5s. per annum is offered to registered students of the School. The prices of back numbers in both the Old and the New Series will be quoted on application to the Publications Department.

ii. The British Journal of Sociology

The British Journal of Sociology is published quarterly for the School by Routledge and Kegan Paul, Ltd. The Managing Editor is Professor D. G. MacRae, to whom all editorial communications should be addressed.

The Editorial Board consists of Professor Ginsberg, Professor Glass, Professor T. H. Marshall, Professor Schapera and Professor Titmuss. Its aims are to provide a medium for the publication of original researches in the fields of sociology, social psychology and social philosophy; for critical studies or discussions in the various fields of inquiry; for surveys of developments and literature in specific fields; and for book reviews.

The Journal seeks to secure the co-operation of scholars in other countries; to serve as an international focus; and to further the development of comparative studies in the fields indicated.

The price of *The British Journal of Sociology* is 12s. 6d. per issue or £2 per annum, four issues, post free. Subscriptions direct to Routledge and Kegan Paul, Ltd., 68, Carter Lane, London, E.C.4. The subscription rate for Members of the British Sociological Association is 30s. per annum.

iii. Publications of the School (New Series)

The following publications have been published for the School by Longmans, Green & Co., Ltd., from whom copies can be obtained:—

Reason and Unreason in Society. By Professor M. Ginsberg, M.A., D.Lit. 1947; *Reprinted* 1949; viii, 328 pp. Cloth, 15s. net. (*Out of print.*)

The Rubber Industry—A Study in Competition and Monopoly. By P. T. Bauer, M.A. 1948; xiv, 404 pp. Cloth, 25s. net.

Theories of Welfare Economics. By Professor Hla Myint, Ph.D. 1948; xiv, 240 pp. Cloth, 15s. net. (*Out of print.*)

Central Planning and Control in War and Peace. By Sir Oliver Franks, K.C.B. 1947; *Reprinted* 1948; 61 pp. 2s. 6d. net. Paper Cover. (*Out of print.*)

Sociology at the Crossroads. By Professor T. H. Marshall, M.A. 1947; 28 pp. 1s. 6d. Paper Cover. (*Out of print.*)

Five Lectures on Economic Problems. By Professor G. J. Stigler, Ph.D. 1949; vi, 65 pp. Cloth, 7s. 6d. net.

British Broadcasting—A Study in Monopoly. By R. H. Coase, B.Com. 1950; x, 206 pp. Cloth, 12s. 6d. net.

London Essays in Geography (Rodwell Jones Memorial Volume). Edited by Professor L. Dudley Stamp and Professor S. W. Wooldridge. 1951; xiv, 351 pp. Cloth, 25s. net. (*Out of print.*)

The Habitual Criminal. By Norval Morris, LL.M., Ph.D. 1951; ix, 384 pp. Cloth, 27s. 6d. net.

Welfare Economics and the Theory of the State. By Professor William J. Baumol, Ph.D. 1952; vii, 171 pp. Cloth, 21s. net. (*Out of print.*)

Democracy and Foreign Policy. By R. Bassett, M.A. 1952; xxiv, 654 pp. Cloth, 42s. net.

The following publications have been published for the School by G. Bell & Sons, Ltd., from whom copies can be obtained:—

Political Systems of Highland Burma: A Study of Kachin Social Structure. By E. R. Leach, M.A., Ph.D. 1954; xii, 324 pp. Cloth, 35s. net. (*Out of print.*)

The Contracts of Public Authorities: A Comparative Study. By J. D. B. Mitchell, LL.B., Ph.D. 1954; xxxii, 256 pp. Cloth, 25s. net.

The Origin of the Communist Autocracy. By L. B. Schapiro. 1955; *Reprinted* 1956; xvii, 397 pp. Cloth, 35s. net.

Capital and its Structure. By L. M. Lachmann. 1956; xi, 130 pp. Cloth, 15s. net. (*Out of print.*)

Trade Union Government and Administration in Great Britain. By B. C. Roberts. 1956; *Reprinted* 1957; vi, 570 pp. Cloth, 31s. 6d. net.

French Banking Structure and Credit Policy. By J. S. G. Wilson. 1957; viii, 453 pp. Cloth, 45s. net.

The Economics of Sir James Steuart. By S. R. Sen. 1957; viii, 207 pp. Cloth, 25s. net.

British Monetary Experiments, 1650-1710. By J. Keith Horsefield. 1960; xix, 344 pp. Cloth, 45s. net.

Samuel Bailey and the Classical Theory of Value. By R. M. Rauner. 1961; vii, 162 pp. Cloth, 30s. net.

The Nature of International Society. By Professor C. A. W. Manning, 1962; xi, 220 pp. Cloth, 30s. net.

Opinion on Bank Rate, 1822-60. By A. B. Cramp. 1962; xi, 118 pp. Cloth, 25s. net.

From Dependent Currency to Central Banking in Ceylon: An Analysis of Monetary Experience, 1825-1957. By H. de S. Gunasekera. 1962; xi, 324 pp. Cloth, 45s. net.

iv. Books Sponsored by the School (Old Series)

Studies in Economics and Political Science

(*Volumes out of print are not included below; for a complete list of the Series see the* Calendar, 1936–7)

59. The Inequality of Incomes in Modern Communities. By HUGH DALTON, M.A., King's College, Cambridge; D.Sc. (Econ.), London; P.C.; Barrister-at-Law of the Middle Temple; sometime Reader in Economics in the University of London. 1920; 2nd edn. (with Appendix), 1925; 390 pp., Demy 8vo, cloth. 18s. net.
Routledge and Kegan Paul Ltd.

61. The Industrial and Commercial Revolutions in Great Britain during the Nineteenth Century. By LILIAN C. A. KNOWLES, Litt.D., Dublin; M.A., LL.M., Girton College, Cambridge; late Professor of Economic History in the University of London. Fourth edn. revised, 1926; xii, 416 pp., Demy 8vo, cloth. 15s. net.
Routledge and Kegan Paul Ltd.

66. Principles of Public Finance. By HUGH DALTON, M.A., King's College, Cambridge; D.Sc. (Econ.), London; P.C.; Barrister-at-Law of the Middle Temple; sometime Reader in Economics in the University of London. 1922; 4th edn. (revised and reset), 1954; xv, 255 pp., Crown 8vo, cloth. 10s. 6d. net.
Routledge and Kegan Paul Ltd.

107. Prices and Production. By Dr. FRIEDRICH A. HAYEK. 1931, revised 1935; pp. xiv, 162, Crown 8vo, cloth. 12s. 6d. net.
Routledge and Kegan Paul Ltd.

109. Economic Development in the Nineteenth Century. By LILIAN C. A. KNOWLES, M.A., LL.M., Litt.D. 1932; pp. viii, 368, Demy 8vo, cloth. 18s. net. *Routledge and Kegan Paul Ltd.*

Studies in Economics and Commerce

5. Modern Production among Backward People. By I. C. GREAVES, M.A., Ph.D. 1934; 229 pp., 8vo, cloth. 12s. 6d. net.
George Allen & Unwin Ltd.

7. Outline of International Price Theories. By CHI-YUEN WU, Ph.D. With an Introduction by LIONEL ROBBINS. 1939; xii, 373 pp., 8vo, cloth. 18s. net. *Routledge and Kegan Paul Ltd.*

9. The Variations of Real Wages and Profit Margins in Relation to the Trade Cycle. By SHO-CHIEH TSIANG. 1947; vii, 174 pp., Demy 8vo, cloth. 25s. net. *Pitman.*

Studies in Economic and Social History

5. English Trade in the Fifteenth Century. Ed. by EILEEN POWER, D.Litt., and M. POSTAN. 1933; 435 pp., Royal 8vo, cloth. 30s. net. *Routledge and Kegan Paul Ltd.*

Studies in Statistics and Scientific Method

Edited by A. L. BOWLEY and A. WOLF.

1. Elementary Statistical Methods. By E. C. RHODES, B.A. (Cambridge), D.Sc. (London). 1933; 242 pp., Demy 8vo, cloth. 10s. 6d. net. *Routledge and Kegan Paul Ltd.*

3. Mathematical Analysis for Economists. By R. G. D. ALLEN, M.A. 1938; (*Latest reprint* 1956), xvi, 548 pp., Demy 8vo, cloth. 25s. net. *Macmillan & Co. Ltd.*

Monographs on Social Anthropology

This series aims to make available work done by anthropologists connected with the London School of Economics and Political Science. The first thirteen numbers were produced by the Replika process, but No. 14 and later numbers are printed in letterpress. Orders should be sent to the Athlone Press, at 12, Orange Street, London, W.C.2, who act as publishers on behalf of the Editorial Board. Editorial inquiries should be addressed to the Editor, Department of Anthropology, London School of Economics, Houghton Street, Aldwych, W.C.2.

At present available:

11. The Ethnic Composition of Tswana Tribes. By I. SCHAPERA. 1952; vi, 133 pp., with map. Paper bound, quarto, 15s. net.

13. Changing Lapps. By GUTORM GJESSING. 1954; 68 pp., with map. Paper bound, quarto, 12s. net.

14. Chinese Spirit Medium Cults in Singapore. By ALAN J. A. ELLIOTT. 1955; 179 pp., with 6 plates and glossary. Cloth, octavo, 18s. net.

15. Two Studies of Kinship in London. Edited by RAYMOND FIRTH. 1956; 93 pp. Cloth, octavo, 13s. 6d. net.

16. Studies in Applied Anthropology. By L. P. MAIR. 1957; 84 pp. Cloth, octavo, 2nd impression, 1961, 15s. net.

17. Indigenous Political Systems of Western Malaya. By J. M. GULLICK. 1958; viii, 156 pp., with maps and diagrams. Cloth, octavo, 25s. net.

18. Lineage Organization in South-Eastern China. By MAURICE FREEDMAN. 1958; xii, 154 pp., with map and diagrams. Cloth, octavo, 25s. net.

19. Political Leadership among Swat Pathans. By FREDRIK BARTH. 1959; vii, 146 pp., with maps and diagrams. Cloth, octavo, 25s. net.

20. Social Status and Power in Java. By LESLIE A. PALMIER. 1960; x, 172 pp., with maps and diagrams. Cloth, octavo, 30s. net.

21. Malay Kinship and Marriage in Singapore. By JUDITH DJAMOUR. 1959; 151 pp., with diagrams. Cloth, octavo, 25s. net.

22. Rethinking Anthropology. By E. R. LEACH. 1961; vii, 143 pp., with diagrams. Cloth, octavo. 21s. net.

23. Marsh Dwellers of the Euphrates Delta. By S. M. SALIM. 1962; x, 157 pp., with maps, diagrams and plates. Cloth, octavo. 30s. net.

24. Legal Institutions in Manchu China. By SYBILLE VAN DER SPRENKEL. 1962; viii, 178 pp., with maps and diagrams. Cloth, octavo. 30s. net.

25. Conflict and Solidarity in a Guianese Plantation. By C. JAYAWARDENA. (*In Press*).

26. Kinship and Marriage in a New Guinea Village. By I. HOGBIN. (*In Press*).

Earlier numbers, listed below, are now out of print:

1. The Work of the Gods in Tikopia. Vol. I. By R. W. FIRTH. 1940; vi, 188 pp., with diagrams and illustrations. Paper bound, quarto, 10s. net.

2. The Work of the Gods in Tikopia. Vol. II. By R. W. FIRTH. 1940; vi, 190 pp., with diagrams and illustrations. Paper bound, quarto, 10s. net.

3. Social and Economic Organisation of the Rowanduz Kurds. By E. R. LEACH. 1940; 82 pp., with diagrams and illustrations. Paper bound, quarto, 5s. net.

4. The Political System of the Anuak of the Anglo-Egyptian Sudan. By E. E. EVANS-PRITCHARD. 1940; 164 pp., with diagrams and illustrations. Paper bound, quarto, 5s. net.

5. Marriage and the Family among the Yako in South-Eastern Nigeria. By DARYLL FORDE. 1941; 124 pp., with diagrams and illustrations. Paper bound, quarto, 10s. 6d. net. (*Reprint available from the International African Institute.*)

6. Land Tenure of an Ibo Village in South-Eastern Nigeria. By M. M. GREENE. 1941; 44 pp., with diagrams and a map. Paper bound, quarto, 4s. net.

7. Housekeeping Among Malay Peasants. By ROSEMARY FIRTH. 1943; 208 pp., with maps, diagrams and illustrations. Paper bound, quarto, 10s. net.

8. A Demographic Study of an Egyptian Province (Sharqiya). By A. M. AMMAR. 1943; 98 pp., with diagrams, maps and illustrations. Paper bound, quarto, 7s. 6d. net.

9. Tribal Legislation among the Tswana of the Bechuanaland Protectorate. By I. SCHAPERA. 1943; vi, 96 pp., with folding map. Paper bound, quarto, 9s. net.

10. Akokoaso: A Survey of a Gold Coast Village. By W. H. BECKETT. 1944; v, 96 pp., with coloured diagrams. Paper bound, quarto. 3rd Impression, 1956, 12s. net.

12. The Chinese of Sarawak: A Study of Social Structure. By JU K'ANG T'IEN. 1953; vi, 92 pp., with maps and diagrams. Paper bound, quarto, 2nd Impression, 1956, 21s. net.

Series of Bibliographies

Orders should be sent to *The Librarian, British Library of Political and Economic Science.*

8. A London Bibliography of the Social Sciences.
These volumes record, by subject, all works in the British Library of Political and Economic Science and the Edward Fry Library of International Law at the London School of Economics, except non-governmental periodicals acquired since 1936. They also

record the works acquired up to May 1936 by the Goldsmiths' Library of Economic Literature at the University of London and up to May 1931 by the libraries of the Royal Statistical Society, the Royal Institute of International Affairs, the Royal Anthropological Institute and the National Institute of Industrial Psychology, together with special collections in the library of University College, London, the University of London Library and the Reform Club.

Paper covers. Volumes I–IV (covering the acquisitions up to 1929); volume V (acquisitions of 1929–1931); volume VI (acquisitions of 1931–1936); volumes VII–IX (acquisitions of 1936–1950); volumes X and XI (acquisitions of 1950–1955). Volumes I–IX £4 each (except volume VI, which is out of print); volumes X and XI £5 each. A microcard edition of volume VI is obtainable from J. S. Canner and Co., 46, Millmont Street, Boston 19, Massachusetts, U.S.A., at $12.50.

Monthly List of Additions to the Library. 25s. a year.

Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science. 1961; vi, 186 pp. Paper covers. 25s. net (26s. post free).

v. Series of Reprints of Scarce Tracts in Economic and Political Science

(*Volumes out of print are not included below; for a complete list of the Series, see previous Calendars.*)

1. **Pure Theory of Foreign Trade** and **Pure Theory of Domestic Values.** By ALFRED MARSHALL. (1879.) 1930, reissued 1935, 1949; 28, 37 pp. Full bound, 7s. 6d.

16. **Risk, Uncertainty and Profit.** By FRANK H. KNIGHT, Ph.D (1921.) With a new Introduction by the Author 1933, reissued 1935, 1937, 1939, 1940, 1946, and 1948. Eighth Impression with new Preface by Author. 1957; lxi, 381 pp. Full bound, 25s. (*Edition exhausted.*)

Series of Reprints of Scarce Works on Political Economy

1. **Industrial Combination.** By D. H. MACGREGOR, M.A. (1906.) 1935; reissued with new Introduction by the Author. 1938; xxiv, 246 pp. Full bound, 7s. 6d. (*Edition exhausted.*)

2. **Protective and Preferential Import Duties.** By A. C. PIGOU, M.A. (1906.) 1935; xiv, 118 pp. Full bound, 6s. (*Edition exhausted.*)

3. **Principles of Political Economy.** By T. R. MALTHUS. (1836.) 1936; liv, 446 pp. Full bound, 10s. 6d. (*Edition exhausted.*)

4. **Three Lectures on Commerce and One on Absenteeism.** By MOUNTIFORT LONGFIELD, LL.D. (1835.) 1937; iv, 111 pp. Full bound, 6s.

5. **The Literature of Political Economy.** By J. R. MCCULLOCH. (1845.) 1938; xx, 407 pp. Full bound, 12s. 6d. (*Edition exhausted.*)

6. **Three Studies on the National Income.** By Professor A. L. BOWLEY, Sc.D., and Sir JOSIAH STAMP, G.B.E., Sc.D. (1919, 1920, 1927.) 1938; 145 pp. Full bound, 6s. (*Edition exhausted.*)

7. **Essays on Some Unsettled Questions of Political Economy.** By JOHN STUART MILL. (1844.) 1948; vi, 164 pp. Full bound, 10s. 6d.

8. **A Study of Industrial Fluctuations.** By D. H. ROBERTSON. 1915. With a new Introduction by the author, and an Appendix entitled "Autour de la crise américaine de 1907 ou Capitaux-réels et Capitaux-apparents" by M. Labordère (1908.) 1948; xxv, 350 pp. Full bound, 12s. 6d. (*Edition exhausted.*)

9. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. I. Jeremy Bentham, viii, 326 pp. (*Edition exhausted.*)

10. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. II. James Mill, vi, 382 pp. (*Edition exhausted.*)

11. **The English Utilitarians.** By LESLIE STEPHEN. (1900.) 1950; Vol. III. John Stuart Mill, vi, 525 pp. £2 2s per set. (*Edition exhausted.*)

12. **London Life in the Eighteenth Century.** By M. DOROTHY GEORGE. (1925.) 1930, 1951; 468 pp. Full bound, 15s.

13. **Economic Writings of Francis Horner in** *The Edinburgh Review*, **1802–1866.** Edited with an Introduction by Frank W. Fetter. 1957; vii, 134 pp. Full bound, 21s.

14. **Letters on Commercial Policy.** By R. TORRENS. (1833.) With an Introduction by Lionel Robbins. 1958; x, 96 pp. Full bound, 18s.

15. An Inquiry into the Currency Principle. By THOMAS TOOKE. (1844.) 1959; x, 166 pp. Full bound, 20s.

16. An Introduction to Tooke and Newmarch's "A History of Prices and of the State of the Circulation from 1792 to 1856." By T. E. GREGORY. (1928.) 1962; 120 pp. Full bound, 15s.

vi. Hobhouse Memorial Trust Lectures

HOBHOUSE MEMORIAL LECTURES, 1930-1940 (*Out of print*). **1941-1950.** Published by Oxford University Press. Cloth, pp. viii, 268, 17s. 6d. net.

HOBHOUSE MEMORIAL LECTURES, 1951-1960. Published by the Athlone Press. Cloth, pp. x, 284, 25s. net. This volume includes lectures 21–30, which were delivered between 1951 and 1960, as follows:—

21. Technology and History. CHARLES SINGER, D.Litt., M.D., F.R.C.P., F.S.A. 1952, pp. 20, 2s. net.

22. Contributions of Psychology to Social Problems. SIR CYRIL BURT, D.Litt., D.Sc., LL.D., F.B.A. 1953, pp. 76, 5s. net.

23. On the Notion of a Philosophy of History. D. M. MACKINNON, M.A. 1954, pp. 20, 2s. net.

24. Realities and Illusions in regard to Inter-Governmental Organizations. GUNNAR MYRDAL. 1954, pp. 28, 2s. 6d. net.

25. Aspects of the Ascent of a Civilization. SIR MORTIMER WHEELER. 1955, pp. 24, 2s. 6d. net.

26. The Welfare State. WILLIAM A. ROBSON. 1957, pp. 20, 2s. 6d. net.

27. Can Social Policies be Rationally Tested? A. MACBEATH. 1957, pp. 20, 2s. 6d. net.

28. The Curious Strength of Positivism in English Political Thought. NOEL ANNAN. 1959, pp. 21, 3s. net.

29. International Comprehension In and Through Social Science. T. H. MARSHALL. 1960, pp. 24, 3s. 6d. net.

30. Agents of Cultural Advance. SIR AUBREY LEWIS, M.D., F.R.C.P. 1961, pp. 29, 5s. net.

Some of these lectures can still be obtained separately.

These lectures continue to be delivered annually under the Hobhouse Memorial Trust and will in future be published separately, not in a collected volume. The following lecture in the new series has already been published by the Athlone Press:—

31. Punishment and the Elimination of Responsibility. H. L. A. HART. 1962, pp. 32, 5s. net.

vii. Annual Survey of English Law 1928-1940

The Survey of English Law was prepared annually by the School from 1930 to 1940 inclusive. The annual bulletins give an account of the development of English legislation, case law, and legal literature over this period. They are intended for the use of English and foreign law teachers and students and also for legal practitioners.

The Survey is divided into the following parts: (1) Jurisprudence; (2) Legal History; (3) Constitutional Law; (4) Administrative Law; (5) Family Law and the Law of Persons; (6) Property and Conveyancing; (7) Contract; (8) The Law of Tort; (9) Mercantile Law; (10) Industrial Law; (11) Evidence; (12) Civil Procedure; (13) Criminal Law and Procedure; (14) Conflict of Laws; (15) International Law and Conventions.

Each part (except (1) and (2)) is sub-divided into three sections: (*a*) Legislation; (*b*) Case Law; (*c*) Bibliography.

The Survey is the collective work of the teachers of Law at the School.

Copies of the issues for 1932 to 1940 inclusive, which are now out of print, were published by Sweet & Maxwell, Ltd.

PART IV
RESEARCH

RESEARCH

The London School of Economics has, from its foundation, been a centre of research in the field of the social sciences and has sought to provide adequate research facilities both for members of the teaching staff and for graduate students. The primary requirement was a research library which, in the words of the appeal launched in 1896 for funds for its establishment, would " provide, for the serious student of administrative or constitutional problems, what has hitherto been lacking in this country, namely, a collection of materials for economic and political research". Following the success of this appeal, the British Library of Political and Economic Science was established; it is now perhaps the largest library in the world devoted exclusively to the social sciences.

Another early development was the institution, also in 1896, of a series of Studies in Economics and Political Science; these Studies numbered over one hundred by 1932 when the initial series was closed and succeeded by a new series. The latter was superseded by another arrangement in 1944 when the Publications Committee, under the Chairmanship of Professor Sir Arnold Plant, assumed responsibility for the editing of studies issued under the auspices of the School. In 1909 the School began to sponsor the publication of select bibliographies in social studies, and since 1930 has issued reprints of scarce works and scarce tracts in Economic and Political Science.

The School has also established periodical publications in the field of social studies. *Economica*, a quarterly journal founded in 1921, has an ever widening circulation. Another quarterly journal, *Politica*, devoted to those branches of the social sciences not covered by *Economica*, was published from 1935 to 1939. During the war, a quarterly journal devoted to problems of reconstruction, *Agenda*, was published, notwithstanding the difficulties presented by war-time conditions. In March 1950, *The British Journal of Sociology*, a new quarterly journal, was established and is published for the School by Routledge and Kegan Paul, Ltd. From 1930 to 1940 an *Annual Survey of English Law* was issued under the auspices of the School and an *Annual Digest of Public International Law Cases* covering the years from 1919.

Until 1947 the School was not in a position to finance research out of its own funds, and was thus dependent on the generosity of benefactors. Between 1923 and 1937, and also between 1937 and 1945, grants were made to the School by the Rockefeller Foundation, which were used to

finance such research projects as the New Survey of London Life and Labour, begun in 1929 and completed in 1935; the Land Utilisation Survey of Great Britain under the direction of Professor L. D. Stamp; and the International History of Prices and Wages under the direction of Lord (then, Sir William) Beveridge; as well as individual projects in the fields of Social Biology and Economic History.

In 1945 the Manchester Oil Refinery, Ltd., placed funds at the disposal of the School for a period of seven years. Expressing the conviction, based on their own experience, that highly fruitful results were to be expected from a closer alliance between the economist and the industrial technician, the donors, though attaching no conditions to their gift, hoped it would make possible the closer study of economics with special reference to industry in this country. With assistance from this fund Professor R. S. Edwards made two studies. The first, a review of Co-operative Industrial Research in Great Britain, was published in 1950, and the second, a survey of Industrial Research Institutions in Switzerland, in 1951.

In 1946, the Trustees of the Nuffield Foundation made a generous grant of £20,000 to the School towards the cost of a programme of research into social selection and differentiation. To carry out this research, a **Sociological Research Unit** was organised. The object was to study the nature of the class structure of Great Britain and the factors influencing the selection and movement of individuals to different social strata. The problem was approached by examining the relationships between occupational grade, educational background and social status. Material for the inquiry into the social status structure of the population was collected by a nation-wide sample inquiry carried out in association with the Ministry of Labour and the Social Survey. A number of detailed reports were prepared. They include an examination of the educational experience of the population as at 1949; the measurement of social mobility over time; the influence of education upon social mobility; a study of inter-class marriage and the influence of social mobility upon family size. In addition the ages at which occupational stability is reached were examined by means of occupational profiles.

This general study of social mobility was supplemented by a series of special inquiries into subjective aspects of social status; self-recruitment in specific professions; the functioning of the educational selection process since the 1944 Act; and the structure of leadership in voluntary organisations in relation to the problem of social status. Reports on these various studies were brought together in a symposium entitled *Social Mobility in Britain*, edited by Professor D. V. Glass. The symposium was published in 1954.

In addition to this series of studies a detailed inquiry into the changing opportunities for secondary education was carried out in Middlesbrough and Watford. This has been described by J. E. Floud, A. H. Halsey and F. M. Martin in a book entitled *Social Class and Educational Opportunity*. The book appeared in 1957. Further, two professions were selected for intensive analysis, namely, the Higher Civil Service and the elementary school teaching profession. The reports on both these professions have been completed and published. The first study—*The Higher Civil Service in Britain*, by R. K. Kelsall—appeared in 1955, while the report on the elementary school teaching profession was published in 1957 in a book entitled *The School Teachers*, by A. Tropp. *The Blackcoated Worker*, by D. Lockwood, a study of the clerks of Britain, was published in 1958. Graduate students have also undertaken research in the same general field. Thus, Mrs. O. Banks's study, *Parity and Prestige in English Secondary Education*, was published in 1955; Dr. F. Campbell's study of London Grammar Schools appeared in the autumn of 1956; and *Technical Education and Social Change*, by Dr. S. F. Cotgrove, was published in 1958.

A research project in a different field concerns the use made of prison sentences by Magistrates' Courts in England and Wales. This study was directed by Dr. H. Mannheim and was made possible by a three-year grant from the Home Office and the Nuffield Foundation.

In the session 1949–50, the Rockefeller Foundation generously provided funds up to £4,200 per annum for three years for the maintenance and expansion of the Sociological Research Unit. When the grant from the Rockefeller Foundation came to an end, the work continued, financed by a nucleus grant out of School funds and supplemented by other grants received from outside organisations. The headquarters of the Unit are at Skepper House, Endsleigh Street, London, W.C.1, and its functions are (1) to collaborate with the International Sociological Association in the promotion of sociological research in Britain; (2) to prepare and carry out programmes of systematic research for the purpose of filling major gaps in the field of sociology. The Unit organised, for the Committee of Vice-Chancellors and Principals, a study of the intake into British universities in the session 1955–56, the report on which, prepared by R. K. Kelsall, was published in June, 1957 (*Applications for Admission to British Universities*). The material collected in this inquiry is now being used, with the consent of the Committee of Vice-Chancellors and Principals, as the basis of a follow-up study of a national sample of 6,000 students. The D.S.I.R. have provided a grant to cover the costs of this study. The first and second rounds of this follow-up have been completed. Three reports based on the analysis of the first round have been submitted to the Committee on

Higher Education, at their request, and the rest of the analysis of this stage of the inquiry will be ready by the end of 1962. Preliminary reports deriving from the second round should also be available in that year.

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

The Committee continued, until 1955, to receive grants from the Nuffield Foundation, and still receives an annual grant from the Population Council Incorporated of New York. In addition, the Ford Foundation generously gave £10,000 in 1954 for the continuation of the National Survey of the Health and Development of Children, a survey carried on in co-operation with the Institute of Child Health and the Society of Medical Officers of Health. There have been further grants from the Nuffield Foundation, the Population Council and more recently from the Department of Scientific and Industrial Research and the Home Office and it will now be possible to continue the survey until the children reach the age of 20 years. Reports on the survey include 24 published papers and two books, the second of which, *Children under Five*, by J. W. B. Douglas and J. M. Blomfield, appeared in the Spring of 1958. A third volume covering the preliminary school period has been completed. The further extension of this follow-up study will continue to be under the direction of Dr. J. W. B. Douglas and will be carried out through the new unit of which he is in charge, established by the Medical Research Council at the School.

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

A study of changes in marriage and divorce in England and Wales over the past hundred years is being undertaken, and several reports have been prepared. One of these—"The resort to divorce in England and Wales, 1858–1957" by G. Rowntree and N. H. Carrier—was published in *Population Studies* in March, 1958. The collection of documentary materials on marriage and divorce has now been completed, and much of the analysis has been undertaken. In addition, grants from the Rockefeller Foundation and other bodies have made it possible to complement the documentary study by a stratified sample survey, covering a national sample of 3,000 households. This survey, multipurpose in character, covered not only a number of aspects of marriage but also detailed questions on fertility and birth control. Much of the

material has now been analysed and several papers have appeared, dealing in particular with the changing incidence of birth control practice in Great Britain.

Another major inquiry, supported by grants from the Rockefeller Foundation and from the Nuffield Foundation, consists of a demographic study of the British Peerage, covering a period from the beginning of the 17th Century to the early 20th Century. This study should be of fundamental importance as a contribution to historical demography, since the peerage material constitutes the only large collection in Britain of reasonably reliable data extending over a long period of time. The extraction of the basic data has now been completed and most of the necessary tabulations should be available during 1962.

The **Research Techniques Division** has no precise terms of reference and ranges over a wide field; but broadly speaking it is concerned partly with the gathering and analysis of information and the testing of scientific hypotheses in economics, sociology, social psychology and related fields, and partly with fundamental research on problems of methodology.

The Division was set up in 1949 with the aid of a grant from the Nuffield Foundation. In subsequent years additional funds have been made available by the School and by generous grants from a number of sources, principally the Ford Foundation and the Nuffield Foundation. Some of the staff are full-time research officers, others are teaching members of the School staff who are associated with particular projects and others again are outside consultants. The work of the Division was directed by Professor M. G. Kendall from 1949 to 1961 when he was succeeded by Professor J. Durbin. The Division has its own specialist Library which was founded with the aid of a grant from the Leverhulme Foundation.

The work of the Division falls mainly under the following headings: (1) survey methodology, (2) dynamic economics, (3) operational research, (4) statistical methodology, (5) computational methods, and (6) bibliographical work.

Survey Methodology

The Survey Research Unit carries out studies of the nature and extent of errors in the conduct of social surveys in order to devise methods of reducing them. It has, for example, published studies of the sampling problems involved, of the effect of using amateur interviewers, of coding errors and of the way in which response varies with the type of question asked.

Over the past three years the Unit has been concerned specially with the study of psychological aspects of survey work and has completed

one series on the representativeness of volunteers for panels and for participation in research. Current projects are concerned with question design, interviewer performance and the preparation of a summary of all major methodological research published during the last twenty years. In these inquiries the Unit works in close contact with professional agencies and this useful liaison ensures that the research effort of the Unit is directed into channels where it is likely to be most useful in practice.

The Unit has recently accepted a Home Office grant for studies of the *methods* of criminological research. Work on this project will deal with issues such as: the accuracy of the information gathered, the development of discriminating variables, the devising of techniques for eliciting information, the development of further tools for the systematic analysis of criminological data.

Dynamic Economics

The aim of this project is to investigate the dynamic properties of economic systems and the problem of economic regulation. This involves bringing the postulated relationships of economic theory to an explicit form for quantitative study; investigating the properties of the models arrived at; finding methods of estimating the relationships; testing the models against observational data; and the use of models in the regulation of economic systems to meet desired objectives. Substantial progress has been made on these lines of investigation especially on the statistical problems of estimating the relationships.

Operational Research

Operational Research may be briefly defined as the development of scientific methods in problems of industry, commercial and social activity. A number of research projects on the theory and applications of mathematical programming and on queueing congestion and storage are being currently pursued. The School's interest in Operational Research has led to a development of teaching in this subject and a postgraduate Diploma in Operational Research has been in successful operation for two years. In addition a number of short courses on a variety of topics in the area have been held from time to time and have proved extremely popular.

Statistical Methodology

A large number of studies are undertaken on statistical method, sometimes prompted by practical problems arising in the School's research, sometimes because a member of the Division is interested in some theoretical aspect of the subject for its own sake. Much of this activity is concerned at the present time with the analysis of time series.

Computational Methods

Teaching in computational methods has now formed, for some years, a regular part of the undergraduate curriculum. Developments in postgraduate teaching and research are being planned. The aims are fivefold:

1. to provide, within the Research Techniques Division, a central computing service for various departments of the School;
2. to engage in research on computer applications to the social sciences;
3. to investigate and develop the use of the computer as a mechanised teaching aid;
4. to engage in basic research in computer science in such areas as programme structure, integrated computer systems, information retrieval, artificial intelligence;
5. to organise and co-ordinate generally the teaching of courses at all levels related to computers.

Bibliographical Work

A number of independent bibliographies have been compiled by members of the Division, for example on queueing theory and on the life-testing of industrial equipment. The Division assisted in founding a new journal of Statistical Abstracts on behalf of the International Statistical Institute, and among other things is at present engaged on the preparation of a comprehensive bibliography of papers on statistical method and probability from the 16th century up to the end of 1958. The first volume of this, covering the years 1950–58, has just been published.

A grant of £2,000 from the Elmgrant Trust, supplemented by the Department of Sociological and Demographic Research, enabled an electoral survey to be carried out in Greenwich in 1950. This was published by Routledge and Kegan Paul under the title *How People Vote: A Study of Electoral Behaviour in Greenwich.*

Between 1950 and 1958 the Passfield Trustees made an annual grant of £1,000. This was used to finance a number of research projects undertaken at first by members of the teaching staff and then, from 1953 onwards, by specially appointed Webb Research Fellows. The following studies have been completed: *Trade Union Government and Administration in Great Britain* by B. C. Roberts, published by G. Bell & Sons Ltd. in 1956 and reprinted in 1957; *Power and Policy in the U.S.S.R.*

by G. R. A. Conquest, published by MacMillan & Co., 1961; *The Management of Capital Projects* by R. J. S. Baker.

The Columbia University Research Programme on the History of the Communist Party of the Soviet Union (financed by the Ford Foundation) made an initial grant of £1,500 in 1956 to enable Mr. L. B. Schapiro to write a one-volume history of the Communist Party of the Soviet Union. This was published under the title *The Communist Party of the Soviet Union* by Eyre and Spottiswoode in 1960. An additional grant of £1,750 was subsequently made and was used to enable Dr. S. V. Utechin to conduct detailed researches into the early history of the Soviet Communist Party in preparation for a book which will in due course be written by Mr. Schapiro on " The Origins of Bolshevism in Russia."

Successive grants from the Nuffield Foundation of £2,500 in 1958, £3,500 in 1959 and £5,000 in 1961, and a grant from the City Parochial Foundation have enabled the Greater London Group (a group of teachers in the School, from several different disciplines, under the chairmanship of Professor W. A. Robson) to carry out research into the Government of the Greater London area. Written and oral evidence was presented to the Royal Commission on Local Government in Greater London during 1959. The Group is now engaged in a further programme of long term research. Work is in progress on the determination of the limits, growth and structure of the Greater London Region; an examination of the public policies which affect the Region relating to town and country planning, transport and traffic management, industrial and commercial location, and housing. Policy relating to services which are of special importance to local government such as education and the welfare services will also be examined; and an investigation made into some of the political problems of local government in the Region.

Since 1947 the School has, for the first time, been in a position to assist research out of its own income. A central Research Committee has been established which advises the Governors of the School upon the allocation of funds available for research. It is in this manner that the five research divisions—the Economics Research Division, the Geographical and Anthropological Research Division, the Government Research Division, the Legal Research Division and the Social Research Division receive money for projects sponsored by them.

No survey of research work pursued at the School, however brief, would be complete without reference to the studies undertaken by graduate students. Some indication of their range and of the facilities provided by the School may be obtained from the School's pamphlet *The Graduate School.* The number of students registered for graduate study at the School was nearly 900 in the session 1961–62.

INDEX

BOOKS PUBLISHED FOR THE LONDON SCHOOL OF ECONOMICS

By LONGMANS, GREEN & CO. LTD.

BRITISH BROADCASTING: *R. H. Coase*
12*s.* 6*d. net*

THE HABITUAL CRIMINAL: *Norval Morris*
27*s.* 6*d. net*

DEMOCRACY AND FOREIGN POLICY: *R. Bassett*
42*s. net*

By G. BELL & SONS LTD.

CONTRACTS OF PUBLIC AUTHORITIES: A COMPARATIVE STUDY: *J. D. B. Mitchell*
25*s. net*

THE ORIGIN OF THE COMMUNIST AUTOCRACY: *L. B. Schapiro*
35*s. net*

TRADE UNION GOVERNMENT AND ADMINISTRATION IN GREAT BRITAIN: *B. C. Roberts*
31*s.* 6*d. net*

THE ECONOMICS OF SIR JAMES STEUART: *S. R. Sen*
25*s. net*

BRITISH MONETARY EXPERIMENTS, 1650–1710: *J. Keith Horsefield*
45*s. net*

SAMUEL BAILEY AND THE CLASSICAL THEORY OF VALUE: *R. M. Rauner*
30*s. net*

THE NATURE OF INTERNATIONAL SOCIETY: *C. A. W. Manning*
30*s. net*

OPINION ON BANK RATE, 1822-60: *A. B. Cramp*
25*s. net*

FROM DEPENDENT CURRENCY TO CENTRAL BANKING IN CEYLON: AN ANALYSIS OF MONETARY EXPERIENCE, 1825-1957: *H. de S. Gunasekera*
45*s. net*

For further particulars of these publications, see pages 509—10

MADE AND PRINTED IN GREAT BRITAIN
BY THE CHAPEL RIVER PRESS LTD.
ANDOVER, HANTS
8.62