

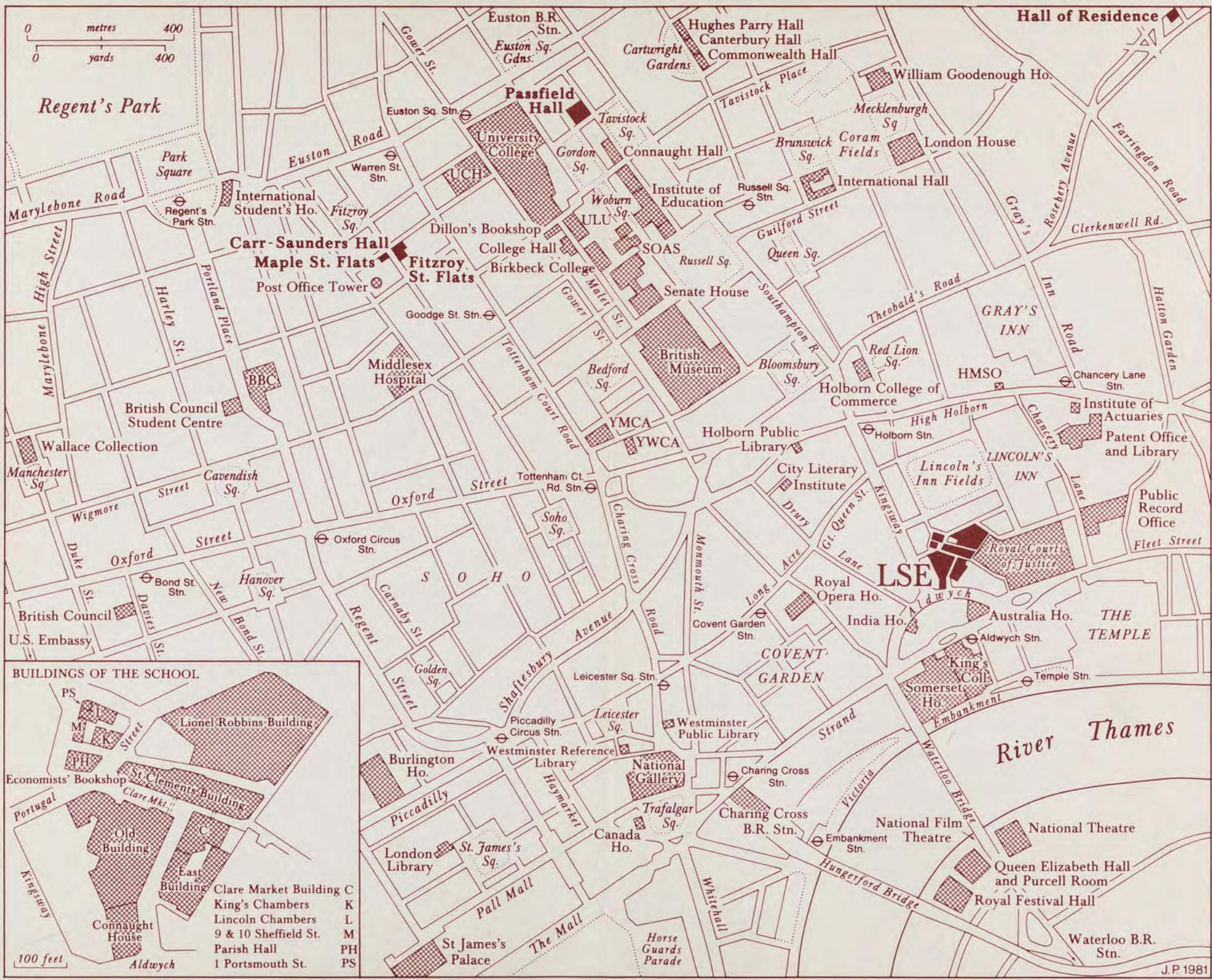
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The London School of Economics and Political Science



Calendar 1981-82

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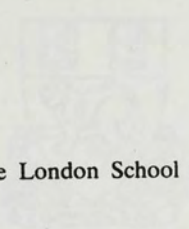
BUILDINGS OF THE SCHOOL

PS
M
PH
Economists' Bookshop
Portugal Street
Kingsway
Aldwych

Lionel Robbins Building
St. Clements Building
Clare Market Building
Old Building
East Building
Connaught House

Clare Market Building C
King's Chambers K
Lincoln Chambers L
9 & 10 Sheffield St. M
Parish Hall PH
1 Portsmouth St. PS

100 feet



The London School of Economics and Political Science *Calendar 1981-82*

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

Calendar 1981-82



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

Calendar 1981-82

- 1. The University of London
- 2. The London School of Economics and Political Science
- 3. The Institute of Education
- 4. The Institute of Child Health
- 5. The Institute of Psychiatry
- 6. The Institute of Social Studies
- 7. The Institute of Theology
- 8. The Institute of Archaeology
- 9. The Institute of Classical Studies
- 10. The Institute of Jewish Studies
- 11. The Institute of Oriental Studies
- 12. The Institute of African Studies
- 13. The Institute of Latin American Studies
- 14. The Institute of Commonwealth Studies
- 15. The Institute of Public Administration
- 16. The Institute of Social and Administrative Sciences
- 17. The Institute of Economics and Statistics
- 18. The Institute of Mathematics and Statistics
- 19. The Institute of Physics
- 20. The Institute of Chemistry
- 21. The Institute of Biological Sciences
- 22. The Institute of Agricultural Sciences
- 23. The Institute of Environmental Studies
- 24. The Institute of Health Services Research
- 25. The Institute of Health Services Research
- 26. The Institute of Health Services Research
- 27. The Institute of Health Services Research
- 28. The Institute of Health Services Research
- 29. The Institute of Health Services Research
- 30. The Institute of Health Services Research

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Part I: General Information

Postal Address: Houghton Street, London, WC2A 2AE

Telephone Number: 01-405 7686

Telegrams: Poleconics, London, W.C.2.

Office Hours for Enquiries:

Registry (Room H310) *Examinations Office* (Room H307) and *Timetabling Office* (Room H306)

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

2.00 p.m. to 4.30 p.m.

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

Undergraduate Admissions Office (Room H301)

Monday to Friday: 2.00 p.m. to 4.30 p.m.

Graduate School Office (Room H203)

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

2.00 p.m. to 4.30 p.m.

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

Graduate Admissions Office (Room H205)

Monday to Friday: 2.00 p.m. to 4.30 p.m.

Official Publications:

Calendar of the School, obtainable from The Economists' Bookshop, Clare

Market, Portugal Street, London, WC2A 2AB, £5.50 plus postage

Annual Report by the Director on the Work of the School

Handbook of Undergraduate Courses

The Graduate School

General Course Registration

Diplomas in the Social Sciences

Department of Anthropology

Diploma in Social Planning in Developing Countries

Department of Social Science and Administration

Diploma in Personnel Management

European Studies for Graduates

Trade Union Studies

Graduate Studies in Politics

Graduate Studies in Social Psychology

Graduate Studies in Industrial Relations

Graduate Studies in International History

Department of International Relations (Higher Degrees in International Relations)

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

Dates of Terms

Session 1981-82

Michaelmas Term: Thursday, 1 October 1981 to Friday, 11 December 1981
(Teaching begins Monday, 5 October 1981)

Lent Term: Monday, 11 January 1982 to Friday, 19 March 1982

Summer Term: Monday, 26 April 1982 to Friday, 2 July 1982

Session 1982-83

Michaelmas Term: Thursday, 30 September 1982 to Friday, 10 December 1982
(Teaching begins Monday, 4 October 1982)

Lent Term: Monday, 10 January 1983 to Friday, 18 March 1983

Summer Term: Monday, 25 April 1983 to Friday, 1 July 1983

Calendar 1981-82

(University functions in Italics)

September 1981

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

| | | |
|----|----|--|
| 1 | Th | School Michaelmas Term begins |
| 2 | F | |
| 3 | S | |
| 4 | S | |
| 5 | M | Building Committee, 5.30 p.m. |
| 6 | T | Academic Studies Sub-Committee, 2 p.m. Standing Committee, 5.15 p.m. |
| 7 | W | University Michaelmas Term begins. Standing Sub-Committee of the Appointments Committee, 2 p.m. |
| 8 | Th | |
| 9 | F | Inter-Halls Committee, 2 p.m. |
| 10 | S | |
| 11 | S | |
| 12 | M | |
| 13 | T | Publications Committee, 10 a.m. |
| 14 | W | General Purposes Committee, 2 p.m. Graduate School Committee, 4.30 p.m. |
| 15 | Th | |
| 16 | F | |
| 17 | S | |
| 18 | S | |
| 19 | M | Meeting of Professors of Economics, 2 p.m. |
| 20 | T | |
| 21 | W | Academic Policy Committee, 2 p.m. Research Committee, 4.30 p.m. |
| 22 | Th | Committee on Accommodation, 2 p.m. Athletics Committee, 4 p.m. Director's Reception for Academic Staff, 8 p.m. |
| 23 | F | |
| 24 | S | |
| 25 | S | |
| 26 | M | |
| 27 | T | Admissions Committee, 10 a.m. |
| 28 | W | Appointments Committee, 2 p.m. Library Committee, 4.30 p.m. Director's Reception for Academic Staff, 8 p.m. |
| 29 | Th | Committee on Administrative and Library Staffs, 10 a.m. External Relations Committee, 5 p.m. |
| 30 | F | |
| 31 | S | |

| | | |
|----|----|--|
| 1 | S | |
| 2 | M | Building Committee, 5.30 p.m. |
| 3 | T | Academic Studies Sub-Committee, 2 p.m. Standing Committee, 5.15 p.m. |
| 4 | W | Academic Board, 2 p.m. Eileen Power Memorial Trust Fund Committee of Management, 2 p.m. Graduate School Committee, 4.30 p.m. |
| 5 | Th | LSE-AUT Joint Negotiating and Consultative Committee, 5 p.m. |
| 6 | F | Committee on the Welfare of Overseas Students, 2 p.m. |
| 7 | S | |
| 8 | S | |
| 9 | M | Meeting of Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m. Committee on Undergraduate Studies, 5 p.m. |
| 10 | T | Joint Meeting of Standing Committee and Student Governors, 5.15 p.m. |
| 11 | W | Scholarships and Prizes Committee, 11 a.m. Standing Sub-Committee of the Appointments Committee, 2 p.m. Board of Studies in Economics, 2.30 p.m. |
| 12 | Th | |
| 13 | F | |
| 14 | S | |
| 15 | S | |
| 16 | M | Staff Research Fund Committee, 2 p.m. |
| 17 | T | |
| 18 | W | Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. |
| 19 | Th | |
| 20 | F | |
| 21 | S | |
| 22 | S | |
| 23 | M | Catering Services Advisory Committee, 3 p.m. |
| 24 | T | |
| 25 | W | Academic Policy Committee, 2 p.m. |
| 26 | Th | |
| 27 | F | Safety Committee, 2 p.m. |
| 28 | S | |
| 29 | S | |
| 30 | M | Committee on Undergraduate Studies, 5 p.m. |

December 1981

| | | |
|----|----|--|
| 1 | T | Admissions Committee, 10 a.m. |
| 2 | W | Appointments Committee, 2 p.m. Research Committee, 4.30 p.m. |
| 3 | Th | Athletics Committee, 4 p.m. External Relations Committee, 5 p.m. |
| 4 | F | Inter-Halls Committee, 2 p.m. |
| 5 | S | |
| 6 | S | |
| 7 | M | Committee on Administrative and Library Staffs, 10 a.m. Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m. |
| 8 | T | Publications Committee, 10 a.m. Academic Studies Sub-Committee, 2 p.m. Standing Committee, 5.15 p.m. |
| 9 | W | Academic Board, 2 p.m. Graduate School Committee, 4.30 p.m. |
| 10 | Th | Committee on Accommodation, 2 p.m. Court of Governors, 5 p.m. |
| 11 | F | School Michaelmas Term ends |
| 12 | S | |
| 13 | S | |
| 14 | M | |
| 15 | T | |
| 16 | W | <i>University Michaelmas Term ends</i> |
| 17 | Th | |
| 18 | F | |
| 19 | S | |
| 20 | S | |
| 21 | M | |
| 22 | T | |
| 23 | W | |
| 24 | Th | School buildings close for Christmas holiday, 9.30 p.m. |
| 25 | F | Christmas Day |
| 26 | S | |
| 27 | S | |
| 28 | M | |
| 29 | T | |
| 30 | W | |
| 31 | Th | |

January 1982

| | | |
|----|----|--|
| 1 | F | New Year's Day Public Holiday |
| 2 | S | |
| 3 | S | |
| 4 | M | School buildings re-open, 9.30 a.m. |
| 5 | T | |
| 6 | W | |
| 7 | Th | |
| 8 | F | |
| 9 | S | |
| 10 | S | |
| 11 | M | School Lent Term begins |
| 12 | T | Academic Studies Sub-Committee, 2 p.m. Standing Committee, 5.15 p.m. |
| 13 | W | <i>University Lent Term begins.</i> Standing Sub-Committee of the Appointments Committee, 2 p.m. |
| 14 | Th | |
| 15 | F | |
| 16 | S | |
| 17 | S | |
| 18 | M | Meeting of Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m. |
| 19 | T | Graduands' Reception, 6.30 p.m. |
| 20 | W | <i>Presentation Day.</i> Conference Grants Sub-Committee, 12 noon. General Purposes Committee, 2 p.m. Graduate School Committee, 4.30 p.m. |
| 21 | Th | External Relations Committee, 5 p.m. |
| 22 | F | |
| 23 | S | |
| 24 | S | |
| 25 | M | Committee on Undergraduate Studies, 5 p.m. |
| 26 | T | |
| 27 | W | Academic Policy Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. Library Committee, 4.30 p.m. |
| 28 | Th | Athletics Committee, 4 p.m. |
| 29 | F | |
| 30 | S | |
| 31 | S | |

February 1982

| | | |
|-------|----|---|
| 1 | M | |
| 2 | T | Admissions Committee, 10 a.m. Investments Committee, 5 p.m. |
| 3 | W | Appointments Committee, 2 p.m. Research Committee, 4.30 p.m. |
| 4 | Th | Committee on Administrative and Library Staffs, 2 p.m. |
| 5 | F | |
| 6 | S | |
| <hr/> | | |
| 7 | S | |
| 8 | M | Building Committee, 5.30 p.m. |
| 9 | T | Academic Studies Sub-Committee, 2 p.m. Standing Committee, 5.15 p.m. |
| 10 | W | Scholarships and Prizes Committee, 11 a.m. Academic Board, 2 p.m. |
| 11 | Th | |
| 12 | F | |
| 13 | S | |
| <hr/> | | |
| 14 | S | |
| 15 | M | Meeting of Professors of Economics, 2 p.m. Committee on Undergraduate Studies, 5 p.m. |
| 16 | T | Joint Meeting of Standing Committee and Student Governors, 5.15 p.m. |
| 17 | W | Standing Sub-Committee of the Appointments Committee, 2 p.m. Graduate School Committee, 4.30 p.m. |
| 18 | Th | Committee on Accommodation, 2 p.m. |
| 19 | F | Committee on the Welfare of Overseas Students, 2 p.m. |
| 20 | S | |
| <hr/> | | |
| 21 | S | |
| 22 | M | Staff Research Fund Committee, 2 p.m. |
| 23 | T | Publications Committee, 10 a.m. |
| 24 | W | Standing Sub-Committee of the Appointments Committee (all day) |
| 25 | Th | LSE-AUT Joint Negotiating and Consultative Committee, 5 p.m. |
| 26 | F | Safety Committee, 2 p.m. |
| 27 | S | |
| <hr/> | | |
| 28 | S | |

March 1982

| | | |
|-------|----|--|
| 1 | M | Catering Services Advisory Committee, 3 p.m. |
| 2 | T | |
| 3 | W | General Purposes Committee, 2 p.m. <i>Board of Studies in Economics</i> , 2.30 p.m. Academic Policy Committee, 4.30 p.m. |
| 4 | Th | |
| 5 | F | Inter-Halls Committee, 2 p.m. |
| 6 | S | |
| <hr/> | | |
| 7 | S | |
| 8 | M | Committee on Undergraduate Studies, 5 p.m. |
| 9 | T | Graduand's Reception, 6.30 p.m. |
| 10 | W | <i>Presentation Day</i> . Conference Grants Sub-Committee, 12 noon. Appointments Committee, 2 p.m. |
| 11 | Th | Athletics Committee, 4 p.m. External Relations Committee, 5 p.m. |
| 12 | F | |
| 13 | S | |
| <hr/> | | |
| 14 | S | |
| 15 | M | Meeting of Professors of Economics, 2 p.m. Building Committee, 5.30 p.m. |
| 16 | T | Standing Committee, 5.15 p.m. |
| 17 | W | Academic Board, 2 p.m. Research Committee, 4.30 p.m. |
| 18 | Th | Committee on Administrative and Library Staffs, 2 p.m. |
| 19 | F | School Lent Term ends |
| 20 | S | |
| <hr/> | | |
| 21 | S | |
| 22 | M | |
| 23 | T | |
| 24 | W | <i>University Lent Term ends</i> |
| 25 | Th | Court of Governors, 5 p.m. |
| 26 | F | |
| 27 | S | |
| <hr/> | | |
| 28 | S | |
| 29 | M | |
| 30 | T | Admissions Committee, 10 a.m. |
| 31 | W | |

April 1982

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

May 1982

| | | |
|----|----|---|
| 1 | S | |
| 2 | S | |
| 3 | M | May Day Public Holiday |
| 4 | T | Admissions Committee, 10 a.m. Committee on Administrative and Library Staffs, 2 p.m. Standing Committee, 5.15 p.m. |
| 5 | W | General Purposes Committee, 2 p.m. Graduate School Committee, 4.30 p.m. |
| 6 | Th | Athletics Committee, 4 p.m. External Relations Committee, 5 p.m. |
| 7 | F | Inter-Halls Committee, 11.30 a.m. Committee on the Welfare of Overseas Students, 2 p.m. |
| 8 | S | |
| 9 | S | |
| 10 | M | Meeting of Professors of Economics, 2 p.m. Student Health Service Committee, 4.15 p.m. Committee on Undergraduate Studies, 5 p.m. |
| 11 | T | Joint Meeting of Standing Committee and Student Governors, 5.15 p.m. Graduands' Reception, 6.30 p.m. |
| 12 | W | <i>Presentation Day.</i> Scholarships and Prizes Committee, 11 a.m. Academic Policy Committee, 2 p.m. Research Committee, 4.30 p.m. |
| 13 | Th | |
| 14 | F | |
| 15 | S | |
| 16 | S | |
| 17 | M | Staff Research Fund Committee, 2 p.m. Building Committee, 5.30 p.m. |
| 18 | T | |
| 19 | W | Appointments Committee, 2 p.m. Library Committee, 4.30 p.m. |
| 20 | Th | LSE-AUT Joint Negotiating and Consultative Committee, 5 |
| 21 | F | |
| 22 | S | |
| 23 | S | |
| 24 | M | |
| 25 | T | Publications Committee, 10 a.m. Academic Studies Sub-Committee, 2 p.m. |
| 26 | W | Academic Board, 2 p.m. |
| 27 | Th | Committee on Accommodation, 2 p.m. |
| 28 | F | Inter-Halls Committee, 2 p.m. |
| 29 | S | |
| 30 | S | |
| 31 | M | Spring Bank Holiday |

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

| | | |
|----|----|------------------------------------|
| 1 | Th | |
| 2 | F | School Summer Term ends |
| 3 | S | |
| 4 | S | |
| 5 | M | |
| 6 | T | Standing Committee, 5.15 p.m. |
| 7 | W | <i>University Summer Term ends</i> |
| 8 | Th | Court of Governors, 5 p.m. |
| 9 | F | |
| 10 | S | |
| 11 | S | |
| 12 | M | |
| 13 | T | |
| 14 | W | |
| 15 | Th | |
| 16 | F | |
| 17 | S | |
| 18 | S | |
| 19 | M | |
| 20 | T | |
| 21 | W | |
| 22 | Th | |
| 23 | F | |
| 24 | S | |
| 25 | S | |
| 26 | M | |
| 27 | T | |
| 28 | W | |
| 29 | Th | |
| 30 | F | |
| 31 | S | |

The Court of Governors

Chairman:

Sir Huw Wheldon, O.B.E., M.C., B.SC.ECON., D.LITT., LL.D., F.R.S.A.

Vice-Chairman:

Sir Antony Part, G.C.B., M.B.E., B.A., D.SC., D.TECH., C.B.I.M.

Secretary to the Court of Governors:

The Director: Professor R. G. Dahrendorf, DR. PHIL., PH.D., D.LITT., LITT.D., D.H.L., LL.D., D.SC., DR. UNIV., M.R.I.A., F.B.A., F.R.S.A.

W. M. Allen, B.SC.ECON., M.A.

⁵ Mrs. B. Asherson

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C. H. Barclay, F.C.A.

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² K. Baynton

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LL.D., D.S.C., C.I.P.M.,

C.B.I.M., F.I.B.

G. C. Brunton

J. C. Burgh, C.B.

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LL.D.

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² A. Catchpole, M.A., LL.B.

Sir Paul Chambers, K.B.E., C.B., C.I.E.,
B.COM., M.SC.ECON., D.SC., LL.D.,
D.TECH.

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³ C. J. Crouch, B.A., D.PHIL.

Sir Frederick Dainton, F.R.S., M.A.,
B.SC., PH.D., SC.D., D.SC., LL.D.,
F.R.C.P.

⁵ T. Dale, B.SC.ECON.

Miss L. M. Dugdale, B.SC., F.I.S.

³ J. Durbin, M.A.

A. F. Earle, B.SC.ECON., PH.D.

³ R. C. Estall, B.SC.ECON., PH.D.

L. Farrer-Brown, C.B.E., B.SC.ECON.,
LL.D., D.SC., F.D.S.R.C.S., J.P.

² Miss H. Fawcett

M. H. Fisher

The Right Hon. Lord Fletcher,

B.A., LL.D., F.R.S., F.R.HIST.S.

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International Relations: Professor F. S. Northedge
Language Studies: Professor R. Chapman
Law: Professor Lord Wedderburn
Philosophy, Logic and Scientific Method: Professor E. A. Gellner
Social Psychology: Professor Hilde T. Himmelweit
Social Science and Administration: Professor B. Abel-Smith
Sociology: Professor T. P. Morris
Statistical and Mathematical Sciences: Professor A. S. Douglas

Departmental Tutors for the Session 1981-82

Accounting: Mr. C. W. Noke
Anthropology: Dr. A. A. F. Gell
Economic History: Dr. P. Earle
Economics: Dr. N. A. Barr
Geography: Dr. A. M. Lambert (1st year B.Sc. and B.Sc.(Econ.) students)
Dr. F. E. I. Hamilton (2nd year B.Sc. and B.Sc.(Econ.) students)
Professor M. J. Wise (3rd year B.Sc. and B.Sc.(Econ.) students)
Government: Dr. R. S. Barker
Industrial Relations: Mr. S. Meredeen
International History: Mr. G. A. Grün (B.Sc.(Econ.) students) (Michaelmas Term)
Dr. R. W. D. Boyce (B.Sc.(Econ.) students) (Lent and Summer Terms)
Dr. D. McKay (B.A. History students)
International Relations: Mr. P. G. Taylor
Language Studies: Dr. K. E. M. George
Law: Mr. D. N. Schiff
Philosophy: Dr. P. M. Urbach
Social Psychology: Dr. Janet E. Stockdale
Social Science and Administration: Dr. D. M. Downes
Sociology: Dr. M. Mann
Statistical and Mathematical Sciences: Dr. Celia M. Phillips

Secretaries of Divisions of the Staff Research Fund

Economics: Dr. M. J. Desai
Geography/Anthropology: Dr. J. D. McKnight
Government: Dr. H. Machin

International Studies: Dr. A. B. Polonsky
Legal: Ms. J. Temkin
Social: Dr. C. T. Husbands
Statistics: Mr. A. C. Harvey

Committee Members

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
 The Pro-Director

} *ex officio*

The Rt. Hon. Lord Croham
 Mrs. E. M. Hattersley
 Sir Arthur Knight
 Mr. A. P. Lester
 The Rt. Hon. Lord Ponsonby of Shulbrede

Professor T. C. Barker
 Dr. C. J. Crouch
 Professor J. Durbin
 Dr. R. C. Estall
 Professor D. G. MacRae
 Professor B. C. Roberts
 Professor D. C. Watt

} *nominated by the Academic Board*

BUILDING COMMITTEE

The Director
 The Pro-Director
 The General Secretary of the Students' Union
 The Senior Treasurer of the Students' Union
 Mr. A. C. Gilmour (Chairman)

} *ex officio*

Mr. I. C. Clarke
 Mr. P. G. Palumbo
 Mr. D. A. Clarke
 Dr. G. D. Gaskell
 Dr. Audrey M. Lambert
 Mr. F. F. Land
 Mr. J. E. Hall Williams

} *nominated by the Academic Board*

Two student members nominated by the Students' Union

EXTERNAL RELATIONS COMMITTEE (a sub-committee of the Standing Committee)

The Chairman of the Court of Governors (Chairman)
 The Vice-Chairman of the Court of Governors
 The Vice-Chairman of the Academic Board
 The Director
 The Pro-Director

} *ex officio*

Dr. N. A. Barr
 Mr. J. C. Burgh
 Professor Charlotte J. Erickson
 Mr. D. J. Kingsley
 Mr. P. G. Palumbo
 The Rt. Hon. Lord Robbins
 Professor B. C. Roberts
 Professor Susan Strange
 The Rt. Hon. Lord Tanlaw

HONORARY FELLOWS COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director
The Vice-Chairman of the Academic Board
(Professor Adela A. Nevitt) } *ex officio*

Mrs. Jean Floud
Sir Claus Moser
Professor R. Chapman
Mr. D. R. Diamond
Professor P. J. O. Self
Mr. D. J. Sinclair
Professor M. J. Wise } *nominated by the Academic Board*

INVESTMENTS COMMITTEE

The Chairman of the Court of Governors
The Vice-Chairman of the Court of Governors
The Director
The Pro-Director
Sir Anthony Burney (Chairman)
Mr. C. H. Barclay
The Rt. Hon. Lord Croham
Mr. R. J. Kirton
Professor A. R. Prest
E. de Rothschild } *ex officio*

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

Sir Antony Part (Chairman)
The Director
The Pro-Director
The Librarian
The Chairman of the Library Committee
(Professor Charlotte J. Erickson)
Mr. R. E. Bird
Sir Frederick Dainton
Dr. R. C. Estall
Dr. A. J. Ostaszewski } *ex officio*
} *nominated by the Academic Board*

Committees of the Academic Board

GENERAL PURPOSES COMMITTEE

The Director
The Pro-Director
The Vice-Chairman of the Academic Board
(Professor Adela A. Nevitt)
The General Secretary of the Students' Union
The Graduate Affairs Officer of the Students' Union Executive } *ex officio*
Mr. R. F. G. Alford
Professor M. S. Anderson
Mr. D. W. Balmer
Professor T. C. Barker
Dr. J. L. Bell
Professor P. S. Dasgupta
Dr. H. Machin
Dr. D. McKay
Dr. A. N. Oppenheim
Mr. D. F. J. Piachaud
Professor R. A. Pinker
Mr. G. Schöpflin
Professor Susan Strange
The Dean of the Graduate School (Dr. R. R. Orr)
The Dean of Undergraduate Studies (Mr. D. J. Sinclair)

Four student members nominated by the Students' Union

CONFERENCE GRANTS SUB-COMMITTEE

(A sub-committee of the General Purposes Committee)

The Director
The Pro-Director } *ex officio*
Three members of the academic staff nominated with the concurrence of the Academic Board

COMMITTEE ON ACCOMMODATION

The Director
The Pro-Director
The Vice-Chairman of the Academic Board
(Professor Adela A. Nevitt)
The General Secretary of the Students' Union (Mr. J. Mumford) } *ex officio*
Mr. M. E. Falkus
Mr. I. Karsten
Mr. F. F. Land
Mr. S. P. Lumby
Mr. S. Meredeen
Dr. A. N. Oppenheim
Mr. M. J. Reddin
Dr. G. R. Smith

Four student members nominated by the Students' Union

CAREERS ADVISORY SERVICE COMMITTEE

The Director
The Pro-Director } *ex officio*
Mr. J. W. Carrier (Chairman)

Mr. G. C. Brunton
 Mr. R. J. Kirton
 Mrs. K. F. Russell
 Mr. E. C. Sosnow
 Mr. S. F. Wheatcroft
 Professor Susan Dev
 Mr. G. A. Grün
 Mr. V. H. Joffe
 Dr. Judith A. Rees
 Miss S. B. Sainsbury
 Dr. Janet E. Stockdale
 Dr. Rosamund M. Thomas
 (Vacancy)

} appointed by the Court of Governors

Nine student members

COMPUTER TIME ALLOCATION COMMITTEE

The Pro-Director
 The Vice-Chairman of the Academic Board
 (Professor Adela A. Nevitt)
 The Convener of the Statistics Department (Professor A. S. Douglas)
 Dr. R. C. Estall
 Professor M. Zander

} ex officio

GRADUATE SCHOOL COMMITTEE

The Director
 The Pro-Director
 Professor M. S. Anderson (Chairman)
 Dr. R. R. Orr (Dean)
 Professor K. Bourne
 Professor B. V. Carsberg
 Professor R. Chapman
 Professor P. S. Cohen
 Professor M. W. Cranston
 Professor P. S. Dasgupta
 Mr. M. D. Donelan
 Dr. C. R. S. Dougherty
 Professor J. Durbin
 Dr. E. H. Hunt
 Dr. L. H. Leigh
 Professor I. M. Lewis
 Dr. A. N. Oppenheim
 Professor R. A. Pinker
 Dr. Judith A. Rees
 Professor B. C. Roberts
 Dr. E. G. Zahar

} ex officio

NORTHERN STUDIES COMMITTEE

The Director
 The Pro-Director
 The Cultural Attachés of the Four Northern Countries
 (Chairman to be appointed)
 Mr. G. A. Grün
 Mr. J. T. S. Madeley

} ex officio

52 Committee Members

Mr. J. Potter
 Mr. M. J. Reddin
 Mr. J. V. Rosenhead

PUBLICATIONS COMMITTEE

The Director
 The Pro-Director
 The Librarian
 (Chairman to be appointed)
 Professor K. Bourne
 Dr. M. J. Desai
 Dr. P. Earle
 Dr. A. A. F. Gell
 Dr. T. J. Nossiter
 Mr. M. J. Reddin
 Mr. R. K. Stamper

} ex officio

SCHOLARSHIPS AND PRIZES COMMITTEE

The Director
 The Pro-Director
 The Chairman of the Admissions Committee (Dr. R. C. Estall)
 The Deputy Chairman of the Admissions Committee
 (Mr. A. J. Beattie)
 Dr. R. R. Orr (Chairman)
 Dr. R. J. Bullen (Vice-Chairman)
 Mrs. E. V. Barker
 Mr. B. Green
 Professor D. F. Hendry
 Dr. M. Leifer
 Dr. T. J. Nossiter
 Professor R. A. Pinker
 Miss H. M. Scoging

} ex officio

COMMITTEE ON THE STUDENT HEALTH SERVICE

The Director
 The Pro-Director
 Mr. H. Glennerster (Chairman)
 Professor J. A. G. Griffith
 Dr. J. McShane
 Mr. M. J. Reddin

} ex officio

Four student members

COMMITTEE ON UNDERGRADUATE STUDIES

The Director
 The Pro-Director
 The Dean of Undergraduate Studies (Mr. D. J. Sinclair) (Chairman)
 The Academic Affairs Officer of the Students' Union
 One member of the academic staff from each department
 One student member from each department

} ex officio

53 Committee Members

Appointments Committee and its Committees

APPOINTMENTS COMMITTEE

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

STANDING SUB-COMMITTEE OF THE APPOINTMENTS COMMITTEE

- The Director
 - The Pro-Director
 - The Vice-Chairman of the Appointments Committee
(Professor J. A. G. Griffith)
 - Professor K. G. Binmore
 - Professor P. S. Cohen
 - Professor C. Grunfeld
 - Professor E. Kedourie
 - Professor D. E. G. Plowman
 - Professor Susan Strange
 - Professor P. J. de la F. Wiles
 - Professor M. J. Wise
- } *ex officio*

RESEARCH COMMITTEE

- The Director
 - The Pro-Director
 - The Librarian
 - Professor D. G. MacRae (Chairman)
 - Mr. A. C. Harvey
 - Dr. C. Howson
 - Professor S. J. Nickell
 - Professor R. A. Pinker
 - Dr. A. P. E. L. Sealy
 - Professor P. J. O. Self
 - (Three vacancies)
- } *ex officio*

Committees Advisory to the Director

ACADEMIC POLICY COMMITTEE

- The Director
 - The Pro-Director
 - The Chairman of the Graduate School Committee
(Professor M. S. Anderson)
 - The Dean of the Graduate School (Dr. R. R. Orr)
 - The Dean of Undergraduate Studies (Mr. D. J. Sinclair)
 - The Librarian
 - The Vice-Chairman of the Academic Board
(Professor Adela A. Nevitt)
 - The Vice-Chairman of the Appointments Committee
(Professor J. A. G. Griffith)
 - The Chairman of the Academic Studies Sub-Committee
(Professor K. Bourne)
 - Professor B. Abel-Smith
 - Dr. S. Alpern
 - Dr. C. J. Crouch
 - Mr. M. D. Donelan
 - Dr. P. Earle
- } *ex officio*

- Professor L. P. Foldes
- Dr. J. G. H. Fulbrook
- Dr. S. Glaister
- Mr. G. A. Grün
- Mr. D. E. Guest
- Mr. R. R. T. Holmes
- Dr. B. S. Johnson
- Mr. D. K. C. Jones
- Mr. A. G. L. Nicol
- Mr. C. W. Noke
- Dr. J. P. Parry
- Professor R. A. Pinker
- Dr. C. S. Smith
- Mr. J. J. Thomas
- Dr. E. Zahar
- (Three vacancies)

ACADEMIC STUDIES SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

- The Pro-Director
 - The Dean of Undergraduate Studies (Mr. D. J. Sinclair)
 - Professor K. Bourne (Chairman)
 - (Eight members to be notified)
- } *ex officio*

COMPUTING SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE

- The Director
 - The Pro-Director
 - The Chairman of the Computer Services Users' Committee
(Dr. C. Board)
 - Professor A. S. Douglas (Chairman)
 - Dr. M. I. A. Bulmer
 - Dr. G. D. Gaskell
 - Professor D. F. Hendry
 - Mr. J. M. Jacob
 - Dr. B. S. Johnson
 - Mr. F. F. Land
 - Dr. T. J. Nossiter
 - Dr. S. J. Waters
 - (Vacancy)
- } *ex officio*

Two student members

SUB-COMMITTEE OF THE ACADEMIC POLICY COMMITTEE ON POST-EXPERIENCE

- EDUCATION
- The Pro-Director *ex officio*
- Professor R. A. Pinker (Chairman)
- Dr. R. S. Barker
- Professor Susan Dev
- Mr. D. R. Diamond
- Dr. S. R. Hill
- Dr. S. A. Roberts
- Dr. A. F. Shorrocks
- Professor K. E. Thurley

ADMISSIONS COMMITTEE (Undergraduate Courses)

The Director } *ex officio*
 The Pro-Director }
 Dr. R. C. Estall (Chairman)
 Mr. A. J. Beattie (Deputy Chairman)
 Mr. R. F. G. Alford
 Mr. D. E. Baines
 Mr. M. H. Banks
 Dr. N. A. Barr
 Dr. Elizabeth M. Boardman
 Mr. P. F. Dawson
 Professor Susan Dev
 Dr. D. M. Downes
 Mr. M. E. Falkus
 Dr. K. E. M. George
 Mr. G. A. Grün
 Dr. Carol R. Harlow
 Mr. A. D. Jones
 Mr. K. Klappholz
 Dr. M. Liefer
 Dr. P. Loizos
 Mr. K. R. Minogue
 Dr. A. B. Polonsky
 Mr. J. Potter
 Dr. M. J. Sallnow
 Dr. A. W. Swingewood
 Mr. P. G. Taylor
 Mr. J. J. Thomas
 Mr. E. Thorp

ATHLETICS COMMITTEE

Dr. R. C. Estall (Chairman)
 Mr. M. E. Falkus (Vice-Chairman)
 The Pro-Director
 Mr. C. A. O'Muircheartaigh } *nominated by the Academic Board*
 Dr. J. Worrall
 Mr. K. R. Minogue (representing the Senior Common Room)
 Mr. D. Amatt } (representing the L.S.E. Society)
 Mr. P. Poynter
 The President of the Athletic Union (Mr. M. Quinn)
 Mr. R. Cresswell
 Mr. N. Goddard
 Miss C. Pennington
 Mr. J. Pittalis
 Mr. M. Roberts
 Mr. D. Rowe

COMMITTEE ON ADMINISTRATIVE AND LIBRARY STAFFS

The Director (Chairman)
 The Pro-Director
 Chairman of the Library Committee (Professor Charlotte J. Erickson)
 The Vice-Chairman of the Academic Board (Professor Adela A. Nevitt)
 The Vice-Chairman of the Appointments Committee (Professor J. A. G. Griffith)

Dr. R. C. Estall } *nominated by the Standing Committee*
 Professor D. G. MacRae }
 The Librarian
 The Academic Secretary
 The Secretary for Finance and Administrative Services

LIBRARY COMMITTEE

The Director } *ex officio*
 The Pro-Director }
 The Librarian }
 The Chairman of the Library Panel (Sir Antony Part)
 The General Secretary of the Students' Union
 The Graduate Affairs Officer of the Students' Union Executive
 Professor Charlotte J. Erickson (Chairman)
 Professor D. A. Martin (Vice-Chairman)
 Mr. R. E. Bird } *nominated by the Standing Committee*
 Sir Frederick Dainton }
 Dr. N. A. Barr }
 Mr. T. C. Hartley } *nominated by the Academic Board*
 Dr. M. J. Hebbert }
 Professor W. Letwin }
 Professor I. M. Lewis }
 Dr. A. J. Ostaszewski }
 Mr. D. J. Sinclair }
 An Academic Governor Member of the Library Panel
 Two student members nominated by the Students' Union
 Mr. G. Thompson
 (Up to two further outside members)

EQUIPMENT COMMITTEE

The Pro-Director (Chairman)
 The Vice-Chairman of the Academic Board (Professor Adela A. Nevitt)
 Dr. C. J. Crouch

INTER-HALLS COMMITTEE

The Director } *ex officio*
 The Pro-Director }
 The Secretary for Finance and Administrative Services }
 The Warden of Carr-Saunders Hall }
 The Warden of Passfield Hall }
 The Warden of Rosebery Avenue Hall }
 The Academic Resident of Fitzroy Streets Flats }
 The Academic Resident of Maple Streets Flats }
 Four student representatives resident in the Carr-Saunders complex and comprising two students resident in Hall and one resident in each block of flats
 Two student representatives resident in Passfield Hall of Residence and elected by the Hall Society
 Two student representatives resident in Rosebery Avenue Hall of Residence and elected by the Hall Society

CATERING SERVICES ADVISORY COMMITTEE

- The Director
- The Pro-Director (Chairman)
- The Secretary for Finance and Administrative Services
- Two representatives of the Senior Common Room
- Two representatives of the Administrative Staff Common Room of whom one must be a member of the Library Staff
- Five student members (including the Senior Treasurer of the Students' Union)

SAFETY COMMITTEE

- Professor M. Zander (Chairman)
- Two representatives of the ASTMS
- Two representatives of the AUT
- One representative of the EETPU
- Two representatives of NALGO
- Two representatives of the TGWU
- One representative of SOGAT
- One representative of ACCTS
- The Bursar
- The School Health Service Officer
- The Administrative Officer Residences and Catering
- The Safety Officer
- The Assistant Personnel Officer
- The House Manager
- The Deputy Catering Manager
- The School Nurse
- The Library Steward

Three student members

COMMITTEE ON THE WELFARE OF OVERSEAS STUDENTS

- The Pro-Director
- The Welfare Officer of the Students' Union Executive
- The Dean of the Graduate School (Dr. R. R. Orr)
- The Dean of Undergraduate Studies (Mr. D. J. Sinclair)
- Professor R. Chapman (Chairman)
- Mrs. M. G. W. Hardiman
- Dr. J. O. Midgley
- Professor I. H. Nish
- Mr. J. Potter
- Mr. J. J. Thomas
- The Chairman of the Student's Union Committee on Overseas Students' Welfare
- Three other members nominated by the Students' Union

} ex officio

History of the School

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

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

Once the University of London had reorganised itself in 1900 and established a Faculty of Economics and Political Science, the School joined the University, its three-year course providing the basis of the new B.Sc. (Econ.) degree. Since the formality of its new position required the School to regularise its constitution, it was incorporated as a limited company not trading for profit, on 18 June 1901, with Sidney Webb as Chairman of the Governors. The Memorandum of Association (Section 3 vii) authorised the School to promote 'the study and advancement of Economics or Political Economy, Political Science or Political Philosophy, Statistics, Sociology, History, Geography, and any subject cognate to any of these'. And Article 28 of the Articles of Association stated that 'no religious, political, or economic test or qualification shall be made a condition for or disqualify from receiving any of the benefits of the Corporation, or holding any office therein; and no member of the Corporation, or professor, lecturer or other officer thereof, shall be under any disability or disadvantage by reason only of any opinions that he may hold or promulgate on any subject whatsoever'.

Numbers soon rose; and in 1902 the School was moved into its first purpose-built accommodation. The site was provided in Clare Market by the London County Council; the money for building was donated by Mr. Passmore Edwards and others. By 1913 the building was seriously overcrowded; and the School's subsequent history is a saga of rising numbers, constantly diversifying academic interests and, until lately, too little space. In 1921 the School was recognised by the University Faculty of Laws; in 1922 by the Faculty of Arts; in 1963 by the Faculty of Science. Research and teaching have expanded from small beginnings into the complex range of disciplines set forth later in this Calendar. In 1921 the journal *Economica* was founded; in 1934 *Politica*, which ceased publication during the war. The Library has also grown, until it is now, within its chosen fields, probably the finest collection in the world. And the School buildings, though they have not expanded in step with the needs implied by this growth have been added to and adapted so as to provide space for snack-bars and dining-rooms, homes for statistical machines, meeting-rooms for student gatherings, and modest facilities for physical recreation, in addition to more accommodation for conventional academic needs. In January 1970 the St. Clements Extension and the Clare Market Building were opened: the School's first purpose-built accommodation for forty years. Its

users benefit from improved standards and communications, but little was gained in terms of actual space as these buildings replaced others previously used by the School.

However, 1970 also brought the prospect of the largest building expansion at any one time since the School was founded, with the possibility of a sixty per cent increase in accommodation. The School entered into a contract to purchase Strand House, a five-storey building with some 158,000 square feet of floor space, on an adjacent site in Portugal Street. The building has been adapted to rehouse the British Library of Political and Economic Science in a way which enables scholars, both from the School and beyond, to have full access to the Library's two million items.

Following a successful appeal the School took possession of the building on 31 March 1976 and conversion work commenced in the late autumn of 1976. The building was renamed the Lionel Robbins Building in July 1978 and the Library opened to readers in its new home in October of that year. The hopes of many members of the School, nurtured over more than a decade, were thus realised.

Much of the accommodation released in the main building has now been converted for other purposes including the improvement of general amenities for students.

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

Report by the Director on the Work of the School during the Session 1979-80

The story of LSE in 1979-80 is one of success in the face of adversity. The year will be remembered for some time to come as one in which fundamental changes in government financing of universities forced LSE to take a series of drastic steps which would otherwise not have been taken, but which have had the desired effect of preserving the School as it is known. "LSE will not change its character in response to a new climate", I wrote in my last Report. LSE has not changed its character as an academic institution of the highest quality with a strong research and postgraduate element and a large number of overseas students. But change there was, certainly quantitative change in various respects, including an increase in "productivity", and also some adjustments at the boundary between the School and its environment. Much of the present Report will be concerned with why and how we did what had to be done. The LSE 1980s Fund can be seen in this new context, though its inception dates back several years. However, it is worth noting that academic developments at the School were not impaired by extraneous needs and forces. In this Report, I shall cite LSE research centres as an illustration of academic strength.

A New Regime of University Finance

My last Report showed how the expectation of a steady state of university finance came to be disappointed in 1979. After its first few weeks in office, the new government had made it clear that universities could not hope to be spared the consequences of a general reduction in public expenditure. We were told that the recurrent grant would decline, that neither wages and salaries nor student grants could be maintained in real terms, that there would be little money for capital expenditure, and that fees for overseas students would rise. In the event, most of these warnings turned out to be warranted, though one must suspect that they apply as much to the year 1980-81 as they did in 1979-80. The real shock, especially for LSE and a small number of similarly international institutions, came when government announced the introduction of a new system of financing, or rather not financing, overseas students. Beginning in 1980-81, overseas students would (so it was said) have to pay "the full cost of their education"; they would no longer be "subsidized" from public funds.

This is a strange and misleading way of putting things; but it provides a convenient starting point for telling a story which it is worth recording for more reasons than one. Overseas students in Britain have never been subsidized in any strict sense of the word, that is to say, they have never been given scholarships or studentships as home students receive them. The truth is, rather, that the recurrent grant for universities - for salaries, the maintenance of plant, and other purposes - benefited home and overseas students alike. There is no way of distinguishing between the time a lecturer spends on home students and on overseas students. But government made a simple calculation. It took the total expenditure of universities - say, £9 million in the case of LSE[†] -, divided it by the total number of students - say, 3,000 in the case of LSE -, and concluded that the actual cost of every student is the resulting average sum, that is, somewhere near £3,000 in the

[†]The figures given here are approximations used to explain the argument in simple terms. In fact, the total number of students (3,200 full-time) the number of overseas students (1,150) and the total income of LSE (£9.4 million excluding equipment and research grants) are rather higher. This explains why the average cost of a student was in fact somewhat lower than £3,000 at LSE (in 1979-80). There are also certain technical complications in government policy which are left out of consideration here, because they do not change the basic picture.

case of LSE. Government then multiplied this sum by the number of overseas students – say, about 1,000 in the case of LSE – and decided that all academic institutions would, over the years 1980–83, have their recurrent grant cut by the resulting sum. By 1983, they would have to find the portion of their total expenditure corresponding to this sum – say, some £3 million (in 1979 money) in the case of LSE – from sources other than the Exchequer or Local Authorities.

There is another way of putting this government decision. Over 35 per cent of all LSE students come from overseas. The new financial regime means that in future, the School will either have to find more than 35 per cent of its income from sources other than government, or else it will have to cut back its expenditure by this proportion (which would not only mean fewer staff, but also the destruction of the international character of LSE).

Government added one further point: new overseas students would have to be charged (in the social sciences) at least £2,000 beginning in 1980–81. The significance of this figure is two-fold. First £2,000 is an incredibly high fee by European standards, it is high by Canadian and Australian standards, and even by those of some American universities (especially if the cost of living in London is taken into account). But secondly, even if the number of overseas students remained constant, and every one of them paid £2,000, there would remain a gap between the cut of £3,000 and the income of £2,000 per student. The same number of overseas students would still mean an income shortfall not far short of £1 million, or 10 per cent of total income. Moreover, this gap could not be filled by home students; government made it clear that recurrent grant money would not be available for home students above 1978–79 numbers.

Even this brief account of the new regime of university finance leaves no doubt about the significance of the change. If one leaves the pressure on individuals on one side and concentrates on the problems of the institution, the order of magnitude of the resulting risk is astounding. Taking the period of 1980–83 as a whole and considering the risks as they look at its beginning, these are the conclusions: There will be hardly any money for capital expenditure. Recurrent grant money (even apart from the overseas student element) is likely to be cut in real terms, possibly by as much as five per cent or more. Home student grants will not keep pace with inflation. There are particularly drastic cuts of social science studentships for home postgraduates which, given the cost of postgraduate study, is likely to mean a reduction of income to the School. In addition, more than 35 per cent of our income is at risk through the new overseas student fee policy.

Of course, the term “at risk” overstates what will actually happen. Yet it is no exaggeration to say that little more than half our total income can now be regarded as “safe” in the sense in which it used to be a decade ago, that is, guaranteed by government. This clearly is a major change; and I am sure I need not ask for anyone’s indulgence if I follow the steps which the School has taken in response to this situation in some detail.

Protest and Argument

First of all, LSE did not accept the government decisions without making its case against them loud and clear. There are obvious aspects of this case which hardly need spelling out. One is that the notion of the “average cost” of students is as misleading as that of a “subsidy”. If all overseas students stayed away next year, staff and buildings would still have to be financed. Another point is that even the most costly private universities in the United States do not charge more than 60 per cent of average cost. But such technical points miss the more essential ones, of which three are particularly important.

The first and crucial point is that the attempt to price overseas students out of British universities will surely involve an enormous political price for minor financial savings. Even if £100 million could be saved by the decisions which I have

described (which is unlikely), it would mean that one of Britain’s most effective lifelines to the world would be cut. It is an effective lifeline; the history of LSE’s appeals in connection with the Library and with studentships provides but one of many illustrations. It is a sad reflection on the protectionist and isolationist spirit of the times that the British Council, the BBC external services and overseas students were among the first victims of cuts – but do governments have to follow the spirit of the times?

The second point is one which one makes with hesitation, but which nevertheless has to be made: the new policy is indiscriminate. If government is concerned about the doubling of overseas students numbers in the last decade, it would do well to have a closer look. At LSE – as in most other university institutions – numbers have not grown. Clearly, distinctions between universities and other institutions of tertiary education are odious – but are they so odious that the strong have to be hit along with the weak?

The third point is similar in that it also has to do with strength and weakness. If finance is the criterion of access to higher education, there is a great danger that many of those who would like to, and would be able to come to British universities will stay away, whereas others who happen to have more money than need or qualification will come. One must not be romantic; poor students from poor countries would not be able to come in any case. But how about poor students from rich countries? And how about the inevitable reduction of studentships by governments and other institutions in developing countries? Beyond that, this Report will show that the new financial regime has forced us to put academic considerations second in some respects. This will not lead to the destruction of LSE. But the temptation must be great for some to forget academic considerations altogether. In the end, the resulting deterioration of tertiary education in Britain – still among the very best in the world – would harm home as well as overseas students, and the country as a whole.

There are other arguments. I have criticized the unfairness of fee increases for students already on course in earlier Reports. Perhaps the most serious consequence of the change introduced by government is that there are bound to be irreversible shifts in the orientation of young people. Already, there are signs that parents in Malaysia, Singapore and Hong Kong are making arrangements for their children to go to Australian or American universities. These arguments and others were put forward by members of the School on numerous occasions during the past academic year. There were press conferences and press releases, letters to editors, speeches at conferences, motions at meetings of committees. Members of the School raised the issue in the House of Lords. While it would be wrong to claim that everybody at LSE felt equally strongly about the new condition, there was a widespread sense of outrage.

This found its most visible expression on 21 and 27 November 1979. On the first of these dates, a group of students and staff led by me saw members of Parliament about the issue of overseas students fees and the consequences for university finance. The “lobby” of Parliament had been made possible by Mr. Antony Kershaw MP, the chairman of the Foreign Affairs Sub Committee on Overseas Development. Mr. Neil Kinnock MP, Shadow Education Secretary was also present. MPs made the point that there were other problems which they had to consider, and that our worries had to be seen in context, but they also showed considerable understanding. On 27 November, a crowded meeting of members of the School at Central Hall, Westminster, listened to reports about discussions with MPs and re-affirmed the concern of LSE about the new policy. Have such public demonstrations of views made any difference? This is never easy to tell, though it would seem that to the extent to which there were arguments rather than mere chants of slogans, reasoning discussions rather than mere demonstrations, there was also some impact.

Two Select Committees of Parliament have since supported the view that the government measures were likely to have disproportionately harmful effects: the Foreign Affairs Committee and the Education, Science and Arts Committee. While the Secretary of State for Education has rejected their views – and those by Commonwealth Ministers of Education at their conference in Colombo in August 1980 – one must assume that reasoned argument has some impact.

Two minor adjustments of government policy were made. First, government thought it politic to exclude EEC students from the new fee regime. This means that in future EEC students are regarded as home students, at any rate as long as their number does not exceed that of 1978–79 (and, strangely, with the exception of Greece for 1980–81). Secondly, a fund of £1 million was set up to support research students from overseas. This fund was administered by the Committee of Vice-Chancellors and Principals. In the social sciences (including law), 90 studentships were made available from this Fund for the 46 universities of the country: LSE students managed to get 33 of them.

Keeping Our House in Order

Public protest was necessary, and it may have had some effect. However, it soon became apparent that there would not be a change of heart by government. In any case, protest can never be a substitute for keeping one's house in order, however difficult that may be. Last year, it was difficult. Major changes had to be introduced quickly, and yet they could not be introduced without the preparedness of all to co-operate. If in the end the School has done fairly well, this is due as much to the speed and timeliness of the operation as it is to the readiness of staff and students, School committees and trade unions, indeed of virtually all members of the School, to accept the changes. This was by no means a matter of course, and the Director for one is deeply grateful to all those who helped.

In November 1979, the School accepted as a basis for future action, the guidelines of a paper of mine entitled "LSE: First Steps in a New Situation". This paper begins with statements of fact. LSE has maintained its standards in difficult times. It has been able to expand its research facilities. Retrenchment after 1974 has not led to stagnation. However, now there is a new situation. Once again, we must not face it in a despondent spirit. Our approach must be two-pronged; it requires savings on the one hand, but innovation on the other. "The basic character of the School will have to be maintained. We shall seek a positive and innovative rather than a contractionary and negative approach. We shall avoid, as far as possible, across-the-board measures and instead encourage initiatives by all groups. We shall be guided by a picture of LSE in which size is related sensibly to the exigencies of scholarship in the social sciences, demand by students of adequate quality, and financial constraints".

The paper then goes on to consider the two prongs of necessary action. On the one hand, it was once again necessary to reduce expenditure. At least another £300,000 had to be – and was – saved during the academic year. This painful need made it necessary to re-state the three principles to which LSE has adhered throughout these difficult times: no redundancies on account of the savings; a fair sharing of the burden by all groups; continued promotions on merit. Nevertheless, the consequences of the savings are serious. Demands on staff have grown. Above all, we are beginning to reach the point at which savings on expenditure for the maintenance of buildings and plant may well mean much greater expenditure in the foreseeable future. This is just one of many illustrations of the obvious point that many savings are in fact more costly than well-monitored expenditure at the right time.

The most important section of the November 1979 paper had to do with "maintaining (and if possible increasing) income". The central point of this unlikely objective was that in view of high fees for overseas students and the gap between

cuts and fee income, it was necessary to try and attract not just the same number, but more overseas students than in the past. In fact, some 400 additional students would have to be found if we wanted to be sure to balance our budget in 1980–81. In the paper, I suggested that these should be sought in equal numbers on the undergraduate and the postgraduate side. In addition, part-time fees would have to be raised, special courses developed, self-financing courses would require special emphasis, and the 1980s Fund (about which more below) must be promoted with even greater intensity.

At the time, the idea of adding 400 additional overseas students to the 1,150 already at the School, seemed an almost foolhardy target. Would it not be all but impossible to keep present numbers at twice the fees of 1979–80 (and eight times those of ten years ago)? Since this is written shortly after the beginning of the new session, I can state that the policy devised in November 1979 has on the whole been successful. In 1980–81, there are in fact more than 3,600 full-time students at the School, and they include over 320 additional full fee-paying overseas students. This would not have been possible, had it not been for a series of measures, many of which were invented, and above all carried through by the Pro-Director, Professor Alan Day:

LSE, having been too proud to do so in the past, advertised itself. We not only sent posters and other material to many universities all over the world, but members of staff went to North America and South East Asia, to Continental Europe and Oceania to talk to students and university teachers about opportunities at LSE. Clearly, a considerable number of overseas students were persuaded to come in this way.

A special effort was made to attract more General Course Students. This one-year undergraduate "course" has been supervised for many years by Mr. Jim Potter in a highly effective manner. Originally intended for US students in their "junior year", it has since attracted interest in other countries. Due to the efforts of Mr. Potter and others, the number of General Course students has doubled in 1980–81, and is now close to 200.

A number of new Diplomas were introduced in order to attract students who would not wish to have, or be qualified to receive, a Master's Degree, but would benefit from postgraduate training. The new Diploma in Business Studies has attracted 31 students in the first year; those in Accounting, Economics, and International Relations have proved similarly successful.

Arrangements were made with the American organization, Beaver College, to offer students a "general course" term at LSE. We can expect some 30 "Beaver College" students each term.

The list of actions taken to reach the target of breaking even in 1980–81 could be extended. A detailed analysis of the success of these actions will have to await my next Report. However, even now a number of conclusions are possible. The first is that LSE, by acting early and decisively, is by contrast to most other universities of the country, likely to get through the academic year 1980–81 without any major financial shortfall. The second point is that this is no more than a breathing space; evidently, solving the problem of finance is not going to be a positive-sum game in future. And thirdly, it must be stated in no uncertain terms that none of the decisions we took were taken for academic reasons. A new financial regime has forced us to do things which we should otherwise not have done. We have protected the quality of our degrees, but the expense was great, whether in terms of staff time, or the cost of academic change such as the introduction of diplomas or the effort involved in advertising. Thus, this is in many ways an interim report on what happened, and not an account of long-term solutions.

In fact, my paper of November 1979 on the "First Steps" did include some notes on the longer term. The wish for an early return to at least a steady state was no doubt more pious than realistic. More relevant are the hints at new ways of earning money, including diplomas, special courses and self-financing courses. The question of whether there are too many options in present degrees was also raised. Again, it is a pleasure to be able to report that many Departments have in fact begun discussions about such innovations. However, the final paragraph of the paper which I have used as a guide through this section of my Report, remains as relevant today as it was a year ago:

"This paper has deliberately avoided polemics and sentimentality. We have not invented the Government's measures nor do we like them. Indeed, some of them are clearly ill-considered and are bound to harm centres of excellence and

internationality more than others. Our protest has been voiced in the appropriate quarters. But there should be no doubt in anyone's mind about one fact: whatever adjustments may be made to some of the more nonsensical aspects of current policy, its underlying principles will not change, whoever is in Government. This means that measures along the lines indicated in this paper will have to be taken. They will be painful for all concerned. Students will find it even harder to finance their studies. Lectures and classes will be larger. Staff will have to work more. The staff-student ratio will deteriorate. Less support staff will be available for many purposes. Desirable improvements in the physical environment of the School will be impossible. But the School will continue to be an academic institution which offers a first-class education to both undergraduates and postgraduates, and one in which research has a central place. Thus, our future need not be bleak, if an effort is made by everybody to concentrate on what is essential for this great institution which is loved by so many and admired all over the world."

The Student Condition

In a Director's Report, the temptation is great to make much of the predicament of the institution – the School – and say little about that of its individual members. In fact, every group at the School would deserve a special section. Academic staff have taken dramatic decisions with remarkable understanding. Administrative staff have felt the new burden, but accepted it with grace. Library staff have shown great enthusiasm about the new Library, notably after its initial problems had been resolved. Trade unions have taken an exceedingly difficult period for their members with a loyalty to the School for which I am deeply grateful. It would be nice to think that their co-operation was at least in part due to the readiness of the administration of the School to negotiate changes and keep lines of communication open. So far as students are concerned, the absence of protest is probably a form of co-operation. In any case, there can be little doubt that the changes discussed in this Report have serious effects for students. Three points deserve special mention.

The first point is that students these days are poor. This is true for home students, whose grants have not kept pace with inflation. It is particularly true for home postgraduates, few of whom receive grants, though they are without doubt a crucial resource for future innovation and progress. Overseas students are in the most difficult situation of all. The estimate (by the London Student Conference) that the cost of living for an academic year in London is £2,500 is probably on the low side; in any case, this cost is rising steadily. Beginning in 1980–81, this means that an overseas student needs about £5,000 a year – a full lecturer's salary after deductions! It is easy to understand under these circumstances that the proportion of each age group which goes on to university education is declining. However, the alternatives for most are not very enticing either. There are many young people who do not find jobs, let alone jobs which they want. This strange transition from a position of privilege to one of deprivation should be kept in mind by those who criticize student manners and actions.

The second point has to do with accommodation, which of course makes up a great proportion of the annual cost of student life. LSE is fortunate in having two halls of residence given to us by the Anonymous Donor who did so much to help British students in London. In addition, we have Passfield Hall which was expanded considerably during the past year and now houses 207 students under much improved conditions. In all 767 LSE students now live in our halls of residence or flats. Rents in these halls and flats are proposed by the Inter-Halls Committee on which students and hall wardens are represented. They are low by comparison to private accommodation, although they had to rise by a higher percentage than student grants. During the last year, the School has been negotiating a lease for a new hall in Tottenham Court Road – Grafton Hotel –, which we hope will be available at the beginning of the academic year 1981–82. It

would add another 190 places and be available to all students. This extension is particularly welcome at a time at which it looks as if student numbers will continue to be higher than in the past.

A third point is important in this connection also. Since the move of the Library to the Lionel Robbins Building, there was not much cause for reporting about this subject. However, it is worth remembering that the Library vacated space in the Old Building and the East Wing and thereby made major improvements for academic departments possible. These improvements had to be realized with limited sums of money; though we have once again reason to be grateful to the University and to the University Grants Committee for their support. At the end of the academic year 1979–80, the Departments of Social Science and Administration and of International Relations have moved to what used to be Library space. The Department of International History has moved to space vacated by them. The Students' Union is now located in the East Wing and has better accommodation than at any time in its history. Without this "expansion within", it would not have been possible to accommodate an additional 400 students. Even so, this remains difficult, especially since the conversion of the St. Clement's Building will not be completed for at least a year.

Thus, conditions for students at LSE are fraught with problems, yet not as bad as those of many. So far as the contribution of the School is concerned, they have improved considerably in the last few years. One would hope that this will continue to be the case.

The LSE 1980s Fund Launched

At a press conference held at the Lionel Robbins Building on 7 May 1980, the LSE 1980s Fund was formally launched. The press obviously noted the connection between the new financial regime, the student condition, and our desire to find £2 million in the 1980s in order to enable one thousand students to come or to stay and complete their courses at LSE. Press comments in this country and abroad made as much of the general condition of the School (New York Times: "Economics School in Economic Pinch") as they did of the specific reason for the press conference (The Economist: "LSE Wants Gifts"). They all reported, however, that as one of the means for helping itself through a difficult period the School had launched an appeal for studentships. This appeal was directed to all friends of LSE, and intended to help any student who could not otherwise come or stay. It is an appeal for support for home as well as overseas students, undergraduates as well as postgraduates.

The name of the LSE 1980s Fund means what it says: it is a fund to be raised and spent in the 1980s, not an endowment. It is not just to relieve hardship; the money will go to well-qualified students. It will include full studentships as well as relatively small sums to help those who need them. (Quite often, a shortfall of £1,000, or even £500 is the reason why a student cannot come, or has to leave.) The target of £2 million during the decade implies that by 1990, at least one thousand students should have been helped.

We thought it right to begin this particular appeal at home, that is to say, among members of the Senior Common Room of the School. In fact, this turned out to be an unqualified success, and more, a remarkable sign of loyalty on the part of the academic staff of the School. Members of the Common Room alone have donated no less than £60,000 to the 1980s Fund; those who have given, have contributed more than £500 on average. Even apart from the importance of this sum of money, and of the story it tells about LSE, there is no better way of demonstrating to outsiders the need of the Fund than by telling this story.

When I said that we began at home, this was not strictly true. The first donation to the 1980s Fund was by Professor James Meade, Honorary Fellow and former

teacher at the School, who gave £10,000 of his Nobel Prize money and thereby set the Fund going. Since then, Professor von Hayek, also an Honorary Fellow and former teacher of the School, has added the same sum from his Nobel Prize. (Sir John Hicks had already donated his to the Library Appeal.) Governors and Honorary Fellows of the School have so far donated £80,000. Distinguished alumni all over the world have either helped directly, or by lending their name to the campaign.

Once again, we have been fortunate in receiving much support from our alumnus groups. The LSE Society has produced remarkable results from its members. The American Friends of LSE have rallied in splendid fashion, as have the Canadian Friends and groups in Australia, India, Italy, Mauritius, Nigeria, New Zealand, Spain, Venezuela, and elsewhere. Dr. Anne Bohm has continued her travels on behalf of the School to many countries of the world. In the process, she has not only assisted in the setting-up of new groups of friends of LSE, but she has also persuaded individuals and institutions to give generously to the Fund. The Chairman of the Court, Sir Huw Wheldon, has made the Fund his special concern and has helped in a variety of ways.

Such stories could be continued for some time. Perhaps the most impressive way of summarizing them is to say that before the end of the first year of the 1980s, we have in fact more than £800,000 in the 1980s Fund. More than 40% of the money after less than 10% of the time – that is not a bad beginning. We have even given away the first studentships and awards (to 96 students by 1980–81). Yet this is only a beginning. One part of the new condition of LSE is that we are out in the market not only for fees and other sources of income, but also for attracting students of quality, whether they can afford to come or not. In the end, the quality of LSE will be maintained only if we can make sure that the ability to pay a high fee is not the main qualification for coming. In this connection, the LSE 1980s Fund has now become a central concern for the School.

Research at LSE

Universities are about teaching and research, and the two are indissolubly linked. This is not to say, of course, that every member of a university has to, or indeed could, do both at the same time; but it is to say that academic institutions have to house both and bring them into a relationship of mutual inspiration. Teaching is the lifeblood of universities, and research is the source of innovation; if one or the other declines, institutions decline at the same time. In Britain at least, there is still no question of teaching losing its central place; in this respect as in others, British universities have an edge over those on the European Continent where teaching has first turned into mass lecturing of 2,000, 3,000 and more students at a time, and then into a total chaos in which students never find their bearings and teachers withdraw to their studies. On the other hand, the place of research in British universities has never been central, nor even secure. The Rothschild revolution of research organization in the early 1970s has not helped such insecurity, though Lord Rothschild accepted the need for the financing of fundamental research when he argued that the major portion of research money should be distributed by government on government-determined priorities. Since then, cuts in public expenditure have made things even more difficult. There is a real danger that under the circumstances described in this Report, universities in Britain will become teaching machines which lack the innovative impulses and the critical context of research.

Once again, LSE has tried, and so far tried successfully, to cope with a danger which is clear and present. Research is, to be sure, not the same as research centres. Most research at LSE is carried on without much noise or organizational machinery, by individuals and groups, within departments and across departmental

boundaries. Also, members of the School staff are involved in projects organized by outside agencies. If I single out three of our research units here, the reason is twofold. On the one hand, these units, all of which are recent in origin, document the liveliness of the School in research as well as teaching. On the other hand, the three units typify three different ways of financing research, with the Social Science Research Council in an important, but not an exclusive position.

There is first of all the International Centre for Economics and Related Disciplines (ICERD). It is easily the largest research unit at the School; indeed it is, so to say, a multiple unit. Now that the last instalment of the extremely generous gift by Suntory Ltd. and Toyota Motor Co., Ltd. has been received, the market value of the capital of ICERD amounts to more than £2.5 million. Professor Michio Morishima, to whom we owe so much in this connection, has taken charge of the Steering Committee. Until now, the committee has accepted four major research projects: Professor Morishima himself works on problems of international trade. Professor David Hendry is concerned with balance of payments questions in an international perspective. Professor Keith Thurley conducts research into industrial relations strategies in Japan and Britain. Professor Ian Nish studies the expansion and role of the West in Asia. In addition to these projects, ICERD has begun widely appreciated seminars. It assembles in its quarters on the top floor of the Lionel Robbins Building a distinguished group of academic visitors in many subjects. It has begun a series of "LSE Suntory-Toyota-Lectures". Thus, ICERD adds to the life of the School in a variety of ways. There is every reason to believe that it will be a source of inspiration and innovation to the institution as a whole as to its individual members.

The other privately financed research unit is the Business History Unit which LSE shares with Imperial College. It too is located on what might now be called the research floor of the Lionel Robbins building. An appeal for funds has generated sufficient money to provide a basis for this Unit. The School is very pleased to have been able to attract Dr. Leslie Hannah as Director of the Unit. More recently, the Unit has received £142,000 from the SSRC in order to start a Dictionary of Business Biography, an ambitious undertaking which should provide a most useful source of information for many years to come. Already as its first Newsletter shows, the Business History Unit has become a centre of information on the subject, the like of which one will probably not find again on this side of the Atlantic.

Another source of finance not only of projects in business history is of course the SSRC. Several remarks in this Report indicate that the SSRC too has problems. However, these remarks must not be misunderstood. It is still one of the major sources of finance for social science research. The grant given to Professors Denis Sargan and David Hendry for research in econometrics alone amounts to £185,000. More recently, Professors Richard Layard and Stephen Nickell have managed to attract to the School one of five so-called "designated research centres" of the SSRC, the Centre for Labour Economics. Professors Layard and Nickell had of course been working in this field for some time. Their work on the political economy and the economic theory of employment (and therefore unemployment) is both distinguished and topical. It will now be carried out on an even larger scale, with guaranteed finance for four years, with the probability of an extension for another four years. Other grants notified by the SSRC in the year amounted to £356,000.

These are, to be sure, examples. The Research Committee of the School, under the chairmanship of Professor Donald MacRae, monitors these developments. Appointments to research projects are made in conjunction with School committees. While the research centres and units are separately financed, they are integrated into the life of the School in a variety of ways. There can thus be no question of the usefulness of research for teaching, and one hopes, teaching for

research. The School is grateful to its individual and institutional donors of research funds. It is now certain that at LSE teaching and research will continue to be combined in what may well be an exemplary manner.

Events of the Session

One of the consequences of an extended period of financial retrenchment could be a stagnant staff, with few people leaving, and few new ones coming in. For a variety of reasons, most departments at LSE have so far been spared this fate. In 1979-80, 43 new members of staff began their work at LSE; at the end of the session, a further 43 had been appointed. Most of them are lecturers - some temporary lecturers - who will hope to make their way in the academic social sciences. There are of course also new members of research staff.

The other side of the picture is that several members of the School staff retired at the end of the session. Among them were Professor Harold Edey, Professor of Accounting, a member of the staff of the School since 1949 and the School's first Pro-Director; Professor Ragnhild Hatton, Professor of International History, and also a member of the staff since 1949; Dr. Stephen Morris, Reader in Anthropology and member of the staff since 1956; Mrs. Betty Scharf, Senior Lecturer in Sociology, member of staff since 1944 and in recent years Academic Member of the Court of Governors; Mrs Betty Tate, Lecturer in Social Administration since 1966; Mr. Len Kearey, Head Porter, who had been at the School since 1935, interrupted only by his service during the war in the Merchant Navy.

Professor George Akerlof, Cassel Professor of Economics with special reference to Money and Banking, and Professor Ian Brownlie, Professor of International Law, resigned from the School. Professor Akerlof returned to Berkeley, whereas Professor Brownlie took up the Chichele Chair of Public International Law at the University of Oxford. Professor Rosalyn Higgins was appointed to the Chair of International Law, beginning in October 1981.

The title of professor was conferred on Dr. Charlotte Erickson, Mr. Lucian P. Foldes, Dr. Ailsa Land and Mr. Stephen J. Nickell.

The School lost three of its Honorary Fellows during the session: the Rt. Hon. George Woodcock in October 1979, Dame Margaret Cole in May 1980, and Professor W. A. Robson who died on 12 May 1980. Professor Robson was Professor Emeritus of Public Administration, and his long association with the School began as a student in 1919 and lasted until his death. A Memorial Meeting was held in the Founders' Room on 24 June.

Sir Alan Hitchman, a member of the Court of Governors, died on 2 July 1980. Mr. Norman Carrier, Reader in Demography and Honorary Secretary of the Population Investigation Committee, died in December 1979.

The Honorary Fellows' Dinner was held at the School on 6 May. Ten new Honorary Fellows were created: Professor W. T. Baxter, Miss Sibyl Clement-Brown, Dr. A. F. Earle, Professor F. J. Fisher, Mr. J. Garcia-Parra, Dr. W. Guth, Sir Yuet-Keung Kan, Professor N. MacKenzie, Sir Alastair Pilkington and The Baroness Seear.

RALF DAHRENDORF
September 1980

Academic Awards

Scholarships and Studentships Awarded in 1980

(a) Awarded by the School

ENTRANCE SCHOLARSHIPS

Delia Ashworth Scholarship
Joseph Tafirenyika Jabangwe

Christie Exhibition
Bridget Lillian May Penhale

UNDERGRADUATE AWARDS

Institute of Chartered Secretaries and Administrators' Scholarship
Manoj Juneja

Lilian Knowles Scholarship
Not awarded

Harold Laski Scholarship
Maurice Fraser

C.S. Mactaggart Scholarships
Martin William Cripps
Markos Evagoras Drakos
Nigel John Knight
Haydn Colin Shaughnessy
John Nigel Waites

Undergraduate Scholarships
Maira Fraser Bovill
Colin Mills
Mary Eleanor Percival

AWARDS OPEN TO UNDERGRADUATES AND GRADUATES

S.H. Bailey Scholarship in International Studies
Not offered for award

School Scholarship in International Law
Rosemarie Williams

GRADUATE AWARDS

Acworth Scholarship
Not awarded

Montague Burton Studentships in International Relations
Richard Terence O'Fee

Morris Finer Memorial Studentship
Not offered for award

71 Academic Awards

Graduate Studentships

John Steven Ambler
Peter Gose
Peter Maitland Milne

Hutchins Studentship for Women
Not offered for award

Rees Jeffreys Studentship in Transport
Not awarded

Jackson Lewis Scholarship
Not offered for award

Rosebery Studentship
Not offered for award

THE LSE 1980S FUND

The LSE 1980s Undergraduate Scholarship
Yuen Kiow Yip Hoi Yen

The LSE 1980s Fund Graduate Studentship
Ramakrishna Sithanen

The Third World Foundation Undergraduate Scholarship
Annie Ngar Nay Yung

Third World Research Award
Frederick Naamani

ICERD Grant I
Marta Bonn
John Ernest Barrett
Lawrence Sinclair Hagen
Clafur Thordur Hardarson
Susan Charlotte Hough
Geoffrey Yeoh Seng Huat
Jane Teofila Kleiner
John Lingner
Julie Lai Sin Mak
Janet Elizabeth Miller
Paikiasothy Saravanamuttu
Gunter Schafer
Daniel Jonathan Seidmann
Diana Alicia Tussie

ICERD Grant II
Agathangelos Christodoulides
George Takis Christodoulides
Pami Gugnani
Vassilis Argyrou Hajivassiliou
Seyed Hossein Samiei
Ie Thay Tan
Siew Hong Teoh

Special Grant for Woman Student
Helen Joy Lawson Sharrock

Suntory-Toyota Studentships
Maria de Rosario Pilar Areizaga Aguirre
Alok Bhargava
Wolf Dietrich Reitsperger

Ciba-Geigy Scholarships
Thomas Beat Cueni
Martin Robert Maurer

Rank Xerox Studentships
Toby James Hartwell
David Anthony Lapish
Krzysztof Czeslaw Matyszczyk

Lauchlin Currie Studentship
Eduardo Antonio Lora Torres

Noel Buxton Studentship
Austin Mutandwa Chakaodza

William J. Baumol Studentship
Richard Edward Baldwin

Sir W. Arthur Lewis Studentship
Clare Tully Monahan

David Moynihan Studentship
Siew Hong Teoh

Harry G. Johnson Studentship
Kevin Dale Swanson

Abba P. Lerner Studentship
Rosamund Saltonstall Lee

Edward Shils Studentship
John Patrick Hogan

Barclay Studentship
Felipe Sanchez

(b) Awarded by the University

University Postgraduate Studentships
Young Young Chan
Nilesh Chandra Muljibhai Dattani
Gabor Nyerges

Sir Edward Stern Scholarship
Young Young Chan
Sushil Baldev Wadhvani

Gerstenberg Studentship
Seyed Hossein Samiei

Loch Exhibitions
Patricia Anne McCartney
Mary Louise Miller

Metcalf Studentship
Luisa Franzini

Metcalf Scholarship
Lynda Sharon Rosen } Joint
Deborah Tyler } award

(c) Other Studentships

Eileen Power Memorial Studentship
Fern Hamlin

Kennedy Scholarship
Ali Michael Mansoor

Prizes Awarded in 1980

(a) Awarded by the School

Arthur Andersen Prizes in Accounting
Nigel John Knight
Manoj Juneja

Bassett Memorial Prizes
(i) Government
Alistair Mark Cole

(ii) Trade Union Studies
Edward Bruce

Janet Beveridge Awards
Joseph Shenjere Mutizwa
Graham John Ball

Bowley Prize
Not offered for award

Deloitte Haskins + Sells Prizes
Jeremy Samuel Jacobs
Chander Kohli } Joint
Mohan Kohli } award

Ely Devons Prizes
Labrador Rafael Repullo } Joint
Dilip Mookherjee } award
Robin Hugh Aaronson }

William Farr Prize
Lesley Ginette Steinitz

Morris Finer Memorial Prize in Law
Kathryn Jane Skoyles } Joint
Nicholas David George Brown } award

Firth Award
Robert Denis Dodd

Maurice Freedman Prize
Sylvia Chew

Gladstone Memorial Prize
Not yet awarded

Gonner Prize
Sushil Baldev Wadhvani

Gourgey Essay Prize
Barbara Jane Freeman

Hobhouse Memorial Prize
Shealla Vuyelwa Mubi

Jesse Mair Cup for Music
Not awarded

Mostyn Lloyd Prize
Clive Playford

George and Hilda Ormsby Prizes
(i) Undergraduate (two prizes)
(1) Marc Anton Joseph Espinet } Joint
Jonathan Simon Mindell } award
(2) Trevor Clifford Williams

(ii) Graduate
Mathew Cobbett

Hughes Parry Prize
Mohamed Ibrahim

Peats Prizes
Swee Wah Mak
Deborah Tyler

Premchand Prize
Not awarded

Raynes Undergraduate Prize
Sushil Baldev Wadhvani

Allyn Young Prize
Nicos Kyriakedes

(b) Awarded by Outside Bodies

Maxwell Law Prize
Alison Mary Real

First Degrees Awarded 1980

B.Sc. (Economics) Final Examination

Honours

FIRST CLASS
David Gilchrist Barr
Peter Ian Brealey
Chan Young Young

Alistair Mark Cole
Mark William Duke
Vassilis Argyrou Hajivassiliou
Jeremy Samuel Jacobs
Rakesh Kapila
Amir Hossein Khabireh
Elizabeth Koh Lee Eng
Chander Kohli
Mohan Kohli
Clement King Man Kwok
Leong Kwok Nyem
Pauline Anne Lightfoot
Seyed Hossein Samiei
Kishorilal Shah
Clive Jonathan Shaw
Lesley Ginette Steinitz
Aristos Anastassiou Stylianou
Sailesh Kumar Tanna
Teoh Siew Hong
Caroline Ann Thomas
Sushil Baldev Wadhvani
Geoffrey Yeoh Seng Huat

SECOND CLASS

(Upper Division)

Shaghil Ahmed
Raymond John Attrill
Peter Aldis
Richard Charles Anderson
John David Archard
Trevor Keith Astell
Frans Cornelis Antonius Petrus Baert
James Richard Bagshawe
Graeme Donald Barbour
Mazhar Ahmed Batla
Frederick Steven Bennett
Robert Billett
David John Bird
Rajiv Biswas
Tony Muljadi Boedihardjo
Enrico Luca Maria Bonatti
Gregory John Branch
Siobhan Elizabeth Breen
Michael John Brice
Alison Burrows
Sarah Burton
Ian Bernt Campbell
Gillian Greta Cant
Elizabeth Ann Carrington
Chan Sai Biu
Mark Warwick Chapman
Peter Cosmidis
Brian William Curran
John Nicholas Dahlgreen
David Frank Darton
Pradip Dasani
Paul Lawrence Deakin
John Robert Albert De Bono
Deoraj Deenanath
Mark Edward Denning

Ellen Sandra Ehrlich
 Michael John Elia
 Guy Elliott
 Robert Frederick Elms
 Robert James Evans
 Timothy Neil Exall
 Eenasul Fateh
 Alison Elizabeth Foster
 Gillian Gibbons
 Robert Michael Goold
 Simon Daniel Gribbin
 Sally Jane Griffiths
 Solly Saleh Gubbay
 John Haines
 John Charles Maurice Harford
 Paul Kenney Harris
 Iain Patrick Hill
 Christian Hinrich Hodeige
 Paul Joseph Hodges
 David Wei Yen Hoe
 Mehran Hojati-Koovezani
 Michael James Howarth
 Vasif Tamjeed Imtiaz
 Ann Marie Iveson
 James Dominic Johnson
 Timothy Michael Jones
 Simon David Kaufman
 Ali Mahmoud Khadr
 Jan Michal Kidacki
 Mary Jane Kitching
 Fiona Julia Knight
 Constantinos Krashias
 Lalita Govind Lalvani
 Philippe Than Fah Lam Shin Saw
 Edward Michael Lee
 David Michael Lesser
 John Richard Lewis
 Stephen David Lewis
 Danny Kay Hian Lim
 Michael William Longthorne
 Krishendath Maharaj
 Mah Siew Hoe
 Paul Maitland
 Pisan Manawapat
 Philip Steven Mason
 Bahram Mavahebi Tabatabai
 Eliana Andrea Michaelidou
 Robert George Middleton
 Pravin Gulbrai Mirchandani
 Julie Christine Mitchell
 Julia Mary Morland
 David Frederick Newman
 Philip Niem
 David Roger North
 Nora Marie Laura O'Leary
 Remo Clifford Oliver
 Georgios Panayides
 Timothy Man Tat Pang
 Charles Lionel Pascoe
 Nicholas Pascoe
 Jaya Parmanand Patel

Clive Roger Pearman
 Sergio Simone Antonio Francis
 Pellegrinelli
 Victor Spencer Peters
 Pamela Jane Philby
 Vijay Popat
 Georghios Kyprou Psimolophites
 Faramarz Radfar
 Stephen Rawlins
 Julia Caroline Redburn
 Sandra Frances Rigby
 Manuel Rios Izquierdo
 Simon Meredith Robbins
 Patrick Alexander Robey
 Ereni Costa Rouvitha
 Jorge Manuel Valente Santos Silva
 Ingrid Schmollmann
 Kaushik Shah
 Kiran Kumar Shah
 Mailesh Gulabchand Shah
 Sanjiv Shah
 Elan Shasha
 Deborah Pamela Short
 Bedi Ajay Singh
 Frederic Gaston Sipiery
 Guy Michael Stille
 John Paul Sweeney
 Tan Song Ping
 David Christopher Tate
 Alberto Amadio Tazartes
 Theodosios Ioannis Theodosiou
 Edward Joseph Walker
 Paul Neil Walker
 Lorelei Ann Watson
 Timothy George Wheeler
 Hedley John Williams
 Stephen John Wise
 Ian Robert Woodcock
 Hilary Jane Wright
 Yaw Yin Chong
 George Robb Yeandle

SECOND CLASS

(Lower Division)

Fazil Abdulla Abul
 William James Ackers
 Amyn Zaherally Ahamed
 Paul Clement Bernard Ainsworth
 Georg Jakob Allemann
 Spencer Jonathan Allenstein
 Efpraxoulla Costas Spyrou Antoniadis
 Jill Eva Arnold
 Michael Stefan Noel Badeni
 Srella Banerjee
 Jeremy Richard Nevill Barbour
 Stephen Ronald Bates
 Jayne Barbara Bayley
 Vivina Maria Berla
 Adrian Bernard Berman
 Christopher Charles Birt

Peter Alun Boak
 Howard Gordon Boost
 Paul Boulton
 Michael John Boyle
 Peter David Burbidge
 Amanda Jane Burrell
 Adrian Maelmire Byrne
 Roger Peter Byrom
 John Barron Campbell
 Nicholas Coe
 Deborah Barbara Cohen
 Simon Anthony Cole
 John Joseph Crilly
 Elizabeth Magdelene Crosbie
 Geoffrey John Delamere
 Nicholas John Diss
 Shelia Sutherland Donn
 David Stuart Arthur Eaton
 Ahron Ebert
 Warren Elf
 Duccio Luca Luigi Ermenegildo
 Christopher John Robert Faulkner
 Terence Henry Faulkner
 Tijani Babatunde Folawiyo
 Jacob Ndumbe Fonderson
 Lillian Kay Forrester
 Clive Phillipson Gallier
 Thomas John Gateley
 John Glennon
 Simon William Glover
 Neil Christopher Golding
 Paul Elliot Michael Graber
 Marek Antoni Kazimierz Grey
 Harry Hajipapas
 Guy Charles Halifax
 Robert Edward Hampson
 Nina Lind Hansen
 Phebe Elizabeth Harman
 Neil Andrew Harris
 Clive John Hayton
 Richard Stephen Hicks
 Michael Hilborne-Clarke
 Alison Kay Hirst
 Kun-Lok Ho
 Geoffrey Ho Wing Keong
 Nigel Hopkins
 Anthony Rudland Alfred Howard
 Julian Andrew Ingram
 Wai Lun William Ip
 Alison Denise James
 Jeremy Michael Jorgen Malherbe
 Jensen
 Viraj Jethwa
 Georgina Ann Jones
 Stephen Alan Jones
 Maria Kasapi
 Rizwan Bashir Khan
 Richard Anthony Kimbley
 Matthew Giles Kirby
 Timothy John Kowalski
 Lau Hok Bun

Sian Elaine Layzell
 Gloria Pearl Lazenby
 Liao Lian
 Lim Kei Hin
 Kurt Leo Little
 Francesco Loredan
 Aidan Laurance Niall Maccabe
 Mahesh Pritam Mahtani
 Barbara Malcolmson
 Nishith Malde
 Vikram Malhotra
 Patricia Jane Marriott
 David John Mason
 Steven John Mason
 Matheos Chrysiliou Mavrommatis
 John Marshall Maxey
 Paris Andrea Menelauou
 Rasik Uttambhai Mistry
 Patrick Crawford Moon
 Virginia Morck
 Clive Morgan
 Andrew Morris
 Derek James David Morris
 Patrick Charles Isidor Mosimann
 Seran Efruz Muduroglu
 Toby Phillip Benedict Joseph Odone
 Adeniran Olatokunbo Ogunmuyiwa
 Ong Wei Shie
 Kevin John O'Shaughnessy
 Jaiminkumar Jashbhai Patel
 Michael Victor Pearlman
 Stephen Pearson
 Susan Peckover
 Clare Elizabeth Pelham
 Alun Wyn Peters
 Artemis Andrea Philippides
 Ruth Eleanor Pickworth
 Jan Michael Podivinsky
 Lynn Rose Postle
 David Herbert Ambrose Powley
 Nicholas Protonotarios
 Farideh Rahmani
 John Strati Ralli
 Janet Rula Ransom
 Stewart Gregory Rayment
 Philip Joseph Reddy
 Maury English Redford
 John Reeves
 John Ripard
 Mario Antonio Rodrigues
 Jan Maurits Willem Sanders
 Margo Christine Schmidt
 Kishorilal Shah
 Nitin Liladhar Hadha Shah
 Milan Kumar Sheth
 Mark Francis Joseph Smart
 Theodore Ralph Smeaton-Russell
 Gary Smith
 Timothy John Smith
 Panayotis Spyropoulos
 Gonzalo Nieto Taberne

Makonnen Tesfaye
Shanmugavadivu Tharumalingam
Harvinder Pal Thethi
Lucy Joanna Thompson
Robert George Thompson
Jane Anne Thorpe
Shahid Tilly
Diana Chee Ching Tong
Theocharis Tsirtsipis
Nicholas Charles Tunnard
Philip Michael Valentine
Brian Vanderlinde
Christopher George Van Schaick
Dimitris Vranopoulos
Elaine Rennie Wadsworth
Caroline Sara Watson
Carmela Angela Werbinski
Mark Antony Wilson
Boonlert Wongpibul
Justin Mark Woollings
Steven Charles Yelland
Yen Siw Kuin

THIRD CLASS

Stephen James Abercrombie
Paul Charles Austin
Paolo Antonio Alessandro Elvezio Ugo
Baccanello
Zouheir Baroudi
Mark David Harry Blackburn
Andreas Christodoulou Demetriades
Abhay Desai
Christopher James Dizer
Marian Antoinette Foley
Robert Andrew Fowkes
Francisco Jesus Garcia
Arthur David Gavins
Stephen John Grosvenor
Brian David Jenkins
Mira Malde
Joseph Mayer Matalon
Michael Calloway Monroe
Richard Joseph Mooney
Joseph Kamik Oghassabian
Haresh Kishinchand Ramnani
Ian Michael Sanders
Barbara Ann Scott
Stephen Charles Smit
Andrew Cyril Joseph Smith
Roy Kenneth Smith
Ian James Stockley
Mark Clifford Surey
Tang Pok Leung
Khawaja Ahmed Usman
Steven Mark Whant
Wong Kum Cheong

PASS

David Frank Bailey
Stephen Paul Bell
Patrick Broderick

Lily Chayavirabood
Guy Alexander Cunliffe
John James Fairclough
Boozergomehr Kazemi
Vasos Lottari
Willy Olsen
Robert John Willam Read
Timothy Arthur Roff
Joel Jacques Sasson
Santhan Shanmugaratnam
Martijn Van Buuren

B.A. Honours in History

Branch II

SECOND CLASS

(Upper Division)
Brian Fisher
Paul Gradwell
Melanie Kate Miller
Jane Andrea Stein
Elizabeth Norah Winders

SECOND CLASS

(Lower Division)
Ann Aspel
Caroline Chen
Ian John Dunn
Catherine Egan
Miriam Helen Morna Halsall
Saul Mark Barrett Kelly
Bernard Laurence Mathysse
Rochelle Ann Smith
Lori Barbara Streich
Shaaron Doreena Whetlor

LL.B. Final Examination

FIRST CLASS

Rosemary Prudence Davies
Heather Rogers
Christopher William Youard Underhill

SECOND CLASS

(Upper Division)
Andrew Harry Alexander Adams
Anne Elizabeth Baldock
Wilma Kay Booth
Aron Emanuel Bude
Patrick Sean Cannon
Graham Hinton Cole
Philomena Mary Creasey
Stephen Michael Cutts
Sandra Margaret Hopwood
Mark Edward Hughes
David Paul Jackson

Simon Mark Lipson
Peter Ramsay Main
Pamela Averil Marsh
David Godfrey Alexander Michaels
Graham John Nicholson
Camilla Mary Palmer
Lynn Sharon Parish
Janice Teresa Parker
Dilipkumar Patel
Stephen Peel
Catherine Miranda Percy
Andrew John Raffell
Saleem Raza Sheikh
Tan Poh Lee
Nicholas Bruce Watson

SECOND CLASS

(Lower Division)
Asitkumar Acharya
Marguerite Marie Alexis
Mary Anderson
Graham Neil Arad
Anne Bradwell
Kiran Chandra
Deborah Anne Chay
Jean Lilian Cooper
Sebastian Guy Quilton Cooper
Alison Cordover
Parul Kirti Kumar Desai
Herkishin Jivan Dialdas
Jonathan Dorman
Timothy Eagle
Adrian Bernard George
Anna Margareta Charlotte Groth
Anna Hadjiyiannis
Peter Raymond Hardingham
Arthur David Harris
Suzan Marion Jacobs
Wilfred Mark Johnston
Yvonne Kalms
Egon Ivan Theodor Martin Kingston
James Alistair Delange Kirkwood
Myrna Jane Leach
Iona Jayne Levine
Roger Levitt
Edward Joseph McKiernan
John Anthony Mehigan
Patricia Nye
Farrukh Jawad Panni
Manish Raja
Zahir Riaz
Penelope Anne Rider
Rahel Rimon
Ian Isaac Rosenblatt
Rita Shah
Mary Grainne Small
Morven Cameron Tough
Georgia Trokkoudes
Kiran Wadhwa
Suk Anne Wong

THIRD CLASS

Sylvia Delores Allen
Cedric Athelstan St. Elmo Best
Margaret-Ann Clarke
Larry Thomas Karass
Mayuri Meghji Devan Shah

PASS

David Richard Checkley
Usha Devi Teji

B.A. French Studies

FIRST CLASS

Anne Teresa Mary Johnstone

SECOND CLASS

(Upper Division)
Cornelia Smith
Nicola Margaret James

SECOND CLASS

(Lower Division)
Mary Frances Andrews
Regina Maynelle Quist-Arcton
Martin Edgar Richmond
Michael Joseph Gardiner Rose

Aegrotat

Karen Joan Pedersen

B.Sc. Main Field Actuarial Science and Statistics

FIRST CLASS

Jonatham Harold Levi
Demosthenis Hapeshis

SECOND CLASS

(Upper Division)
Lim Wah Tong

SECOND CLASS

(Lower Division)
Alan Field

THIRD CLASS

Ng King Soy

B.Sc. Main Field Computing

SECOND CLASS
(Upper Division)
Jonathan Andre Ebrahimoff
Guat Mew Koay

SECOND CLASS
(Lower Division)
Victor Aaron Korman

THIRD CLASS
Ian Gerald Cavill

B.Sc. Main Field Mathematics

FIRST CLASS
Sassan Mohseni
Gabor Nyerges

SECOND CLASS
(Upper Division)
Mizan Rahman Khan

SECOND CLASS
(Lower Division)
Jane Elizabeth Royston

PASS
Paul Frank Sikora

B.Sc. Main Field Mathematics and Computing

SECOND CLASS
(Upper Division)
Alain Forestier

B.Sc. Main Field Mathematics with Computing

SECOND CLASS
(Lower Division)
Roger Ian Lynn

B.Sc. Main Field Statistics

SECOND CLASS
(Lower Division)
Mahboobe Rabbani Wahhab

B.Sc. Main Field Statistics and Computing

THIRD CLASS
Gerald William Winsor

B.A. Main Field Geography

SECOND CLASS
(Upper Division)
Marc Anton Joseph Espinet
Joanna Foord
Francis Mark Allen Hewlett
Philip Paul Maurice Robin
Gareth Thomas

SECOND CLASS
(Lower Division)
Erica Mildred Allen
Jane Andrew
Joyce Ferguson
Nicholas John Hopper
Dorothy Mary Redmond
Karen Marjory Saunders
Fiona Lamont Sudworth
Isabelle Claire Wagner

B.Sc. Main Field Geography

SECOND CLASS
(Upper Division)
Paul Henry Adams
Simon James Duff Mackay
Jonathan Simon Mindell
Andrew Colin Tebb
Trevor Clifford Williams

SECOND CLASS
(Lower Division)
Gerard David Bertolotti
Gary Nicholas Byford
John Joseph Healy
Mark Gordon Howard
Malcolm Eric Jones
Timothy Vaughan Page
Antonakis Philippou
Howard Clive Roberts
Zulobia Amirali Shariff

B.Sc. Main Field Social Anthropology

FIRST CLASS
Christopher Pinney

SECOND CLASS
(Upper Division)
Louella Lynn Beazley
Lindsay Clarke Brown
Andrew Robert Campbell
Sylvia Ann Chew

Hilary Anne Coulby
Leonie Ann Kellaheer
Maire Anne Mayne
Ellen Anneliese Muehlhoff
Elizabeth Anne Muniandy
Judith Christine Bardon Parks
Philip Peter Damian Reeve
Nicola Geraldine Waddoups

SECOND CLASS
(Lower Division)
Olivia Miriam Baron
Anthony John Charters
Fiona Evelyn French
Stuart John Green
Helle Gjeding Jorgensen
Margaret Catherine Ann Lewis
Stephen Michael Ward

THIRD CLASS
Kazuko Clark

B.Sc. Main Field Social Psychology

FIRST CLASS
Susan Elinor Ellicott
Gary Anthony Jordan

SECOND CLASS
(Upper Division)
Vanessa Jayne Branton Barrett
Susan Mary Corrigan
Rosaleen Nicole Dow
Angela Margaret Friend
Adrian Keith Gammon
Lesley Anne Horsley
Gerald Kelleher
Abnash Kaur Khurana
Ian Robbins
Deborah Anne Taylor
Rosamund Ann Woodhouse

SECOND CLASS
(Lower Division)
Joumana Al-Awar
Sandra Gerrard

B.Sc. Main Field Sociology

SECOND CLASS
(Upper Division)
Sindee Bass
Ruth Christine Betts
Stephen Frederick Burrow
Vivienne Mansel Hardcastle
Robert Mackenzie
Gillian Rita Mayle

Shealla Vuyelwa Mubi
Judith Deborah Schatz
Andrea Veronica Staltmeier

SECOND CLASS
(Lower Division)
Jane Florence Alexander
Margaret Murray Chin
Winston Placidus De Silva
Virginia Field
Yvonne Maria Gaffney
Teresa Anne Helm
Maria Blanca Del Romero Miramon
Christina Mary O'Leary
Paula Doreen Power
Allen William Risby
Mareena Shah
Daniel Ian Stern
Sarah Josephine Stott
Pamela Thear

B.Sc. Social Science and Administration

FIRST CLASS
Graham John Ball
Clare Louise Calnan
Karen Anne Stubbs

SECOND CLASS
(Upper Division)
Penelope Ann Gorbach
Susan Procter
Judith Marie Rhodes
Stephen John Willoughby
Patricia Ann Wright

SECOND CLASS
(Lower Division)
Sandra Mary Brailsford
Mittana Margaret Ezekiel
Keith Graham Halsey
Frances Jeannine Heathcote
Jacqueline Nicola Jones
Charity Monyeazo Nnawuihe
Sithembile Priscilla Pilime
Marion Hodson Smith
Lorraine Frances Webb
Moira Anne Whelligan

THIRD CLASS
Irene Ntombizodwa Mabodoko

PASS
Muhtari Usman

Higher Degrees Awarded 1979-80

M. Sc. 1979-80

*Robin Hugh Aaronson
*William Dominic Joshua Abrams
Zeinab Ahmed Abusham
Richard Otto Ackermann
John Stewart Adam
Judith Anne Adams
Teresa Mary Adams
Mark Aeron-Thomas
Alecos Agathangelou
Charles Olisa Agbakoba
Terence Dope Agbeyegbe
Saeed Ahmad
Rocky Rajabu Juma Akarro
Akbar Bin Ali
Abowork Ali
Rai Naimat Ali
Youssef Samadi Aliabadi
Gill Frances Allen
James Donald Allert
Patricia Alonso-Gamo Sandoval
Jacob Tryphinus Anderson
Leon Andrew
Martin John Andrews
Iliana Antonacopoulou
Walfredo Antunes de Oliveira
Tariq Islam Areehy
George Argyris
George Edward Armstrong
Jose Luis Arrufat
Angela Ash
Sara Alison Ayres
Tracy Jennifer Babirad
David John Baker
Ute Barbel Ballay
Patricia Banke
Michael Peter Barber
Edward Burr Barbier
Ronald Charles William Barkshire
Leslie James Barron
Richard Lee Baskerville
Harry Krishna Beharry
Dana Arthur Benson
Martin Kenneth Birt
Robert Wesley Blackburn
Geraldine Mary Boardman
Graham Derek Bond
Marta Bonn
George Bouboulis
Jill Elizabeth Bourner
George Bramhill
Lawrence Britt
Craig Steven Bromberg
Karl Boyd Brooks
*Katherine Sylvia Brooks

*Mark of Distinction awarded

80 *Academic Awards: Degrees*

Geoffrey Bruce David Brown
Harish Bundhoo
*Andrew Burchell
Simon Gregory Burgess
Ho-Ming But
Luis Raul Cabrera Borboa
Angel Calderon
Hilary Elaine Caldicott
Peter Andrew Caldwell
Ali Camat
Marie Demetriou Caroussis
Ricardo Casas Bedos
Patricia Mary Casey
Roberto Castanon Romo
Tania Lima d'Albuquerque Castro
Dan Catarivas
Joseph Leo Caverley
David Peter Cawley
Choi Lan Chan
Shuk Kwan Chan
Anthony David Chapman
Jonathan Mark Chapman
Koon Fong Cheng
Tahera Choudhury
Gopa Chowdhury
John David Chute
Brian James Clancy
*Warren Graham Colman
Joseph Louis Contreras
Keith Cook
Nerissa Jean Cook
Jose Alfonso Corominas
John Michael Courtney
Judith Cravitz
Keith Crawford
Clive Crook
Virginia Anne Crook
Patricia Murphy Curry
Neil Owen Curtis
*Erik Johan Dahl
Rima Dass
Susanna Mary Davies
Sandra Davis
Robert Michael Dawson
Stephen Colin Day
Rekha Mangalie de Silva
Karla Joan De Steuban
Charalambos Dimitriou
*Juan Jose Dolado Lobregad
Virginia Margaret Donaldson
John Michael Drew
Sandra Margaret Dwyer
Despina Economou
Roger David Edgley
Richard Rick Egudo
Geoffrey Elliot
Paul Charles Ellis
Mohammed Khalil Adullah
El-Najdawi

Elsbeth Jane Else
Alfonso Francisco Enriquez Canales
Ellen Katz Eskind
Gareth Ian Evans
Margaret Anne Falotico
*Frank Sylvester Fanselow
Werner Fritz Fassbind
Timothy Patrick Bernard FitzMaurice
Karen Floersch
Patrick Joyce Foley
Patricia Veronica Forsyth
Gary Marvin Fowle
Paul Francesco Sayles Francia
John Albert Gaines
Ben Peter Annam Gales
Paolo Garella
Gary Patrick Giddings
Mary Frances Gilchrist
Philip Giles
Richard Anthony Gillett
Thomas Bradshaw Gillibrand
Steven Gregorio Glasgow
Steven Marc Glick
Atiye Gokmen
Marilyn Jane Goodman
*Peter Gose
Martin Grohs
Eduardo Vianna de Macedo Soares
Guimaraes
Timothy John Guzley
John Lewis Gyles
*Rodney Stephen Haddow
Khalid Hafiz
Syed Ashfaq Hai
*Roderick Charles Haig
Marshall Kevin Hall
Rony Hamaui
Deborah Ann-Marie Hann
Giles James Hanning
Brian Patricia Haratsis
Celia Anne Harding
Judith Anne Hargadon
*John Gardner Harris
George Frank Harte
Alan James Hassard
Michael William Hayes
Julia Clare Hedden
Philip Ross Henderson
Matthew Nelson Hendryx
Charles Henn
Valerie Jane Hennessy
Susan Mary Theresa Hermolle
Musa Herzi Herzi
*Andrew John Hibbert
Dena Gwendoline Hibbert
Ian Hilton
To Ming Ho
*Hugo Donald Andrew Hodson
Thomas Alfred Hoehn

*Mark of Distinction awarded

81 *Academic Awards: Degrees*

Karen Hopkin
Sari Ruth Hornstein
Jane Lesley Houzer
*William Nigel Hugill
Seng Fatt Huin
Elizabeth Mary Humfrey
Mary Ann Huser
Umaru Sanda Hussaini
Mark Robert Hutton
Victor Nnamdi Ibenye
Stephen Joseph Interollo
Olafur Isleifsson
Ghislaine Alys Jacobs
Robin Charles Jacobs
Winston Anthony James
Shafi Naqi Jamie
Michael Howard Jankowski
Juan Diego Jaramillo Salazar
Gary Hall Jefferson
Nicholas Ian Jennett
Eric Douglas Johansen
Ethna Mary Elizabeth Johnson
Michael Howlett Jones
Suzana Regina Jardim Neves Jorge
Netto
Graeme Justice
Giovanna Kampouris
Andrew Donald Keate
Stephen Keevash
Helena Sally Kemp
Shahida Khan
Gholam Reza Khazai Nejad
Fatemeh Kianifard
Suzanne Hilary King
Michael Timothy Kirschenheiter
Angelika Ulrike Klusmeyer
Christopher John Knight
Laurenz Josef August Kohlleppel
Murat Nafiz Koprulu
John Korwin-Szymanowski
Yoko Kosugi
Pinelopi Koulia
Fotios Kountouriotis
Christina Kourkoula
Themiskoklis Kouvarakis
Jane Susan Kramer
Connie Margaret Kristiansen
Yngvi Orn Kristinsson
John Arthur Kroll
Karl Stephen Kronebusch
Karl Friedrich Wilhelm Kruhm
Jan Kuiper
Jutta Margarete Barbara Irene
Kunzendorf
Oskar Kurer
Anna Kyprianou
David Chiang Kau Lang
David Douglas Langfitt
Gerard Michel Georges Langrognat

Michele Jane Lazarus
 Allan Siew Khai Lee
 Stephen Lee
 Su Ching Lee
 Ian Lesser
 Peter John Lesser
 Christine Mary Letch
 Sara Linda Levine
 Richard Allan Levy
 Alexandra Riley May Lewis
 Kui Wai Li
 Gwat Hiang Lim
 Christopher John Livesey
 Adam John Peregrine Lloyd
 Cheung On Andrew Lo
 Hien Kiah Low
 Lawrence Kai Lo
 Christopher John Lock
 David Ian Watson Locke
 Ted Stuart Lodge
 Jorge Octavio Londono
 Adriano Calle da Cunha Lucas
 *Maria da Condecao Mota Soaves de
 Oliveira Calle Lucas
 Noelle Barbara McAlpine
 Eileen Bernadette McColgan
 Martin McClusker
 Mark William McElwain
 *Evelyn Margaret McEwen
 Jeffrey Allan Michael McFarlane
 Nicholas Dudley Murdoch McGeorge
 Timothy John McIvor
 Robert Ian Mackay
 Ruaraidh Donald James MacKay
 Daniel James McMahan
 Bryen Michael McManus
 Stephen Joseph Macedo
 Evelyn Maura Mahon
 Charalambos Maimaris
 Charichea Makri
 Dennis Patrick Maloney
 George Malouchos
 Bin Haji Abdul Rahim Mannan
 Marouso Manola-Bouras
 Ali Michael Mansoor
 Simon Clency Mariapa
 Dulce Maria Martins Soares Marques
 Julian John Ramsey Mason
 Judith Ann Mathus
 Efstathios Mavros
 Hector Medina Castro
 Christopher Raluchukwu Melifonwu
 Trudie Messent
 Margaret Ellen Meyer
 Susan Pamela Miller
 Peter Maitland Milne
 Hugh Robin Minty
 Christine Anne Mitchell
 Antonios Ioanna Mitsingas

*Mark of Distinction awarded

Yalezo Desmond Baphethuxolo
 Mngaza
 Shiriskumar Modi
 Miguel Augusto Molina Foncerrada
 Kirubagarie Moodley
 *Dilip Mookherjee
 *John Halstead Moore
 Steven John Moore
 Gerald Francis Moran
 Mary Elizabeth Morgan
 Evelyn Christine Morgner
 Platte Boyd Moring
 Ann Louise Morley
 Kevin Charles Morrice
 *Timothy John Morris
 Kevin Mark Murphy
 Alan Stewart Murray
 Michael John Murray
 Syed Mansoob Murshed
 Christopher Musampa
 Marina Myriantopoulou
 Ethan Avram Nadelmann
 Abdullah Bin Naib
 Julian Rene Name Singer
 Christopher John Napier
 David Christopher Neil-Smith
 Luke Kai-Man Ng
 Gilka Tavares Nobre
 Johann Christoph Noebel
 Clara Elizabeth Norambuena Escobar
 Mary Ellen Nordyke
 Jorge Ravinski Nowalski
 Reginald Keith Nugent
 Rebecca Nunn
 Kwame Oduro Nyamah
 Macleod Gibson Nyirongo
 Daniel Fernando Oks
 Liisa Annikki Ollila
 Mark Abraham Orloff
 Rolando Juan Ossowski
 Elizabeth Olubisi Osuntogun
 Fumihiko Otsuka
 *David Edwin Wynn Owen
 Maria Rosario Pablo
 Chris Papadopoulos
 Florence Ann Pappas
 Julie Jane Seymour Parker
 Patricia Frances Grzelecki Pegg
 Anthony Bartholomew Penny
 Ileana Milagros Perozo Leon
 Ann Clodagh Pick
 Gopalsamy Pillay
 Harshad Pitroda
 *Robert Porter
 Anchana Potchapornkul
 Lorna Potter
 Gregory Steffin Poulson
 Eleanor Louise Powell
 Mahomud Abdulrasul Pradhan

Robert Emyr Price
 Stella Protopapas
 Susan Elizabeth Quantius
 George Kortei Quaye
 Mirza Shafiqer Rahman
 Evan Charles Ramsay
 Anthony Jones Redpath
 Adrian Reizner
 *Rafael Repullo Labrador
 Paul Henry Richanbach
 Mark Julian Richter Cass
 David Roy Rickwood
 *Clive Taylor Robinson
 John Alfred David Robinson
 *Andrew Philip Rogerson
 Lee Rosen
 Robert Louis Rosiello
 Wouter Rosingh
 Ulisse Domenico Rossi
 Helen Roussos
 Phrang Kuper Melville Roy
 Maeve Mary Ruel
 Mark Edmund George Russell
 David John Ryder
 Yadollah Saboohi
 Dounia Salmi Loudiyi
 Shuichi Sasaki
 *Alan John Saunders
 Peter Savitz
 Marios Savvides
 Manouchehr Shahali
 Lawrence Lloyd Schembri
 Karen Earlein Schmitt
 Walter Schuster
 Christos Sclavounis
 Henrietta Search
 Dorothy Keyes Seavey
 Stephen Thomas Sedgwick
 Antonio Carlo Dyonisio Seidl
 Sybil Sara Shine
 John Shipp
 Caroline Proehl Shoemaker
 Nicholas James Shorthouse
 Janet Mary Simpson
 Abhimanyu Singh
 Ratanarasee Singhakowin
 Roy Graham Skan
 Stephen Richard Skidmore
 Alison Lee Small
 Catherine Gail Smith
 James David Smith
 Richard Norman Smith
 Joan Deirdre Snyder
 Solomis Nicolaou Solomou
 Stuart Johnston Spence
 Susan Jane Spencer
 Michael Anthony Spiegel
 Athanasios Stengos
 Noemi Stolaski Rosenthal

*Mark of Distinction awarded

Paolo Stoppa
 Irene Susan Stowe
 Mitchell Littlejohn Struthers
 William Dodge Swackhamer
 *Judith Ann Swanson
 Patricia Ford Swift
 Richard Sykes
 James Stanley Victor Symons
 George Szamuely
 Meriel Patricia Tallack
 Genevieve Talon
 Yasushi Tanaka
 Mark Eugene Tate
 Heather Elizabeth Taylor
 John Alfred Taylor
 Irene Tentes
 Ann Herriot Thomson
 Penelope Thorpe
 Kim Lian Tjong
 Torbjorg Tjonsvoll
 Anna Tochitch
 Jenney Margaret Tooth
 *Andreas Topouzi
 *Yolanda Magda Torres Falcon
 Pilar Torres Sanahuja
 Janet Marie Towey
 Christoper Trengove
 George Trepeklis
 Conaught Marie Troutman
 Charalambos Tsardanidis
 Archie Keith Tuomi
 Denis William Turner
 *Michael Domenic Uva
 Nicholas Van de Walle
 Carlos Eduardo Velez Echavarria
 Leonidas John Veros
 Manfred Wilhelm Wagner
 Teresa Jeanne Walsh
 William Porter Warbuton
 Jennifer Warren
 Sheldon Warton-Woods
 Barry John Welch
 Malcom Colin Wellstead
 James Craig Wheelan
 John Alan Whittle
 *David Ian Robert Wileman
 Peter Francis Wilkinson
 Alan Creighton Williams
 Kevin Mark Williams
 Leslie Susan Wolf
 Po Fun Monica Wong
 Tak Man Wong
 Peter Howard Woolcock
 Hilary Margaret Wright
 Kevin Christopher Wright
 *Michel Alphonse Leon Wurth
 Usman Osman Haji Yaakob
 Judith Youell
 Garry James John Young

Mohammed Bin Yusoff
Fares Tewfik Zaki
Milan Zavadjil
Anthony John Zeilinger

M.A. 1979-80

Alfonso Angel Uribe
Brigitte Paquerette Djalma Esther
Bernard
Elvira Leonor Carriazo de Ceballos
*John Miguel Warwick Chipman
Steven Deward Clay
*Manuel Eduardo Contreras
James Roger Coxwell
Paul Newton Grey
Monica Cecily Hodgson
Patrick Godfrey Hungerford Holdich
Phillippa Margaret James
Simon Mark Oliver Jones
Sheila Margaret Kerr
Sheena MacDougall
Elizabeth Doreta Masterton
Ina Lucy Navazelskis
Christiane Jutta Ingeborg Nolte
Sheila Pauline Price
Hilary Lloyd Roe
Anna Marie Sabasteanski
Cynthia Ann Watson
*John Robert Webb
James Michael Weinberger
Omer Zametica

LL.M. 1979-80

Charles Origho Agege
Akinola Olakunle Alabi
Zulfikar Hassanali Alibhai
Chantal Bernier
Robert Neil Black
Alfred Francois Brausch
Johan Louw Brink
Kameede Miriam Cecelia Brown
Ronald Craig Brown
Donald James Buckley
Prudence Mary Bull
Dick Byl
Deborah Lynn Castetter
Lee Sik Chai
Roger Scarlin Chennells
Cureley Antell Cole
Mario Giuseppe Colombatto
Dennis Dwight Anthony Darby
Elbertha Dorothea De Neeling
Susan Veronica Devine
Nigel James Duncan
Brahm Du Plessis
Claus Eiselstein
Cheryl Jean Elliott
David Leon Ellis

*Mark of Distinction awarded
84 *Academic Awards: Degrees*

Susan Margaret Eyre
Gordon Alan Fulton
David Alan Giannini
Andrew John Goldsmith
Richard Stuart Gray
Glynis Dianne Grossmith
David Munroe Hudson
Hussein Jajbhay
Robert Alexander Joy
Paul Michael Keane
Shokat Khan
Joseph Mgbo Kobani
Andreas Kotsifas
Steven Willem Arnoud Lak
Shelly Lipman
Peter Alexander McKeracher
Andrew Allason McKnight
Antonios Makridimitris
Zoe Camille Allyson Maynard
Anthony John Meagher
Stephen John Menzies
Eric Michael Moore
Alex John Mumba
Maurice Euclid Ralph Munroe
Jag Dev Singh Nageli
Behzad Nahai
Shahid Najam
*Yin San Regina Ng
John Kevin Patrick O'Sullivan
Demetrius Papaphillippou
Carlo Pavesio
Edward Mark Perlmutter
Mohamed Iqbal Rajahbalee
Joan Dorothea Roberts
Guy Sarault
Terry Victor Seibold
Michael William Sherry
James Christopher Heaton Simpson
David Victor Skoblow
Wendy Hope Steele
Ian Gordon Stirk
Nicolaas Gerhardus Swart
Tsat Kuen Jeff Tse
George Tsimekas
John Raikes Vance
Michael Howard Wachtel
Raymond Mark Joseph Werbicki
Simon Jonathan Wiggins
Howard Sterling Wood
Benjamin Yu
*Lucio Zanon

M. Phil. 1979-80

Keith Derrick Day
John Stanley Freeman
Solrun Bjorg Jensdottir Hardarson
Michael McGhee
Abe Freddy Bennett Opper

Ph.D. 1979-80

Gordon John Anderson
James Edward Andrade
Alexander Bonnyman Atkinson
Jean Paul Azam
Charles Walter Frank Baden-Fuller
Jacob Bercovitch
William Dennis Blaylock
Jitendralal Borkakoti
Susan Bruley
Bernard Antony David Bryant
Les Buszynski
Robert Malcolm Campbell
Colin Liversidge Carmichael
Christopher David Carr
Coline Elizabeth Covington
Stephen Nicholas Guy Davies
Davis William Daycock
Linda Penelope Dobbs
Harry Peter Ellis
Shirley Jo Epir
Robert Paul Ericksen
Marjorie Ruth Ferguson
Christos Frangos
Patricia Louise Garside
Tamara Genosar
Michael Theodoros Hadjimichael
Michael Frank Hallett
Carol Rhian Harlow
Habibollah Hassani
Angus Brian Hawkins
Brian William Head
Knut Martin Heidar
Robert Earl Horwood
Roberto Jakob
Jennifer Mary Jones
Theodore Katsanevas
Muhammad Khalid
Dae Yeol Ku
George Christos Kyrtosos
Scott Matthew Lash
Donald James Lee
Kiong Hock Lee
Craig Russell Littler
Andrew Bremner Lyall
Roderick Lemonde MacFarquhar
John Leonard McMullan
Witness Mangwende
Sharon Merle Mast
Robert James Maxwell
Thomas Mayer
Charles Richard Vivian More
Clive Neil Morton
Elizabeth Karin Newman
Stephen Granville O'Kane
Bernadette Mary O'Keefe
Yoram Peri
Michael Perrins

*Mark of Distinction awarded
85 *Academic Awards: Degrees*

Christopher John Pollitt
Robert John Pritchard
Michael James Rooke
Mark Warren Rosenberg
Amilcar Dos Santos Costa Sernadas
Maria Christina Sales Viana Serodio
Sernadas
Roger Saul Silverstone
Ming-Wo Soo
Stephen Alden State
Anne Frances Stevens
Geoffery Robert Swain
Rumi Tewari
Nicholas Eric Hanson Tiratsoo
Arabinda Tripathy
Helmut Trotnow
Christopher Bagam Babusha Twesigye
Shaun James Jeremy Tyson
Shamsuddeen Usman
John Frederick Vogler
Louis Wassenhoven
Edward Jan Wasserman
Steven Lane Watkins
John James Weatherhogg
Stephen John Wright
Thomas Young
Constantinos Zacharopoulos
Meir Zamir

**Diploma (Awarded by the
University of London)
1980**

Diploma in Anthropology

*Jorge Carrilo
Jean Elizabeth Florence Starr

**Diplomas (Awarded by
the School) 1980**

Diploma in Personnel Management

Helen Patricia Anderson
Fanoulla Aristotelous
Rachel Grace Nirmala Arumainayagam
Nichola Jayne Burton
Russell John Connor
Elizabeth Conway
Robert Stephen Hester
Paul Victor Knowles
Sheila McIlroy
Francine Elizabeth Setter

Wendy Jane Spurry
*Elspeth Ann Glencorse Swain
Janet Tennison
Mark Anthony Thomas
Serene Von Ling Wee
John Delas Winter

Diploma in Social Administration for Graduates

DISTINCTION

Clive Ernest Playford

PASS

Sarah Adamson
George Pericles Halkett Baddeley
Margaret Lesley Birchall
Margaret Ruth Brady
Colin John Brown
Deirdre Katherine Fitzgerald
Moira Susan Gray
Alison Clare Halden
Thomas Garland Hall
Alison Ruth Hooper
Sarah Diane Horner
John Christopher Jevons
Joyce Chandingadza Kadandara
Gillian Clare Lewis
Karen Genevieve McDougall-Birch
Brian John Matthews
Alexandra Barbara Mazzucato
Irene Monks
Susan Jennifer Murray
Miranda Naomi Ricard Pearce
Rosemary Gail Rycroft
John William Savill
Patience Rechenda Seebohm
Caryl Ann Sequeira
Jasmine Elaine Taylor
Karen McKenzie Unsworth
Sian Whittaker

Diploma in Social Planning in Developing Countries

Mohammed Nasser Hassen Al-Sarhan
Salome Zita Barr Nyadeng
Henry Jesus Camino Penalver
Masimba Chibwe
Katharea Jotikastira
Patricia Nyaya Glenda Kahari
Anne Akoya Elizabeth Khasakhala
Jung Woo Kim
Mariela del Valle Licha
Maria del Rosario Lopez

Pira Manatas
Eben Yananiso Mangwende
Areeya Rojvithee
Fred Fook-Cheng Ting
Istiqomah Wibowo
Salih Yusuf

Diploma in Social Work Studies

Christina Marje Ann Agar
Gillian Patricia Bell
Nora Bleich Wheeler
Derek Ian Churchman
Marian Ruth Curtis
Elizabeth Darlington
Anne Stephanie Davies
Mark Howard Davies
Stephen Flinn
Patricia Mary Floyd
Mark Stephen Hall-Pearson
Marion Susan Harper
Alice Catherine Margaret Holohan
June Elizabeth Kelpie
Susan Lewis
Alyson Margaret Loring
Maureen McAlindon
Thomas Oswald McKay
Robert William McLean
Peter John Lloyd Morgan
Jon Robert Muller
Joy Elizabeth Nield
Ruby Joy Nisbet
Mark Robert Roszkowski
Brian Thomas Scanlon
Barbara Jane Speed
Patrick George Stack
Sandra Ann Stanbrook
Pauline Patricia Tallon
Romney Tansley
Maria Edna Wood

Diploma in Social Work Studies 1979

Margaret Ann Mary Costello
Linda Jackson
Lesley Margaret Laycock
Philippa Jane Milsted

Diploma in Statistics

Patrica Susan Drake
John Edward Isles
Dimitra-Akrivi Kapsi
Kemal Karakocak
Ronald Vui Khiong Leong
Helen Porfyriou
Jayne Susan Shawe
John Henry Tomi

Research

The School is a centre for research and teaching in the social sciences but because of the binary system under which university research is financed, research by teachers at the School is made possible in different ways:

- (a) Much of the research done at the School is carried out by individual members of the staff and receives no support apart from that given indirectly by the School in the form of library, computational and other facilities, and directly in the form of the strictly limited support provided by the School's Staff Research Fund which covers, where possible, expenses of research assistance, travel and field work and usually comprises between £50,000 and £65,000 in any one year. The Fund is disbursed by a School Committee of the same name to the School's Departments which are grouped together for the purpose into seven "Research Divisions". The secretaries of these Divisions are Dr. M. J. Desai (Economics), Dr. C. T. Husbands (Social), Dr. J. D. McKnight (Geography/Anthropology), Dr. H. Machin (Government), Dr. A. B. Polonsky (International Studies), Ms. J. Temkin (Legal) and Mr. A. C. Harvey (Statistics).
- (b) This 'floor' of research support which the University Grants Committee expects the School to provide is supplemented by support from outside sources for some 50 major research projects in the School. This support comes to a large extent from the Research Councils, notably the Social Science Research Council, as well as from Government Departments, and foundations such as Nuffield and Leverhulme. Support from 'outside' sources for research at LSE amounts to about £600,000 per annum; the School's Research Committee oversees in general and in the case of particular projects, the conduct of the responsibilities which the School undertakes in accepting this level of outside help for its research.

Centre for International Studies

The Centre for International Studies was established at the School in 1967 with the aid of a five year grant from the Ford Foundation. Soviet and Chinese studies have from the start been a central concern of the Centre but new interests which have developed over recent years include European Studies (including French studies, East-West relations in Europe and the external relations of the European Community), International Politics in Asia and the Pacific (with particular interest in Indonesia's and Japan's external relations) and International Political Economy (particularly the International Politics of Energy and Raw Material problems and International Business studies). The Centre's aim continues to be to encourage (a) an interdisciplinary approach to these studies; (b) a concern with the links between the external and domestic levels of analysis, and (c) where appropriate, attention to their policy relevance.

The Centre sponsors an inter-disciplinary M.Sc. in European Studies. Members of the Centre are also responsible for a number of seminars, in particular on Asia and the Pacific, on the international politics of energy and raw material questions, and on the external relations in the European Community.

Details of the work of earlier years are set out in previous *Calendars*. Although the Centre is no longer in a position to offer Research Fellowships and Studentships, it appoints up to five Visiting Fellows each year. In 1980-81 the following Fellows were appointed for the whole year: Professor P. Buteux (University of Winnipeg, Manitoba, Canada), Mr. E. F. Henderson; Mrs. Kristin Lundby (Nansen Foundation, Oslo, Norway); and Professor M. Tatamoto

(University of Osaka, Japan) and for part of the year: Dr. Ann Trotter (University of Otago, New Zealand) and Mr. Jesus Moneo (President, National Institute for Prospective Studies, Madrid, Spain).

In addition, the Centre continued the appointment as Visiting Research Associate of Dr. Dov Lungu (Hebrew University, Jerusalem, Israel) whose studies were financed by a grant from the SSRC. The Centre organised occasional seminars by its Visiting Fellows.

The Centre sponsors a monograph series in the field of International Studies published by the Cambridge University Press. The only title published during the current year has been: James Mayall and Cornelia Navari (edited), *The End of the Post War Era: Documents on Great Power Relations, 1968-79*.

The work of the Centre is directed by a Steering Committee under the Chairmanship of Professor I. H. Nish, consisting of Professor A. C. L. Day, Professor G. L. Goodwin, Professor G. Ionescu, Professor J. B. Joll, Mr. L. Labeledz (Editor, *Survey*), Dr. M. Leifer, Dr. P. H. Lyon, Dr. H. Machin, Mr. J. B. L. Mayall, Professor F. S. Northedge, Dr. A. B. Polonsky, Mr. P. Reddaway, Professor L. B. Schapiro, Dr. A. Sked, Dr. G. R. Smith, Mr. G. H. Stern, Mr. M. D. Steuer, Professor S. Strange, Mr. P. G. Taylor, Dr. D. G. Valentine, Professor D. C. Watt, Dr. J. F. Weiss, Professor P. J. de la F. Wiles, Mr. P. Windsor.

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

The Unit has been set up by the School and the Imperial College of Science and Technology to fill an important gap in the historical field, that is the history of business, including technological aspects. The early years of the Unit will be financed by a private appeal which was launched by the two colleges and to which a number of members of the business community have subscribed. Dr. Leslie Hannah, its Director, began work in the latter half of 1978 on planning the Unit's activities, and subsequent appointments include Dr. Geoffrey Jones as Research Officer on a project on multinational corporations and oil; Mr. Jonathan Liebenau as Research Officer on a project on patents and new technology; Ms. Linda Prosser as the Unit's Administrative Secretary; Dr. D. J. Jeremy as editor of the Dictionary of Business Biography and Ms. Christine Shaw and Ms. Jill Gosling as research assistants on the DBB. Academic visitors to the Unit include Dr. W. J. Reader (working on teaching materials in business history), Dr. H. F. Gospel (on management-industry relations), Sir Arthur Knight (on government-industry relations) and Professor S. Yonekawa (on Japan-UK business contrasts).

The financial management of the Unit is in the hands of a Steering Committee on which the School, Imperial College and business are represented. Its members are: Professor R. G. Dahrendorf (Chairman), Professor T. C. Barker (LSE), Sir Donald Barron, Rt. Hon. E. Dell (Guinness Peat Group), Professor A. G. Dickens (British Academy), Sir Arthur Knight, Mr. R. Leigh-Pemberton (Chairman, National Westminster Bank Limited), Sir Peter Parker (Chairman, British Rail), Sir Antony Part (Vice-Chairman of the Court of Governors, LSE), Sir Alastair Pilkington (Pilkington Bros. Ltd.), Professor L. S. Pressnell (University of Kent), Professor Z. A. Silberston (Imperial College).

Academic guidance and support is provided by an Academic Management Committee consisting of; Professor T. C. Barker (LSE), Professor S. G. Checkland (Glasgow), Professor D. C. Coleman (Cambridge), Professor H. C. Edey (LSE), Professor D. C. Hague (Manchester Business School), Professor A. R. Hall (Imperial College), Dr. L. Hannah, Professor D. G. MacRae (LSE), Professor P. Mathias (Oxford), Professor L. S. Pressnell (Kent), Dr. W. J. Reader, Professor B. C. Roberts (LSE), Professor Z. A. Silberston (Imperial College), Professor Charles Wilson (Cambridge), Professor B. S. Yamey (LSE).

International Centre for Economics and Related Disciplines

The Foundation for Economic Research at L.S.E., popularly called the Suntory-Toyota Foundation, was established in 1978 on the basis of funds donated by Suntory Ltd., and the Toyota Motor Company Limited of Japan. The International Centre for Economics and Related Disciplines was established at the same time and is financially supported by the income arising to the Foundation.

The Centre finances a wide variety of research by members of the School staff, and in addition a number of small projects are also being funded. A series of public lectures—The L.S.E. Suntory-Toyota Lectures—has been initiated under the direction of the ICERD Lectures Committee which is chaired by Professor T. C. Barker. Seminars are held in economic history and in theoretical economics. A series of seminars entitled the Public Policy Seminars and organised by Professor R. Dahrendorf and Professor A. Atkinson will provide a forum for the serious discussion of economic and social policy.

The Centre issues invitations to distinguished visitors from all over the world, welcoming them to participate in the academic life of the School and the University and encouraging them to visit other academic institutions in this country during their stay.

The Centre gives three scholarships for research degree students. These are called the Suntory-Toyota Studentships. The Centre also occasionally contributes a substantial amount of money to the Scholarships and Prizes Committee to allocate in the form of scholarships and bursaries.

The work of the Centre is directed by a Steering Committee consisting of: The Director, the Pro-Director, the Convener of the Economics Department, the Chairman of the School's Research Committee and Professor A. B. Atkinson, Professor T. C. Barker, Professor K. Binmore, Professor C. Grunfeld, Dr. L. Hannah, Professor D. Hendry, Professor J. B. Joll, Dr. M. Leifer, Professor W. Letwin, Professor M. Morishima, Professor I. H. Nish, Professor J. D. Sargan, Professor K. E. Thurley, Professor M. J. Wise and Professor B. S. Yamey.

A small Planning Sub-Committee consisting of Professors Atkinson, Letwin, Morishima, Nish, Thurley and Yamey meets regularly to consider applications to the Centre for support for research.

Greater London Group

The Group, formed in 1958 by Professor W. A. Robson who remained its chairman until his death in 1980, consists of about 15 members of the academic staff from several departments of the London School of Economics and Political Science, together with two members from other colleges of London University. The Group was originally formed to give disinterested evidence to the Royal Commission on Local Government in Greater London. The Group's evidence had a considerable influence on the report of the Royal Commission and even more on the reforms carried out by the London Government Act 1963. Since then it has continued to carry out research into a number of subjects relating to local government in London and the south east region. Published results include:

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

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

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

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

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

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

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

The Group has subsequently completed two major research projects. One is an examination of London's labour market with particular reference to the problems of recruitment and retention of staff by large employers in both the public and private sectors of industry. The second project is a comparative study of the political process in four London boroughs. Entitled 'Politics and Democracy in Four Selected London Boroughs', it sought to determine what factors influence the policies and resource allocation of the Councils and the methods by which these matters are determined. The Group is currently engaged in preparing a major investigation of inter-governmental relations in metropolitan government, jointly with the Institute of Local Government Studies of Birmingham University.

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

PUBLICATIONS

Greater London Papers

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

*Public lectures delivered under the auspices of the Group.

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

Centre for Labour Economics

The Centre for Labour Economics is a part of the Department of Economics. It is one of five SSRC Designated Research Centres in the social sciences, to which the Social Science Research Council has committed long-term finance. The Centre's major current research is on unemployment, asking why the level of unemployment has been so high, and what can be done about it. The work involves studies of labour demand and supply, as well as of the unemployed themselves. There is a fortnightly seminar on unemployment attended by civil servants and academics, and a major conference on unemployment was held in Cambridge in July 1981. In addition, a summer institute on unemployment was held in June and July at the School, attended by distinguished American visitors as well as British economists. Other research projects are concerned with wage structure and incentives (especially as they affect the work behaviour of married women). Apart from the SSRC, this work is also supported by the Department of Employment, the Leverhulme Trust Fund and the Esmee Fairbairn Charitable Trust.

The research is being undertaken by Dr. M. Desai, Dr. B. Hindley, Mr. R. Jackman, Professor R. Layard (Head of the Centre), Professor D. Metcalf, Professor S. Nickell, Mr. D. Piachaud, Dr. C. Pissarides, Dr. G. Psacharopoulos and Dr. A. Zabalza (all part-time), in collaboration with four full-time research officers and numerous part-time research assistants (often graduate students). In addition J. Stern of the Department of Health and Social Security is spending two years in the Centre as a Visiting Research Associate, analysing the Department's cohort study of the unemployed.

The Centre produces a series of discussion papers which are available on request, and about 15 of these a year are published as journal articles. It has also had a grant from the Ford Foundation for a UK/US Economics of Education Exchange Programme. This has financed four conferences, and also provided for exchanges of personnel, with American labour economists visiting Britain, and vice versa. The Centre has been associated with three conference volumes in the last three years, all special issues of journals, on education and income distribution (*Journal of Political Economy*), unemployment (*Economica*) and collective choice in education (*Public Choice*).

The Centre has a library on the economics of labour, and is associated with various courses in the School's teaching calendar: the options in Labour Economics and in the Economics of Education for the M.Sc. in Economics and the Education Statistics option for the M.Sc. in Statistics. Many research students also work in the Centre.

Industrial Relations and Work Behavioural Research Unit

This Unit was formed to bring together the research activities of the Industrial Relations department. The overall research programme is under the direction of Professor B. C. Roberts and Professor K. E. Thurley.

Current research includes a study of organisational change in a nationalised industry; a project on the contribution of the personnel function to the effectiveness of organisations; and a study of hiring practices and local labour markets.

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

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

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

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

I.M.S. expertise and resources are available to all organisations requiring guidance on the solution of manpower or labour market problems. The Institute has close contacts with employers, trade unions, representative associations, and government departments and agencies. It has points of entry throughout the

national manpower scene. The Institute of Manpower Studies now has a staff of 35 who have built up extensive working relationships throughout the United Kingdom and in other countries.

The Institute's President is Mr. Peter Walters, the Executive Chairman is Mr. Alan Swinden, the Director is Dr. Clive Purkiss, and the Deputy Director is Mr. Malcolm Bennison. Annual reports, newsletters and lists of publications are available from the Institute.

Population Investigation Committee

The Population Investigation Committee, which was established in 1936, is a research group concerned with the study of demographic questions and has been housed at the School since World War II. It is affiliated with the School and acts as adviser on questions of demographic research and teaching.

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

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

In 1976 the Nuffield Foundation awarded a grant to the Committee to analyse the data on social mobility in the National Sample Survey and the first paper resulting from this research has already been accepted for publication. Other papers and the final report should be completed during 1981.

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

In collaboration with L.S.E., the Committee organized a postgraduate training programme in demography, focused on developing countries but accepting students from developed societies. Since its establishment in 1965, some 230 students have been admitted. A book embodying the results of new methodological research undertaken in connection with the training programme, *Demographic Estimation for Developing Societies*, by N. H. Carrier and J. N. Hobcraft, was published by the Committee in 1971.

The Committee has received financial support from many bodies, including the Social Science Research Council, the Ford Foundation, the Home Office, the International Planned Parenthood Federation, the Nuffield Foundation, the Eugenics Society, the Simon Population Trust, the Population Council and the Rockefeller Foundation. The Chairman of the Committee is the Director of the

London School of Economics and Political Science, Professor R. G. Dahrendorf; the Honorary Treasurer is the Government Actuary, Mr. E. A. Johnston and the General Secretary is Mrs. D. Castle.

Other Aspects of Research

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

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

Computer Services

As members of University of London, students and staff of the School have access to the University computer facilities. These comprise the University of London Computer Centre's CDC 6600 and 7600 computers at Guilford Street; the ICL 2980 computer at Queen Mary College; and the CDC Cyber 174 and 6500 computers at Imperial College. In addition, IBM facilities are imported from the Universities of Cambridge (370/165) and Newcastle (370/168).

The School is directly linked to the CDC 6600/7600 through a Modcomp Classic 7870 computer which provides limited local processing facilities as well as acting as a link to the CDC facilities, and, via ULCC, to the other computer services. Over 50 teletypes and video terminals (including 15 in a class room) are available to connect to the computers. Interactive graphics facilities are available for use with Tektronix computer display terminals using a PDP 11/10 or the larger computers. A PDP 11/34 is used as a local teaching computer.

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

A computer service comprising data preparation, computer operating, and programming advisory services, is provided under the Head of the Computer Service. A comprehensive range of programs designed for the use of social scientists is available to members of the School.

Publications by Members of Staff from 1 August 1979 to 31 July 1980

(This list includes publications that were not available for inclusion in the report for 1978-79.)

Director's Publications

- Der Liberalismus und Europa*. Fragen von Vincenzo Ferrari. Vom Autor durchgesehene Übersetzung aus dem Italienischen (R. Piper, Munich, 1980)
- After Social Democracy* (Unservile State Papers, No. 25, Liberal Publication Department, London, March 1980)
- Lebendiger Geist geht von ihm aus*. Verleihung des Goethepreises der Stadt Frankfurt am Main an Raymond Aron am 28 August 1979 in der Paulskirche (Dezernat Kultur und Freiheit der Stadt Frankfurt am Main, 1980)
- 'Vom Sinn der Geschichte und der Möglichkeit des Fortschritts' in *Universitas*, 34. Jahrgang, Heft 12 (Wissenschaftliche Verlagsgesellschaft, Stuttgart, 1979)
- 'Hochschule und Gesellschaft' Für Kurt A. Körber (*Bergedorger Gesprächskreis*, Hamburg, 1979)
- 'Grossbritannien-gestern, heute, morgen' (*Übersee-Club*, Hamburg, October 1979)
- 'North-South Dialogue' Interview with Altaf Gauhar (*Third World Quarterly*, Vol. 2, No. 1, January 1980)
- 'Is the Work Society Running Out of Work?' (*OMEGA*, Vol. 8, No. 3, March 1980)
- 'On Representative Activities' in *Science and Social Structure: A Festschrift for Robert K. Merton* (Transaction of the New York Academy of Sciences, Series II, Vol. 39, April 1980)
- 'The Achievement of Raymond Aron' (*Encounter*, Vol. LIV, No. 5, May 1980)
- 'The Limits of Equality: Some Comments on Fred Hirsch' (*Journal of the Royal Society of Arts*, Vol. CXXVIII, No. 5287, June 1980)
- 'Wirtschaft und Gesellschaft gegen Ende des 20. Jahrhunderts' (Brown, Boveri and Cie AG, Mannheim, July 1980)
- 'Twenty-Five Years of Socio-Political Analysis' (*Government and Opposition*, Vol. 15, No. 3/4, Summer/Autumn, 1980)

Accounting

Mr. N. Choudhury

'Transfer Pricing Practices: Room for Debate' (*Accountancy*, August 1979)

Professor S. Dev

'Financial Accounts - What they Do and Don't Reveal' (*Certified Accountant*, August 1979)

'Linear Programming and Production Planning' in J. Arnold, B. Carsberg and R. Scapens (Eds.), *Topics in Management Accounting* (Philip Allan, 1980)

Professor H. C. Edey

'Sandilands and the Logic of Current Cost' (*Accounting and Business Research*, No. 35, Summer 1979)

The Logic of Financial Accounting, Deloitte, Haskins and Sells Lecture 1980 (University College Cardiff Press, 1980)

Mr. C. W. Noke

'The Reality of Property Depreciation' (*Accountancy*, November and December 1979, reprinted in *Studies in Accountancy 1979*, Institute of Chartered Accountants in England and Wales, 1980)

Professor B. S. Yamey

(Editor with O. Kojima) *The Pathway to Perfectness*, by James Peele, 1569 (Daigakudo Books, Kyoto, 1980)

Anthropology

Dr. M. E. F. Bloch

'Social Implications of Freedom for Merina and Zafimaniry Slaves' in Raymond K. Kent (Ed.), *Madagascar in History: Essays from the 1970s* (The Foundation for Malagasy Studies, California, 1979)

'Ritual Symbolism and the Nonrepresentation of Society' in Mary LeCron Foster and Stanley H. Brandes (Eds.), *Symbol as Sense* (Academic Press Inc., 1980)

'Modes of Production and Slavery in Madagascar: Two Case Studies' in James L. Watson (Ed.), *Asian and African Systems of Slavery* (Basil Blackwell, 1980)

Dr. C. J. Fuller

'Gods, Priests and Purity: On the Relation Between Hinduism and the Caste System' (*Man*, September 1979)

'The Calendrical System in Tamilnadu (South India)' (*Journal of the Royal Asiatic Society*, March 1980)

'The Divine Couple's Relationship in a South Indian Temple: Minaksi and Sundaresvara at Madurai' (*History of Religions*, May 1980)

Professor E. A. Gellner

(Editor with Preface) *Soviet and Western Anthropology* (Duckworth and Columbia University Press, June 1980)

Professor I. M. Lewis

Islam in Tropical Africa (Hutchinson paperback, 1980)

'Os Cunabos na Etiópia: Combatentes da liberdade ou agentes do imperialismo?' (*Brotéria*, Vol. 109, No. 6, December 1979)

'Speaking in Tongues and the Possession Syndrome' in M. A. Simpson (Ed.), *Psycholinguistics in Clinical Practice* (Irvington Publishers, New York, 1980)

'Pre and Post-Colonial Political Units in Africa' in H. M. Adam (Ed.), *Somalia and the World*, Vol. 2 (Mogadishu, 1980)

Dr. P. Loizos

(Editor) *Man* (Journal of the Royal Anthropological Institute) 1979

'Images of Man' in J. Cherfas and R. Lewin (Eds.), *Not Work Alone* (Maurice Temple Smith, 1980)

Dr. J. P. Parry

'Ghosts, Greed and Sin: the Occupational Identity of the Benares Funeral Priests' (*Man*, Vol. XV, March 1980)

Dr. J. C. Woodburn

'Hunters and Gatherers Today and Reconstruction of the Past' in E. Gellner (Ed.), *Soviet and Western Anthropology* (Gerald Duckworth, London, 1980)

Economics

Professor A. B. Atkinson

(With J. E. Stiglitz) *Lectures on Public Economics* (McGraw-Hill, 1980)

'Intergenerational Income Mobility' (*Institute for Higher Studies Journal*, Vol. 3, 1979)

(With N. H. Stern) 'A Note on the Allocation of Time' (*Economics Letters*, Vol. 3, 1979)

'Steuern' and 'Personelle Einkommens- und Vermögensverteilung' in R. Selten (Ed.), *Handwörterbuch der Mathematischen Wirtschaftswissenschaften*, Vol. 1 (Gabler, 1979)

(With M. A. King) 'Housing Policy, Taxation and Reform' (*Midland Bank Review*, Spring 1980)

Dr. N. A. Barr

(With Professor A. R. Prest) *Public Finance in Theory and Practice* (Weidenfeld and Nicolson, 6th edition, 1979)

'Myths My Grandpa Taught Me' (*The Three Banks Review*, No. 124, December 1979)

(With Dr. G. Hutchinson) 'Quantitative and Qualitative Identification of the Target Group' in *Youth Unemployment and Vocational Training: A Report on Vocational Training and Employment Prospects* (European Centre for the Development of Vocational Training, Berlin, 1979)

Professor P. T. Bauer

'Development Economics: Intellectual Barbarism' in Karl Brunner (Ed.), *Economics and Social Institutions* (Graduate School of Management, University of Rochester, Rochester, New York, 1979)

'Foreign Aid and the Third World' in Peter Duigan and Alvin Rabushka (Eds.), *The United States in the 1980s* (Hoover Institution Press, Stanford, California, 1980)

'The Lesson of Hong Kong' (*Spectator*, April 1980)

'Ali Mazrui and the Liberal Death Wish' (*Encounter*, June 1980)

Dr. F. A. Cowell

'Generalized Entropy and the Measurement of Distributional Change' (*European Economic Review*, Vol. 13, 1980)

'On the Structure of Additive Inequality Measures' (*Review of Economic Studies*, 1980)

Professor P. S. Dasgupta

(With G. M. Heal) *Economic Theory and Exhaustible Resources* (James Nisbet and Cambridge University Press, December 1979)

(With J. E. Stiglitz) 'Uncertainty, Market Structure and the Speed of R & D' (*Bell Journal of Economics*, Spring 1980)

(With P. Hammond) 'Fully Progressive Taxation' (*Journal of Public Economics*, April 1980)

'Decentralization and Rights' (*Economica*, May 1980)

(With J. E. Stiglitz) 'Industrial Structure and the Nature of Innovative Activity' (*Economic Journal*, June 1980)

Dr. M. J. Desai

Marxian Economics (Blackwell, 1979)

'Ronald Meek's Contribution to Marxian Economics', invited contribution to *History of Economic Thought Newsletter*, Spring 1980)

Dr. S. Glaister

'On the Estimation of Diaggregate Welfare Losses with an Application to Price Distortions in Urban Transport' (*American Economic Review*, September 1979)

Dr. S. Gomulka

'Britain's Slow Industrial Growth: Increasing Inefficiency versus Low Rate of Technical Change' in W. Beckerman (Ed.), *Slow Growth in Britain: Causes and Consequences* (Oxford University Press, 1979)

Professor D. F. Hendry

'Predictive Failure and Econometric Modelling in Macro-Economics: The Transactions Demand for Money' Chapter 9 in P. Ormerod (Ed.), *Economic Modelling* (Heinemann, 1980)

(With G. E. Mizon) 'An Empirical Application and Monte Carlo Analysis of Tests of Dynamic Specification' (*Review of Economic Studies*, January 1980)

(With F. Srba) 'AUTOREG: A Computer Program Library for Dynamic Econometric Models with Autoregressive Errors' (*Journal of Econometrics*, February 1980)

Dr. B. V. Hindley

'Rigid Real Wages and International Economic Policy' in M. A. M. Smith and J. Martin (Eds.), *Trade and Payments Adjustment under Flexible Exchange Rates* (Macmillan, 1979)

'Mineral Exploration and Third World Policy Towards the Mining Industry' in Geoffrey Goodwin and James Mayall (Eds.), *A New International Commodity Regime* (Croom Helm, 1980)

Professor P. R. G. Layard

(Editor) *Education and Income Distribution*, special issue of *Journal of Political Economy*, October, 1979

(With A. Zabalza) 'Family Income Distribution: Explanation and Policy Evaluation' (*Journal of Political Economy*, special issue, October 1979)

'Education versus Cash Redistribution: The Lifetime Context' (*Journal of Public Economics*, December 1979)

'Youth Unemployment in Britain and the U.S. Compared' in R. Freeman and D. Wise (Eds.), *The Youth Employment Problem: Its Nature, Causes and Consequences* (University of Chicago Press, 1980)

(With M. Barton and A. Zabalza) 'Married Women's Participation and Hours' (*Economica*, February 1980)

(With S. Nickell) 'The Case for Subsidising Extra Jobs' (*Economic Journal*, March 1980)

Dr. J. Le Grand

(With R. Robinson) *The Economics of Social Problems* (Harcourt Brace Jovanovich, U.S. edition, 1980)

Mr. D. E. de Meza

(With M. Osborne) *Problems in Price Theory* (Phillip Allan and University of Chicago Press, 1980)

'Exploitation in Neoclassical General Equilibrium' (*Economics Letters*, Vol. 3, No. 41, 1979)

(With T. von Ungern-Sternberg) 'Market Structure and Optimal Stockholding - A Note' (*Journal of Political Economy*, April 1980)

Professor J. Myint

The Economics of the Developing Countries (Hutchinson, 5th edition, London, 1980)

'Exports and Economic Development of Less Developed Countries' in I. Adelman (Ed.), *Economic Growth and Resources*, Proceedings of the 5th Congress of the International Economic Association, Vol. 4, (Macmillan, London, 1979)

Professor S. J. Nickell

'Estimating the Probability of Leaving Unemployment' (*Econometrica*, September 1979)

'Education and Lifetime Patterns of Unemployment' (*Journal of Political Economy*, Supplement, October 1979)

'Unemployment and the Structure of Labour Costs' (*Journal of Monetary Economics Supplement*, Carnegie-Rochester Public Policy Conference No. 11, November 1979)

(With P. R. G. Layard) 'The Case for Subsidising Extra Jobs' (*Economic Journal*, March 1980)

(With T. Lancaster) 'The Analysis of Re-employment Probabilities for the Unemployed' (*Journal of the Royal Statistical Society, Series A*, April 1980)

Dr. C. A. Pissarides

'Job Matchings with State Employment Agencies and Random Search' (*Economic Journal*, December 1979)

Professor A. R. Prest

(With N. A. Barr) *Public Finance in Theory and Practice* (Weidenfeld and Nicolson, Sixth edition, London, 1979)

'Fiscal Policy' in P. Coffey (Ed.), *Economic Policies of the Common Market* (Macmillan, London, 1979)

'Royal Commission Reporting' in M. Bulmer (Ed.), *Social Research and Royal Commissions* (Allen and Unwin, London, 1980)

Dr. G. C. Psacharopoulos

(With R. Layard) 'Human Capital and Earnings: British Evidence and a Critique' (*Review of Economics Studies*, No. 3, 1979)

(With K. H. Lee) 'International Comparisons of Education and Economic Indicators, Revisited' (*World Development*, 7, 1979)

'Academic Work and Policy Formation' (*Prospects*, No. 4, 1979)

'Synthetic Approaches in Manpower Planning' (*De Economist*, No. 2, 1979)

'On the Weak Versus the Strong Version of the Screening Hypothesis' (*Economics Letters*, 4, 1979)

(With J. Papanicolaou) 'Socioeconomic Background and Monetary Rewards in the U.K.' (*Economica*, November 1979)

'Questionnaire Surveys in Educational Planning' (*Comparative Economics*, No. 2, 1980)

(With P. Wiles) 'Early Education, Ability and Earning Capacity' (*International Journal of Social Economics*, No. 3, 1980)

(With A. Kazamias) 'Student Activism in Greece: A Historical and Empirical Analysis' (*Higher Education*, 9, 1980)

'Qualifications and Employment at I.D.S., Sussex' (*I.D.S. Bulletin*, 1980)

Professor J. D. Sargan

'A Model of Wage Price Inflation' (*Review of Economic Studies*, January 1980)

'The Consumer Price Equation in the Post-War British Economy: An Exercise in Equation Specification Testing' (*Review of Economic Studies*, January 1980)

'Some Tests of Dynamic Specification for a Single Equation' (*Econometrica*, May 1980)

Dr. A. F. Shorrocks

'On the Structure of Intergenerational Transfers Between Families' (*Economica*, November 1979)

'The Class of Additively Decomposable Inequality Measures' (*Econometrica*, April 1980)

Dr. M. A. M. Smith

(Editor with John P. Martin) *Trade and Payments Adjustment Under Flexible Exchange Rates* (Macmillan, 1979)

Dr. J. Sutton

'A Model of Stochastic Equilibrium in a Quasicompetitive Industry' (*Review of Economic Studies*, July 1980)

'Pricing in the Trade Cycle: A Quasicompetitive Model' in D. A. Currie and W. Peters (Eds.), *Contemporary Economic Analysis*, Vol. 2 (Croom-Helm, London, 1980)

Dr. C. M. E. Whitehead

'What Should be done with the Guideline' (*Centre for Environmental Studies Review*, No. 7, September 1979)

(With K. Awan) 'Policy Changes and the Housing Market' (*Centre for Environmental Studies Review*, No. 9, April 1980)

(With C. M. Lambert) 'Tenure Preference' (*Centre for Environmental Studies Review*, No. 9, April 1980)

Professor P. J. de la F. Wiles

British Disease, Soviet Disease, Japanese Disease (in Japanese) (Shinhyoron, Tokyo, 1979)

'Ost-West-Handel und Technologischer Vorsprung' (*Verein für Sozialpolitik, neue Folge*, Ban 102, Staat und Wirtschaft, 1979)

Review article on Klinghoffer in the *International Journal* (Canadian Institute of International Affairs, Vol. XXIV, No. 1, 1979)

(With J. A. Rostowski) 'Soviet-Type Inflation: An Open Debate' (*Est-Ovest*, Vol. 2, No. 3, Trieste, 1979)

'Ideology, Methodology and Neoclassical Economics' (*Journal of Post-Keynesian Economics*, Winter 1979-80)

'Les Taux de Change et les Parités des Pouvoirs D'Achat dans les Pays du CAEM' (*Revue d'Etudes Comparatives Est-Ouest*, December 1979)

'The Need to Know about Vietnam' (*Quadrant*, Sydney, December 1979)

'The Importance of Country Size' in Zbigniew M. Fallenbuchl and Carl H. McMillan (Eds.), *Partners in East-West Economic Relations* (Pergamon, New York, 1980)

(With G. Psacharopoulos) 'Early Education, Ability and Earning Capacity' (*International Journal of Social Economics*, No. 3, 1980)

'Conséquences Economiques de l'Affaire Afghane' (*Futuribles*, May 1980)

Professor B. S. Yamey

'Commercio a termine: condizioni per l'efficiente funzionamento di un mercato' (*Commercio: Rivista di Economia e Politica Commerciale*, No. 4, 1980)

Dr. A. Zabalza

(With R. Layard) 'Family Income Distribution: Explanation and Policy Evaluation' (*Journal of Political Economy*, October 1979)

(With R. Layard and M. Barton) 'Married Women's Participation and Hours' (*Economica*, February 1980)

Geography

Dr. C. Board

(Editor with P. Haggett, D. Lowenthal and R. J. Johnston) *Progress in Human Geography* (Edward Arnold, Vol. 4, 1980)

'Map Design and Evaluation: Lessons for Geographers' (*Progress in Human Geography*, Vol. 4, No. 3, 1980)

Dr. R. C. Estall

(With Professor R. O. Buchanan) *Industrial Activity and Economic Geography* (Hutchinson, 4th edition, London, 1980)

Dr. F. E. I. Hamilton

(Editor and Contributor) 'Proceedings of the First British-Soviet Geographical Seminar' (*Geoforum*, Vol. 10, No. 3, 1979)

Dr. M. J. Hebbert

The Inner City Problem in Historical Context (Social Science Research Council, 1980)

'Patrick Geddes Reconsidered' (*Town and Country Planning*, January 1980)

'Discipline for the Downs' (*The Geographical Magazine*, June 1980)

Mr. D. K. C. Jones

(Editor) *Geoforum*, Vol. 10, 1979

(With R. U. Cooke, D. Brunnsden and J. C. Doornkamp) *Assessments of Geomorphological Problems in Urban Areas of Dry Lands* (United Nations University, 1979)

(With D. Brunnsden, P. Bush, R. U. Cooke and J. C. Doornkamp) 'Rapid Geomorphological Assessments for Engineering' (*Quarterly Journal of Engineering Geology*, Vol. 12, 1979)

(With D. Brunnsden) 'Relevant Time-Scales and Formative Events in Coastal Landslide Systems' (*Zeitschrift für Geomorphologie*, N. F. Suppl.-Band, 34, 1980)

(With R. U. Cooke) 'Geomorphology in Practice: Helping to Plan Cities' (*Geographical Magazine*, February 1980)

'The Downland that is England' (*Geographical Magazine*, June 1980)

Professor E. Jones

'Tomorrow's Cities' (*Biology and Human Affairs*, Vol. 44, No. 2, 1979)

'New Perspectives on an Old Science' in Stein Rokkan (Ed.), *A Quarter Century of International Social Science* (UNESCO, 1980)

'Europe; Land, Peoples and Languages' in Alan Bullock (Ed.), *The Faces of Europe* (Elsevier, 1980)

'Social Geography' in E. Brown (Ed.), *Geography, Today and Tomorrow* (Oxford University Press, 1980)

'Northern Ireland' in *Encyclopaedia Britannica* (N. Benton, Chicago, 1980)

Dr. J. E. Martin

'Location Theory and Spatial Analysis' (*Progress in Human Geography*, June 1980)

Dr. J. A. Rees

'Keeping Track' in *Atlas of Earth Resources* (Mitchell Beazley, London, 1979)

'Equity in the Provision of Urban Water and Sewerage Services' in P. N. Troy (Ed.), *Equity in Australian Urbanization* (Allen and Unwin (Australia) Ltd., 1980)

Miss H. M. Scoging

(With J. B. Thornes) 'Infiltration Characteristics in a Semi-Arid Environment' in *Proceedings of the Canberra Symposium* (IAHS-AISH Publication, No. 128, December 1979)

Dr. K. R. Sealy

'Airport Drama' (*Geographical Magazine*, Part I, September 1979 and Part II, February 1980)

'Airlines in the Melting Pot' (*Geographical Magazine*, December 1979)

Dr. J. B. Thornes

'Research and Application in Geomorphology' (*Geoforum*, September 1979)

(With H. Scoging) 'Infiltration Characteristics in a Semi-Arid Environment' in *The Hydrology of Areas of Low Precipitation* (International Association of Scientific Hydrology, December 1979)

(With D. Brunson) 'Landscape Sensitivity and Change' (*Transactions of Institute of British Geographers*, January 1980)

'Soil Erosion by Running Water: A Theoretical Viewpoint' in M. J. Kirkby and R. P. J. Morgan (Eds.), *Soil Erosion* (Wiley, June 1980)

'Conservation Practices in Erosion Models' in *Conservation 80* (Proceeding of the International Conference on Soil Erosion, July 1980)

Professor M. J. Wise

'Land Use Planning on the Urban Fringe in J. I. Clarke and J. Pelletier (Eds.), *Régions Géographiques et Régions D'Aménagements* (Lyon, 1978)

(General Consultant and contributor) *Atlas of Earth Resources* (Mitchell Beazley, 1979)

(With I. P. Gerasimov) contributions to 'Proceedings of the First British-Soviet Geographical Seminar' (*Geoforum*, 10, 1979)

Government

Mrs. A. Bennett

'Britain: Nineteenth Century' in G. R. Elton (Ed.), *The Royal Historical Society: Annual Bibliography of British and Irish History, Publications of 1978* (Harvester Press, 1979)

Professor M. W. Cranston

'What are Human Rights?' in W. Laqueur and B. Rubin (Eds.), *The Human Rights Reader* (New American Library, New York, 1979)

'Is there a Right to Privacy?' in V. Mathieu (Ed.), *Le Public et le Privé* (Istituto di Studi Filosofici, Roma, 1979)

'The Language of Politics' (*The New Lugano Review*, No. 2, November/December 1979)

'Wilhelm von Humboldt' (*Inquiry*, San Francisco, December 1979)

Review of R. Nisbet *History of the Idea of Progress* (*Inquiry*, San Francisco, July 1980)

'Rousseau et l'Aristocratie' (*Annales de la Société J.-J. Rousseau*, Geneva, 1980)

Mr. P. F. Dawson

'Politics within Bureaucracies' in *Politics within Bureaucracies, Collected Seminar Papers No. 25* (Institute of Commonwealth Studies, University of London, 1979)

Dr. P. J. Dunleavy

Urban Political Analysis (Macmillan, 1980)

'The Urban Basis of Political Alignment: Social Class, Domestic Property Ownership and State Intervention in Consumption Processes' (*British Journal of Political Science*, Vol. 9, October 1979)

Professor G. W. Jones

(Editor and Introduction) *New Approaches to the Study of Central-Local Government Relationships* (Gower, 1980)

The Prime Minister's Aides (Hull Papers in Politics, No. 6, April 1980)

'The Future Looks Bleak for Local Government' (*Municipal Review*, February 1980)

(Editor and Introduction) 'Pressure Groups, Ministers and Civil Servants' (*Public Administration Bulletin*, April 1980)

(Review Article) 'A Mix of Members' (*Parliamentary Affairs*, Summer 1980)

Professor E. Kedourie

(Editor and contributor) *The Jewish World* (Thames and Hudson, 1979; French and Dutch translations, Mercatorfonds, Antwerp, 1979)

Islamic Revolution (Salisbury Papers, No. 6, 1979)

'The Role of Arab Nationalism' in *The Political Economy of the Middle East, 1973-1978: A Compendium of Papers* submitted to the Joint Economic Committee, Congress of the United States (U.S. Government Printing Office, Washington, 1980)

'Islam Resurgent' (*Encyclopaedia Britannica Book of the Year 1980*)

'Rule and Religion in Iran' (*Policy Review*, Washington, Spring 1980)

'Islam and Politics Today' (*The Listener*, 1 May 1980)

Dr. H. Machin

'France' in F. F. Ridley (Ed.), *Government and Administration in Western Europe* (Martin Robertson, 1979)

Mr. J. T. S. Madeley

'European Elections: Denmark' (*West European Politics*, Vol. 3, No. 2, May 1980)

Mr. K. R. Minogue

'On Chirping Crickets and Elite Canoeists: Notes on the Metaphorical Imperative' (*The New Lugano Review*, No. 1, 1979)

'The History of the Idea of Human Rights' in Walter Laqueur and Barry Rubin (Eds.), *The Human Rights Reader* (New American Library, New York, 1979)

'Can One Teach "Political Literacy"?' (reprinted from *Encounter in McGill Journal of Education*, Vol. XV, No. 1, Winter 1980)

'Habermas on Legitimation' (*The Cambridge Review*, Vol. CI, No. 2253, 14 December 1979)

'Galbraith's "Annals of an Abiding Liberal"' (*American Spectator*, Vol. 13, No. 2, February 1980)

'Bureaucracy' (*Bulletin of the Australian Society for Legal Philosophy*, No. 14, February 1980)

- 'The Non-Believer's Bible' (*The Times Literary Supplement*, 13 June 1980)
 'The Idea of Utopia' (*Quadrant*, Vol. XXXIV, No. 7, July 1980)
 'Superstructural Scholasticism' (*The Times Literary Supplement*, 13 July 1980)
Dr. G. D. E. Philip
 'Mexican Oil and Gas: The Politics of a New Resource' (*International Affairs*, Summer 1980)
Mr. P. B. Reddaway
 'Soviet Samizdat Periodicals' (*Index on Censorship*, July-August 1980)
 'Can the Dissidents Survive?' (*Index on Censorship*, July-August 1980)
Dr. F. Rosen
 'Jeremy Bentham and Democratic Theory' (*The Bentham Newsletter*, No. 3, December 1979)
 'Contemplation and Virtue in Plato' (*Religious Studies*, Vol. 16, March 1980)
Professor P. J. O. Self
 Chapter in Maurice Wright (Ed.), *Public Spending Decisions: Growth and Restraint in 1970's* (Allen and Unwin, 1980)
 'Resource and Polity Co-ordination under Pressure' in Richard Rose (Ed.), *Challenge to Governance* (Sage Publications, 1980)
 'Wealth, Work and Welfare' (*Political Quarterly*, Vol. 51, No. 1, January-March 1980)
 'The Study of Politics' (*Politics Inside Bureaucracy*, Institute of Commonwealth Studies, 1980)
 'Benefit - Cost Analysis and Equity Criteria'. Paper for UNESCO Meeting of Experts on the Application of Equity Concerning the Planning and Analysis of Development (Institute of Development Studies, Brighton, September 1978)
Dr. G. R. Smith
Democracy in Western Germany: Parties and Politics in the Federal Republic (Heinemann, 1979)
Politics in Western Europe: A Comparative Analysis (Heinemann, Third edition, 1980)

History

- Professor M. S. Anderson**
 'Russia and the Eastern Question, 1821-1841' in A. Sked (Ed.), *Europe's Balance of Power, 1815-1848* (Macmillan, 1979)
Professor T. C. Barker
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Dr. J. O. Midgley

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Mr. D. F. J. Piachuad

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Mrs. E. V. Barker

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Professor J. Durbin

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Mr. A. C. Harvey

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Professor A. Stuart

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Dr. S. J. Waters

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Mr. D. A. Clarke

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Mr. P. D. C. Davis

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Mr. B. R. Hunter

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Mr. J. R. Pinfold

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Professor A. B. Atkinson

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Dr. S. Glaister

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Mrs. M. G. W. Hardiman

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Professor P. R. G. Layard

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Mr. J. B. L. Mayall

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Dr. J. O. Midgley

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Statistics of Students

Analysis of Regular and Occasional Students, 1976-81

| | Session 1976-77 | Session 1977-78 | Session 1978-79 | Session 1979-80 | Session 1980-81 |
|------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| REGULAR STUDENTS | | | | | |
| Full-time | | | | | |
| First Degree | 1704 | 1777 | 1832 | 1935 | 2071 |
| First Diploma | 5 | 0 | 0 | 0 | 0 |
| Higher Degree | 1060 | 1069 | 1073 | 1033 | 1201 |
| Higher Diploma | 173 | 160 | 137 | 108 | 200 |
| Research Fee | 75 | 86 | 93 | 79 | 61 |
| Other Regular | 103 | 97 | 87 | 99 | 167 |
| TOTAL OF FULL-TIME STUDENTS | 3120 | 3189 | 3222 | 3254 | 3700 |
| Part-time | | | | | |
| First Degree | 0 | 0 | 8 | 15 | 13 |
| Higher Degree | 352 | 333 | 378 | 529 | 557 |
| Higher Diploma | 0 | 0 | 1 | 2 | 7 |
| Research Fee | 11 | 12 | 11 | 17 | 18 |
| Other Regular | 0 | 0 | 0 | - | 0 |
| TOTAL PART-TIME STUDENTS | 363 | 345 | 398 | 563 | 595 |
| TOTAL OF REGULAR STUDENTS | 3483 | 3534 | 3620 | 3817 | 4295 |
| OCCASIONAL STUDENTS | 85 | 88 | 76 | 54 | 30 |
| GRAND TOTAL | 3568 | 3622 | 3696 | 3871 | 4325 |

Analysis of Overseas Students, 1976-81

| | Session 1976-77 | Session 1977-78 | Session 1978-79 | Session 1979-80 | Session 1980-81 |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| REGULAR STUDENTS | | | | | |
| First Degree | 373 | 392 | 395 | 405 | 471 |
| First Diploma | 0 | 0 | 0 | 0 | 0 |
| Higher Degree | 734 | 777 | 776 | 829 | 978 |
| Higher Diploma | 41 | 24 | 32 | 28 | 157 |
| Research Fee | 82 | 89 | 98 | 88 | 73 |
| Other Regular | 87 | 83 | 76 | 87 | 156 |
| OCCASIONAL STUDENTS | 25 | 38 | 32 | 8 | 8 |
| TOTAL | 1342 | 1403 | 1409 | 1445 | 1843 |

Analysis of Regular and Occasional Students, 1979-81

118

REGULAR STUDENTS

SESSION 1979-80

SESSION 1980-81

| | Full-time Students | | | Part-time Students | | | Grand Total | Full-time Students | | | Part-time Students | | | Grand Total | |
|--|--------------------|-------|-------|--------------------|-------|-------|-------------|--------------------|-------|-------|--------------------|-------|-------|-------------|------|
| | Men | Women | Total | Men | Women | Total | | Men | Women | Total | Men | Women | Total | | |
| | | | | | | | | | | | | | | | |
| B.Sc. (Economics) | | | | | | | | | | | | | | | |
| 1st year | 317 | 110 | 427 | - | - | - | 8 | 346 | 123 | 469 | 1 | 1 | 2 | 11 | 1242 |
| 2nd year | 281 | 87 | 368 | 3 | - | 3 | | 293 | 101 | 394 | 3 | 1 | 4 | | |
| 3rd year | 305 | 79 | 384 | 3 | 2 | 5 | | 284 | 84 | 368 | 5 | - | 5 | | |
| <hr/> | | | | | | | | | | | | | | | |
| Course-Unit Degree | | | | | | | | | | | | | | | |
| B.Sc./B.A. | | | | | | | | | | | | | | | |
| Geography | | | | | | | | | | | | | | | |
| 1st year | 17 | 10 | 27 | | | | 81 | 17 | 10 | 27 | | | | 79 | |
| 2nd year | 17 | 9 | 26 | | | | | 17 | 10 | 27 | | | | | |
| 3rd year | 19 | 9 | 28 | | | | | 16 | 9 | 25 | | | | | |
| B.Sc. Mathematics, Statistics, Computing and Actuarial Science | | | | | | | | | | | | | | | |
| 1st year | 18 | 14 | 32 | | | | 68 | 22 | 14 | 36 | | | | 81 | |
| 2nd year | 14 | 4 | 18 | | | | | 15 | 9 | 24 | | | | | |
| 3rd year | 16 | 2 | 18 | | | | | 17 | 4 | 21 | | | | | |
| B.Sc. Management Science | | | | | | | | | | | | | | | |
| 1st year | 13 | - | 13 | - | 1 | 1 | 1 | 28 | 9 | 37 | 1 | - | 1 | 1 | |
| 2nd year | 11 | 5 | 16 | - | - | - | | 12 | 2 | 14 | - | - | - | | |
| 3rd year | | | | | | | | 11 | 4 | 15 | - | - | - | | |
| B.Sc. Mathematics & Philosophy | | | | | | | | | | | | | | | |
| 1st year | 1 | - | 1 | | | | 2 | 1 | 2 | 3 | | | | 6 | |
| 2nd year | 1 | - | 1 | | | | | 1 | - | 1 | | | | | |
| 3rd year | - | - | - | | | | | 2 | 2 | 4 | | | | | |

Analysis of Regular and Occasional Students, 1979-81—continued

119

REGULAR STUDENTS

SESSION 1979-80

SESSION 1980-81

| | Full-time Students | | | Part-time Students | | | Grand Total | Full-time Students | | | Part-time Students | | | Grand Total |
|---|--------------------|-------|-------|--------------------|-------|-------|-------------|--------------------|-------|-------|--------------------|-------|-------|-------------|
| | Men | Women | Total | Men | Women | Total | | Men | Women | Total | Men | Women | Total | |
| | | | | | | | | | | | | | | |
| B.Sc./B.A. Social Anthropology | | | | | | | | | | | | | | |
| 1st year | 9 | 11 | 20 | - | - | - | 1 | 4 | 16 | 20 | | | | 54 |
| 2nd year | 8 | 11 | 19 | 1 | - | 1 | | 7 | 9 | 16 | | | | |
| 3rd year | 6 | 15 | 21 | - | - | - | | 9 | 9 | 18 | | | | |
| B.Sc. Social Psychology | | | | | | | | | | | | | | |
| 1st year | 4 | 8 | 12 | 1 | - | 1 | 1 | 9 | 11 | 20 | - | - | - | 1 |
| 2nd year | 7 | 9 | 16 | - | - | - | | 4 | 6 | 10 | - | 1 | 1 | |
| 3rd year | 4 | 12 | 16 | - | - | - | | 7 | 10 | 17 | - | - | - | |
| B.Sc. Sociology | | | | | | | | | | | | | | |
| 1st year | 18 | 10 | 28 | - | 1 | 1 | 2 | 13 | 15 | 28 | | | | 79 |
| 2nd year | 9 | 14 | 23 | - | 1 | 1 | | 9 | 11 | 20 | | | | |
| 3rd year | 7 | 18 | 25 | - | - | - | | 7 | 14 | 21 | | | | |
| B.A. French Studies | | | | | | | | | | | | | | |
| 1st year | 2 | 13 | 15 | | | | 34 | 4 | 12 | 16 | | | | 38 |
| 2nd year | - | 10 | 10 | | | | | 2 | 13 | 15 | | | | |
| 3rd year | 1 | 4 | 5 | | | | | - | 4 | 4 | | | | |
| 4th year | 1 | 3 | 4 | | | | | - | 3 | 3 | | | | |
| B.Sc. Chemistry & Philosophy of Science (jointly with King's College) | | | | | | | | | | | | | | |
| 1st year | | | | | | | | 1 | 2 | 3 | | | | 4 |
| 2nd year | | | | | | | | - | - | - | | | | |
| 3rd year | | | | | | | | 1 | - | 1 | | | | |

Analysis of Regular and Occasional Students, 1979-81—continued

REGULAR STUDENTS

SESSION 1979-80

SESSION 1980-81

| | Full-time Students | | | Part-time Students | | | Grand Total | Full-time Students | | | Part-time Students | | | Grand Total |
|--|--------------------|-------|-------|--------------------|-------|-------|-------------|--------------------|-------|-------|--------------------|-------|-------|-------------|
| | Men | Women | Total | Men | Women | Total | | Men | Women | Total | Men | Women | Total | |
| B.A. Social Anthropology and Mediaeval History | | | | | | | | | | | | | | |
| 1st year | 1 | 1 | 2 | 2 | | | 2 | | | | | | | |
| 2nd year | | | | | | | | | | | | | | |
| B.Sc. Social Science & Administration | | | | | | | | | | | | | | |
| 1st year | 8 | 14 | 22 | | | | 63 | 4 | 22 | 26 | | | | 70 |
| 2nd year | 5 | 16 | 21 | | | | | 7 | 15 | 22 | | | | |
| 3rd year | 4 | 16 | 20 | | | | | 6 | 16 | 22 | | | | |
| LL.B. 1st year | 38 | 41 | 79 | 1 | - | 1 | 2 | 58 | 34 | 92 | | | | 252 |
| 2nd year | 50 | 37 | 87 | - | 1 | 1 | | 38 | 41 | 79 | | | | |
| 3rd year | 43 | 38 | 81 | - | - | - | | 46 | 35 | 81 | | | | |
| B.A. History | | | | | | | | | | | | | | |
| 1st year | 4 | 14 | 18 | | | | 50 | 11 | 14 | 25 | | | | 61 |
| 2nd year | 9 | 8 | 17 | | | | | 3 | 15 | 18 | | | | |
| 3rd year | 5 | 10 | 15 | | | | | 9 | 9 | 18 | | | | |
| Research Fee | | | | | | | | | | | | | | |
| 1st year | 54 | 16 | 70 | 4 | 8 | 12 | 17 | 44 | 6 | 50 | 9 | 5 | 14 | 79 |
| 2nd year and subsequent years | 9 | - | 9 | 3 | 2 | 5 | | 9 | 2 | 11 | 2 | 2 | 4 | |

Analysis of Regular and Occasional Students, 1979-81—continued

REGULAR STUDENTS

SESSION 1979-80

SESSION 1980-81

| | Full-time Students | | | Part-time Students | | | Grand Total | Full-time Students | | | Part-time Students | | | Grand Total |
|---|--------------------|-------|-------|--------------------|-------|-------|-------------|--------------------|-------|-------|--------------------|-------|-------|-------------|
| | Men | Women | Total | Men | Women | Total | | Men | Women | Total | Men | Women | Total | |
| M.Sc. | | | | | | | | | | | | | | |
| 1st year | 337 | 145 | 482 | 43 | 31 | 74 | 529 | 425 | 217 | 642 | 64 | 35 | 99 | 1758 |
| 2nd year and subsequent years | 35 | 12 | 47 | 41 | 14 | 55 | | 34 | 31 | 65 | 37 | 25 | 62 | |
| Ph.D. | | | | | | | | | | | | | | |
| 1st year | 2 | 1 | 3 | - | 1 | 1 | 150 | - | 1 | 1 | 1 | 1 | 2 | 133 |
| 2nd year and subsequent years | 81 | 32 | 113 | 110 | 39 | 149 | | 64 | 23 | 87 | 98 | 33 | 131 | |
| M.Phil. | | | | | | | | | | | | | | |
| 1st year | 104 | 45 | 149 | 49 | 23 | 72 | 1033 | 99 | 50 | 149 | 45 | 16 | 61 | 557 |
| 2nd year and subsequent years | 95 | 31 | 126 | 95 | 48 | 143 | 529 | 92 | 34 | 126 | 99 | 52 | 151 | |
| LL.M. | | | | | | | | | | | | | | |
| 1st year | 69 | 17 | 86 | 15 | 9 | 24 | 88 | 81 | 33 | 114 | 20 | 5 | 25 | 42 |
| 2nd year and subsequent years | 2 | - | 2 | 4 | - | 4 | 28 | - | - | | 9 | 8 | 17 | |
| M.A. | | | | | | | | | | | | | | |
| 1st year | 10 | 13 | 23 | 2 | 2 | 4 | 7 | 9 | 6 | 15 | 2 | 4 | 6 | 9 |
| 2nd year and subsequent years | 1 | 1 | 2 | 3 | - | 3 | | 1 | 1 | 2 | 2 | 1 | 3 | |
| University Post-Graduate Diplomas: Anthropology International Law | 1 | 1 | 2 | | | | 2 | 1 | 1 | | | | | 1 |

Analysis of Regular and Occasional Students, 1979-81—continued

REGULAR STUDENTS

SESSION 1979-80

SESSION 1980-81

| | SESSION 1979-80 | | | | | | Grand Total | SESSION 1980-81 | | | | | | Grand Total | |
|--|--------------------|-------|-------|--------------------|-------|-------|-------------|--------------------|-------|-------|--------------------|-------|-------|-------------|---|
| | Full-time Students | | | Part-time Students | | | | Full-time Students | | | Part-time Students | | | | |
| | Men | Women | Total | Men | Women | Total | | Men | Women | Total | Men | Women | Total | | |
| Diplomas Awarded by the School: | | | | | | | | | | | | | | | |
| Social Work Studies | 14 | 20 | 34 | | | | 34 | | | | | | | - | |
| Social Planning | 7 | 9 | 16 | | | | 16 | 6 | 4 | 10 | | | | 10 | |
| Personnel Management | 5 | 11 | 16 | | | | 16 | 10 | 15 | 25 | | | | 25 | |
| Social Administration | 7 | 21 | 28 | | | | 28 | 12 | 12 | 24 | | | | 24 | |
| Statistics | | | | | | | | | | | | | | | |
| 1st year | 6 | 4 | 10 | 11 | 2 | - | 2 | 13 | 4 | 4 | 8 | | | | 8 |
| 2nd year | - | 1 | 1 | | - | - | - | | | | | | 1 | - | 1 |
| Accounting and Finance | | | | | | | | 17 | 8 | 25 | 1 | - | 1 | 26 | |
| Business Studies | | | | | | | | 19 | 10 | 29 | 1 | - | 1 | 30 | |
| Management Sciences | | | | | | | | 5 | 5 | 10 | | | | 10 | |
| Economics | | | | | | | | 27 | 12 | 39 | - | 2 | 2 | 41 | |
| Econometrics | | | | | | | | 4 | 1 | 5 | | | | 5 | |
| International and Comparative Politics | | | | | | | | 11 | 5 | 16 | 1 | 1 | 2 | 18 | |
| Operational Research | | | | | | | | 5 | 1 | 6 | | | | 6 | |
| Social Psychology | | | | | | | | - | 2 | 2 | | | | 2 | |
| Certificate in Accounting | - | 1 | 1 | | | | 1 | | | | | | | - | |

Analysis of Regular and Occasional Students, 1979-81—continued

REGULAR STUDENTS

SESSION 1979-80

SESSION 1980-81

| | SESSION 1979-80 | | | | | | Grand Total | SESSION 1980-81 | | | | | | Grand Total |
|----------------------------------|--------------------|-------------|-------------|--------------------|------------|------------|-------------|--------------------|-------------|-------------|--------------------|------------|------------|-------------|
| | Full-time Students | | | Part-time Students | | | | Full-time Students | | | Part-time Students | | | |
| | Men | Women | Total | Men | Women | Total | | Men | Women | Total | Men | Women | Total | |
| General Course | 46 | 33 | 79 | | | | 79 | 88 | 68 | 156 | | | | 156 |
| Chinese Students | 5 | 3 | 8 | | | | 8 | | | | | | | - |
| Trade Union Studies | 9 | 3 | 12 | | | | 12 | 9 | 2 | 11 | | | | 11 |
| TOTAL OF REGULAR STUDENTS | 2172 | 1082 | 3254 | 380 | 183 | 563 | 3817 | 2427 | 1273 | 3700 | 402 | 193 | 595 | 4295 |
| OCCASIONAL STUDENTS | | | | 32 | 22 | 54 | 54 | | | | 18 | 12 | 30 | 30 |
| GRAND TOTAL | 2172 | 1082 | 3254 | 412 | 205 | 617 | 3871 | 2427 | 1273 | 3700 | 420 | 205 | 625 | 4325 |

Analysis of Overseas¹ Students in Attendance at the London School of Economics during the Sessions 1976-81

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| | 1976-77 | | 1977-78 | | 1978-79 | | 1979-80 | | 1980-81 | |
|------------------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| Balkan States | 5 | (5) | 5 | (5) | 6 | (6) | 8 | (8) | 2 | (2) |
| Cyprus ² | 35 | (35) | 47 | (47) | 56 | (56) | 62 | (62) | 80 | (80) |
| France | 15 | (14) | 15 | (14) | 15 | (14) | 10 | (10) | 13 | (13) |
| Germany | 40 | (40) | 40 | (37) | 46 | (44) | 45 | (45) | 61 | (61) |
| Greece | 72 | (70) | 89 | (85) | 89 | (85) | 85 | (85) | 95 | (92) |
| Italy | 39 | (38) | 36 | (36) | 40 | (40) | 35 | (33) | 54 | (54) |
| Netherlands | 4 | (4) | 2 | (2) | 13 | (12) | 15 | (15) | 10 | (10) |
| Poland | 3 | (3) | 2 | (2) | 3 | (3) | 1 | (1) | 2 | (2) |
| Scandinavia | 23 | (22) | 21 | (19) | 28 | (24) | 23 | (23) | 27 | (26) |
| Switzerland | 14 | (14) | 22 | (22) | 19 | (19) | 19 | (19) | 22 | (22) |
| U.S.S.R. | 4 | (4) | 1 | (1) | 5 | (5) | 3 | (3) | 6 | (6) |
| Others | 56 | (55) | 60 | (58) | 63 | (62) | 69 | (68) | 73 | (73) |
| <i>Total Europe</i> | <i>310</i> | <i>(304)</i> | <i>340</i> | <i>(328)</i> | <i>383</i> | <i>(370)</i> | <i>375</i> | <i>(372)</i> | <i>445</i> | <i>(441)</i> |
| Bangladesh | 18 | (18) | 11 | (11) | 10 | (10) | 10 | (10) | 6 | (6) |
| China | 12 | (12) | 5 | (5) | 9 | (9) | 8 | (8) | 7 | (7) |
| Hong Kong ³ | | | | | | | | | 85 | (85) |
| India | 39 | (38) | 40 | (40) | 40 | (40) | 38 | (38) | 51 | (51) |
| Iran | 52 | (52) | 57 | (57) | 50 | (50) | 42 | (42) | 56 | (56) |
| Israel | 22 | (22) | 18 | (18) | 19 | (18) | 23 | (23) | 18 | (18) |
| Japan | 36 | (35) | 34 | (34) | 34 | (31) | 32 | (32) | 26 | (26) |
| Malaysia | 54 | (54) | 68 | (66) | 58 | (58) | 63 | (63) | 74 | (74) |
| Pakistan | 33 | (33) | 33 | (33) | 32 | (32) | 31 | (31) | 43 | (43) |
| Singapore | 24 | (24) | 29 | (28) | 36 | (36) | 38 | (38) | 49 | (49) |
| Sri Lanka | 4 | (4) | 8 | (8) | 4 | (4) | 7 | (7) | 11 | (11) |
| Thailand | 10 | (10) | 10 | (10) | 11 | (11) | 16 | (16) | 14 | (14) |
| Turkey | 9 | (9) | 15 | (12) | 16 | (16) | 17 | (17) | 22 | (22) |

Continued

¹For comparison with the figures of previous years, the definition of an overseas student for the purposes of this table has been based on domicile, unlike the definition used in determining fees

²Previously included in Europe: Others

³Previously included in Asia: Others

Analysis of Overseas Students in Attendance at the London School of Economics during the Sessions 1976-81 (continued)

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| | 1976-77 | | 1977-78 | | 1978-79 | | 1979-80 | | 1980-81 | |
|----------------------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| Others | 63 | (63) | 71 | (68) | 81 | (81) | 97 | (97) | 64 | (64) |
| <i>Total Asia</i> | <i>376</i> | <i>(374)</i> | <i>399</i> | <i>(390)</i> | <i>400</i> | <i>(396)</i> | <i>420</i> | <i>(420)</i> | <i>526</i> | <i>(526)</i> |
| Ghana | 6 | (6) | 12 | (12) | 7 | (7) | 9 | (9) | 16 | (16) |
| Kenya | 17 | (17) | 20 | (20) | 20 | (20) | 23 | (23) | 28 | (28) |
| Nigeria | 32 | (32) | 31 | (31) | 25 | (25) | 27 | (27) | 63 | (63) |
| South Africa | 14 | (14) | 16 | (16) | 20 | (20) | 24 | (24) | 17 | (17) |
| Zimbabwe | 6 | (6) | 6 | (6) | 7 | (7) | 11 | (11) | 18 | (18) |
| Others | 46 | (45) | 41 | (40) | 45 | (45) | 43 | (43) | 71 | (71) |
| <i>Total Africa</i> | <i>121</i> | <i>(120)</i> | <i>126</i> | <i>(125)</i> | <i>124</i> | <i>(124)</i> | <i>137</i> | <i>(137)</i> | <i>213</i> | <i>(213)</i> |
| Canada | 111 | (111) | 123 | (122) | 105 | (103) | 98 | (97) | 84 | (83) |
| United States | 272 | (265) | 272 | (261) | 230 | (221) | 238 | (234) | 343 | (343) |
| Others | 19 | (18) | 18 | (18) | 21 | (21) | 28 | (28) | 57 | (57) |
| <i>Total North America</i> | <i>402</i> | <i>(394)</i> | <i>413</i> | <i>(401)</i> | <i>356</i> | <i>(345)</i> | <i>364</i> | <i>(359)</i> | <i>484</i> | <i>(483)</i> |
| <i>West Indies</i> | <i>5</i> | <i>(5)</i> | <i>11</i> | <i>(11)</i> | <i>9</i> | <i>(9)</i> | <i>14</i> | <i>(14)</i> | <i>22</i> | <i>(22)</i> |
| <i>Central America</i> | <i>10</i> | <i>(10)</i> | <i>6</i> | <i>(6)</i> | <i>9</i> | <i>(9)</i> | <i>3</i> | <i>(3)</i> | <i>4</i> | <i>(4)</i> |
| <i>South America</i> | <i>76</i> | <i>(70)</i> | <i>66</i> | <i>(62)</i> | <i>70</i> | <i>(68)</i> | <i>82</i> | <i>(82)</i> | <i>105</i> | <i>(103)</i> |
| Australia | 34 | (32) | 29 | (29) | 42 | (40) | 40 | (40) | 37 | (36) |
| New Zealand | 7 | (7) | 12 | (12) | 14 | (14) | 8 | (8) | 5 | (5) |
| Others | 1 | (1) | 1 | (1) | 2 | (2) | 2 | (2) | 2 | (2) |
| <i>Total Oceania</i> | <i>42</i> | <i>(40)</i> | <i>42</i> | <i>(42)</i> | <i>58</i> | <i>(56)</i> | <i>50</i> | <i>(50)</i> | <i>44</i> | <i>(43)</i> |
| Total | 1342 | (1317) | 1403 | (1365) | 1409 | (1377) | 1445 | (1437) | 1843 | (1835) |

The figures in brackets denote the number of Regular Students
 The United Arab Republic is now included in Africa: Others

Part II: Regulations and Facilities

Admission of Students

1. Students are classified in the following categories:

- (a) Regular students—those paying a composition fee for a degree or diploma or for any other full course and students paying a research fee.
 - (b) Occasional students—those paying a fee for one or more separate courses of lectures.
2. No student will be admitted to any course until he has paid the requisite fees. The School reserves the right at all times to withdraw or alter particular courses and course syllabuses.

First Degrees

U.C.C.A.

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

Overseas candidates who are applying from the following countries are advised to submit their applications to U.C.C.A. through the recognised agency in London (e.g. the British Council Technical Assistance Training Department or their own country's High Commission, Embassy, Consulate-General or Students' Office): Brunei, Cyprus, Ghana, Guyana, India, Luxembourg, Singapore, Tanzania and Thailand. Candidates from other overseas countries should send their applications to U.C.C.A. direct. British Council offices abroad can give helpful advice, but do not supply application forms or handbooks. Any student whose permanent home address is outside the U.K. will be classed as an overseas student for U.C.C.A. purposes.

The earliest date at which the U.C.C.A. will receive applications for admission in October 1982 is 1 September 1981. The closing date for the receipt of applications at the U.C.C.A. is 15 December 1981, except for students who include Oxford or Cambridge in their choice of Universities, who must submit their applications by 15 October 1981. However, all students are advised to submit their applications as soon as possible after 1 September and not to leave them until the last minute.

Entrance Requirements

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

Either

1. passing the general Certificate of Education examination, or an approved equivalent, in the required number of subjects, namely either two at advanced level and three at ordinary level, or three at advanced level and one at ordinary level.

The ordinary level passes must be obtained at Grade A, B or C. A Grade I

pass in a subject taken in the Certificate of Secondary Education is recognised as equivalent to an Ordinary level pass in the G.C.E. examination. Ordinary passes (Grades A–C, in examination in and after 1973) in the Scottish Certificate of Education are accepted by the University of London as equivalent to Ordinary level passes in the G.C.E. examination. The University has also recently agreed that a student who has passed five separate subjects at the Higher level in the Scottish Certificate of Education and has obtained not less than Grade B in four of these subjects will be deemed to have satisfied the General Entrance requirements of the University of London. However the School would normally expect the candidates from Scotland to offer good passes in at least two subjects either in the Certificate of Sixth Year Studies examination or under the Post Higher syllabus.

- or 2. graduating in another university approved for this purpose by the University of London;
- or 3. obtaining by examination a full practising professional qualification;
- or 4. obtaining the Diploma in Technology;
- or 5. applying under the regulations for Advanced Students by virtue of a Teacher's Certificate awarded since 1962, after a course of study lasting three academic years in a training college in England or Wales, or a three-year course of training in Northern Ireland since 1950;
- or 6. other qualifications to be considered by the Special Entrance Board of the University.

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

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

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

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

Concurrent Study

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

Additional Information for Overseas Students

Many students overseas will find it convenient to submit their applications to the U.C.C.A. through an established agency, such as their government's Students'

Office or High Commission, or the Overseas Development Administration, and students are advised to seek the help and advice of these agencies before submitting an application. Students who wish to do so, however, may send direct to the U.C.C.A. any application for admission to a first-degree course at this School. Students who are in any doubt or difficulty over this procedure may write direct to the School for advice.

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

Those who do not hold the relevant British qualifications listed above, but who hold qualifications enabling them to enter a foreign university, may be considered by the Special Entrance Board of the University of London. Such students should in the first instance apply for admission to the School through the U.C.C.A. If the School is willing to admit them it will forward their applications to the Special Board for consideration.

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

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

Candidates from overseas, whether living abroad or in the United Kingdom at the time they make application, will be required, before they are accepted, to show that they have adequate financial resources to cover the cost of the three-year full-time course of study for a first degree. They will be asked to provide a guarantee that they have available a sufficient sum to cover their maintenance in London (£2700 for 1981/82) in addition to the fees. They may also be asked to provide a medical certificate.

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

Course Requirements

Note Besides the general requirements given on pages 126–128 candidates must satisfy the course requirements for the degree they wish to take.

| <i>Course and Course Requirements</i> | <i>Description of Course Page</i> |
|--|---|
| B.Sc. Economics 'O' level pass in Mathematics expected | 160–82 |
| LL.B. No course requirement | 204–7 |
| LL.B. with French Law 'A' level pass in French required | 208–10 |
| B.A. Geography 'O' level pass in Mathematics expected | 184–6 |
| B.Sc. Degree 'O' level pass in Mathematics expected for: | |
| Geography | 184–6 |
| Management Sciences | 188–90 |
| Social Psychology | 192–4 |
| Sociology | 194–6 |
| 'A' level pass in a Mathematics subject expected for: | |
| Mathematics/Philosophy | 190–1 |
| Mathematics/Statistics/Computing/Actuarial Science | 186–8 |
| B.Sc. Social Science and Administration 'O' level pass in Mathematics expected | 202–3 |
| B.A. History 'O' level pass in a foreign language, modern or classical, required 'A' level pass in History or Economic History preferred | 211–2 |
| B.A. Social Anthropology and Medieval History 'O' level pass in modern foreign language expected | 191–2 |
| B.A. French Studies 'A' level pass in French required | 196–7 |

General Course Students

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

1. Applications for General Course registration will be considered from undergraduates who will have completed at least two years of study in a foreign university by the time of their enrolment at the School. Highly qualified graduate students who wish to do general work in the social sciences may also apply. Graduates who wish to follow a more specialised course without preparing for a degree, should apply for Research Fee registration (see pages 140 and 216).
2. General Course enrolment enables a student to attend lectures and classes and receive tuition at the School for one academic year only.
3. The number of students admitted each year is limited.
4. (a) The Tutor to General Course students has general responsibility for the arrangements for students in this category and will address newly-arrived students at the beginning of the year as part of a reception programme.
(b) Every student is allocated to a tutor, who will advise in the selection of courses and act throughout the session as supervisor.
(c) The student may attend most lecture courses and may also join classes.
(d) The student has full use of the Library without payment of any additional fee.
5. (a) At the end of the course each student will be given, on request, a certificate of registration. This certificate lists the lectures and classes for which the student was registered, but does not include a detailed record of attendance.
(b) The student may apply to write up to four examination papers in subjects of his own choosing. The results of any examinations are added to the registration certificate.
(c) A tutor's confidential report will also be made available, on request, to the student's home university.

The School does not grade students or award credits on the American model.

Before committing themselves to attendance, students should, therefore, ensure that the facilities outlined above will satisfy the requirements of their home university.

6. Application forms for General Course registration may be obtained from the Assistant Registrar (Admissions) of the School. An application fee (non-refundable) of £10 (or \$20) must be submitted at the time of application.

Occasional Students

1. Occasional students are entitled to select up to three lecture courses per term from those listed in the Sessional Timetable. They are normally required to enrol for a complete course or for a whole term; registration for single lectures is not permitted. Classes and seminars are not normally open to Occasional students. The fee for most courses is £2 per hour. Refunds of fees are not normally available.
2. Applicants for admission as Occasional students must normally be in full-time employment.
3. A person seeking admission as an Occasional student should obtain a form of application from the Assistant Registrar (Admissions) of the School and return it at least four weeks before the opening of the term in which he wishes to attend.
4. Applicants will be asked to state their qualifications for study at the School and the purpose for which they wish to study, and they may be invited to attend for interview before admission. In view of pressure on teaching resources and accommodation, only a limited number of Occasional students will be accepted.

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

5. If the application is accepted the student will, on payment of the fees, receive a card of admission for the courses named thereon and must produce it on demand.
6. Occasional registration does not entitle a student to tutorial assistance. The teaching facilities are strictly limited to attendance at the courses for which the individual student is registered.
7. An Occasional student will be allowed full use of the Main Library but not of the Teaching Library.
8. At the end of their attendance students will, on request, be given a typed certificate listing the courses for which they have been registered, but this certificate will not include a detailed record of attendance.

The Pre-Law Programmes

The Pre-Law programmes, which draw upon the School's long tradition of teaching and studying law from a social science perspective, are designed to introduce foreign students to the central issues concerning the operation of law in the modern world. The primary aim is to explore the historical, social and political context of a modern legal system. The programmes are specially constructed for college students or immediate college graduates who are interested in learning about the role of law in society, or in getting an introduction to legal techniques. They are not intended to duplicate a freshman year in law school.

There are two programmes: a Pre-Law Semester (running from September to December of each year) and a Pre-Law Year (three terms from October to June of each year). A prospectus is available on request from The Assistant Registrar (Admissions).

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.

Regulations for Students

Preamble

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

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

Alterations and Additions

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

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

General

4. No student of the School shall:

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

Academic Matters

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

The Press

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

Public Statements

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

Copyright in Lectures

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

Misconduct

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

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

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

Penalties for Breaches of Regulations

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

Reprimand.

A fine not exceeding £25.

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

Expulsion from the School.

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

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

Reprimand.

A fine not exceeding £25.

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

Disciplinary Procedures

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

Should the Academic Secretary be satisfied that a *prima facie* case exists, he will refer the complaint to the Director, or to another person authorised by the Director, and the Director or such person shall decide whether the complaint shall be proceeded with, and, if so, whether before a Summary Tribunal or before a Board of Discipline. In deciding whether proceedings shall take place before a Summary Tribunal or a Board of Discipline the Director or the person authorised by him shall have regard to the seriousness of the alleged misconduct. Where the decision is made to proceed the Director or the person authorised by him shall formulate the charge or cause it to be formulated, and convene a Summary Tribunal or Board of Discipline as the case may require.

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

Provided that

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

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

Provided that

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

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

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

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

20. Subject to Regulation 15, a Summary Tribunal shall consist of two academic members of the Disciplinary Panel and one member of the Student Disciplinary Panel. The Chairman of a Summary Tribunal shall be appointed from the

Disciplinary Panel by the person convening the Tribunal. The decision of a Summary Tribunal shall be by a majority. At least seventy-two hours before a Tribunal meets, the student alleged to have committed a breach of these Regulations shall be informed in writing of the date of the hearing and of the nature of the breach which he is alleged to have committed. At the hearing of the Summary Tribunal he shall be entitled to be represented by an advocate of his own choice, who may be a lawyer. He or his representative shall be entitled to cross-examine any witness called, and to call witnesses in his defence. He shall further be entitled to give evidence and to address the Tribunal in his defence. The Summary Tribunal shall report its findings and the penalty (if any) imposed in writing to the student concerned and to the Director.

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

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

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

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

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

Student Members of Rules and Regulations Committee

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

Student Disciplinary Panel

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

Academic Members of Disciplinary Panel

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

Miscellaneous

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

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

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

31. Until the first Disciplinary Panel has come into existence a Summary Tribunal shall be duly constituted if its members (other than the student) consist of two members of the academic staff appointed by the person convening the Tribunal, and a Board of Discipline shall be duly constituted if its Chairman has been

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

32. Rules and Instructions issued under these Regulations shall be deemed part of the Regulations. All Rules in force immediately before these Regulations come into force shall remain valid and shall be deemed part of these Regulations until they have been amended, altered or cancelled under the provisions of Regulation 3.

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

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

Fees

1 The fees stated are payable for the academic year 1981-82. They may not apply thereafter.

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

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

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

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

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

5 Separate fees are payable by students from overseas.

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

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

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

¹Composition fees do not include the cost of field work or practical work required to be undertaken in vacation or term time.

²The first entry to all examinations required by the regulations of a student's course is covered by the composition fee. Students needing information about re-entry fees for examinations should enquire at the Registry or Graduate School Office.

Full-time Students

| Sessional Fees | HOME AND EEC | OVERSEAS | |
|--|--------------------|------------|---|
| | | in 1981 | beginning in 1980 before 1980 |
| All first degrees | | | |
| General Course | | | |
| Trade Union Studies | £900 | £2700 | £2500 £1389 |
| *M.Sc. Demography | £1320 | £3000 | £3000 — |
| *M.Sc. and Diploma in Social Planning in Developing Countries | £1320 | £3000 | £3000 — |
| M.Sc. in Sea-Use, Law, Economics and Policy- Making | £3000 | £3000 | £3000 — |
| School Diploma in Systems Analysis and Design | £3000 | £3000 | £3000 — |
| LL.M. | £1320 | £2500 | £2500 — |
| All other higher degrees School diplomas, University diploma and research fee | £1320 | £2700 | £2500 £1803 |

Part-Time Students

| Sessional Fees | HOME, EEC AND OVERSEAS | beginning | |
|-------------------------------------|------------------------|------------|------------------------------|
| | | in 1981 | in 1980 before 1980 |
| †First degrees (where applicable) | | £250 | |
| All higher degrees | | £500 | £375 £201 |
| Research fee | | £500 | £375 £201 |
| Continuation Fee: Home and Overseas | | £135 | £135 £84 |

* These courses were initiated with the help of funds provided by Foundations. They are now supported through sponsorship by government and other official agencies. The School is prepared to consider applications for a small number of bursaries from private candidates who are unable to afford the fees for these courses.

† Part-time Registration

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

Students Registered with the Graduate School

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

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

Fees for Occasional Students

Approved students are admitted on payment of appropriate fees, the amounts of which will be quoted on request. For general guidance it may be stated that the fee for most courses is £1 per hour. Thus, for example, the fee for a course of ten lectures of one hour each is £10.

Scholarships, Studentships, Prizes, Bursaries

The pages immediately following give particulars of the scholarships, studentships, prizes and bursaries available to students hoping to study or already studying at the School. The information relating to them is correct at the time of going to press, but may be amended in the light of subsequent developments. Intending candidates for undergraduate awards should enquire at the Registry and those for graduate awards at the Graduate School Office.

Information about Local Authority Awards may be found in the *Handbook of Undergraduate Courses* 1982-83, available from the Registry and the Undergraduate Admissions Office.

Scholarships and Studentships

These awards are arranged in the following categories:

(a) **Special awards** available to students following a course in the department of Social Science and Administration.

(b) **Undergraduate awards** open only to students already studying at the School. They are normally awarded on the results of a first or second-year 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 or to undertake research or advanced study.

(d) **Awards open to both undergraduates and graduates:**

(i) The S. H. Bailey Scholarship in International Studies (see page 149)

(ii) The Scholarship in International Law (see page 149)

THE LSE 1980s FUND

The School has created a number of schemes to enable well qualified students to come to the School in the 1980s. These include full studentships; full or partial remission of fees, sometimes associated with duties as teaching assistants or library assistants; loans, travel grants; earmarked support for particular courses for graduates and undergraduates. Certain countries have made awards available through the School for their own students.

Further information may be obtained from the Scholarships Officer, LSE, Houghton Street, London WC2A 2AE.

JAL AIR TICKETS

Through the generosity of Japan Air Lines it is hoped that air tickets to a total value of £3000 a year will be available on their routes to assist students from overseas with the cost of travel to London to take up their places at the School.

Further information may be obtained from the Scholarships Officer.

Entrance Scholarships

1. CHRISTIE EXHIBITION

This exhibition will be offered either annually at £50 or every other year at £100 to students pursuing a course in the department of Social Science and Administration.

2. THE DELIA ASHWORTH SCHOLARSHIP

The Delia Ashworth Scholarship, founded under the will of Miss Mary Isobel Ashworth, may be offered from time to time to enable the holder to follow a diploma course in the department of Social Science and Administration. The value is expected to be about £275 a year.

Note Further information about the awards at 1 and 2 and the Loch Exhibitions awarded by the University of London may be seen in the pamphlet *Department of Social Science and Administration*.

Scholarships for Undergraduates

Provided that candidates of sufficient merit present themselves the School will award annually a number of scholarships to the value of £250 each to students whose work in their first or second years shows outstanding merit.

The scholarships will be allocated to students following first degree courses as follows:

- | | |
|--|---|
| (a) B.Sc. (Econ.): | C. S. Mactaggart Scholarships |
| (b) LL.B. degree B.Sc. in the following Main Fields: Mathematics, Statistics, Computing and Actuarial Science Geography Management Sciences Mathematics and Philosophy Social Anthropology Social Psychology Sociology B.A. degree with Honours in: Geography History French Studies Social Anthropology B.Sc. degree in Social Science and Administration | } Three School Undergraduate Scholarships |
| (c) B.Sc. Econ. and LL.B degrees | |

Regulations for Undergraduate Scholarships at (a), (b), and (c):

- (i) They shall normally be open only to registered students of the School who have completed not less than one year of a first degree course at the School.
- (ii) Awards shall be made only if there are candidates of sufficient merit.
- (iii) Except in the case of the scholarship awarded by the Institute of Chartered Secretaries and Administrators which is tenable for one year only, the scholarships shall be tenable for one or more years, extension beyond the first year being dependent upon the high standard of progress required of a School scholar.
- (iv) Students who have completed at least one year of a degree course will be considered automatically. Selected candidates may be required to attend for interview at the beginning of the Michaelmas term of their second or third years.

HAROLD LASKI SCHOLARSHIP

A scholarship in memory of Professor Harold Laski will be offered for award annually to second and third-year undergraduate students working within the Government department. It will be awarded to the student who, in the opinion of the convener of the department, has written the best essay during the current session. Essays will be submitted through tutors within the department by the beginning of the Summer term.

The value of the scholarship will be the income of the fund for the preceding year and will normally be about £100.

Undergraduates will be considered automatically and the successful candidate will be informed. An award will be made only if there is a candidate of sufficient merit.

LILIAN KNOWLES SCHOLARSHIP

An undergraduate scholarship will be offered by the School annually. The value of this scholarship will be the income of the fund for the preceding year and will normally be about £100.

It will be awarded on the results of Part I of the B.Sc. (Econ.) examination to the student of the School intending to offer Economic History as his special subject in Part II of the examination and achieving the best results among such students in Part I of the examination as a whole. An award shall be made only if there is a candidate of sufficient merit.

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

BRYCE MEMORIAL SCHOLARSHIP

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

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

CLOTHWORKERS' COMPANY'S EXHIBITIONS

The Clothworkers' Company has established one or more annual exhibitions. The value is variable, but will normally be £80 a year.

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

METCALFE SCHOLARSHIP

A scholarship, founded under the will of Miss Agnes Edith Metcalfe, is awarded annually by the University of London, provided a candidate of sufficient merit presents herself. The value of the scholarship is at present £100 per annum.

The conditions for this scholarship are:

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

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

STERN SCHOLARSHIPS IN COMMERCE

Two Sir Edward Stern Scholarships will be offered annually, of the value of not less than £125 each. They will be tenable for one year.

The Scholarships will be awarded on the basis of results of the final examination for the degree of B.Sc. (Econ.) or B.Sc. by course units in the Faculty of Economics. The Scholarships will be held during a course of postgraduate study at the University in a field of commercial interest.

No application is required.

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 offered from time to time. The scholarship will be of the value of £40 a year.

The conditions for this scholarship are:

1. The scholarship is open to any student working as an internal student of the University for the B.Sc. (Econ.) (with the special subject of Government or Sociology), the B.Sc. (Sociology), the B.A. degree in Sociology, or the B.A. degree in Psychology or the B.Sc. degree in the Faculty of Science with main field

Social Psychology, or the B.Sc. degree in the Faculty of Economics with main field Social 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, Senate House, WC1E 7HU, 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.

Graduate Studentships

All students are advised that competition for these studentships is very keen. They should not come to the School in the expectation of securing an award. They must have sufficient resources to maintain themselves for their course of study at the School. Many awards are not made until the beginning of the session for which they are offered and final selection is by competitive interview at the School.

C. K. HOBSON STUDENTSHIPS IN ECONOMICS

Graduate Studentships in Economics founded in memory of Mr. C. K. Hobson, a former student of the School, may be offered for full-time advanced study in Economics.

The regulations for these studentships are:

1. They shall be open primarily to graduates of United Kingdom universities with first or good second class honours degrees in Economics, or other appropriate subjects, who obtain such degrees in the year of award.
2. Each studentship shall be tenable for one year in the first instance.
3. Each studentship shall provide a contribution towards maintenance costs, together with all appropriate fees.
4. Each holder of a studentship shall be required to register as a full-time student in the Graduate School and to follow a prescribed course of study.
5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

Applications should be made by letter to the Secretary of the Graduate School by 1 March.

Those who have already applied for admission to the School *and have stated on their application form that they wish to be considered for one of these studentships* need take no further action.

GRADUATE STUDENTSHIPS

(These regulations are under review)

The School may offer annually a number of studentships for graduate work in the social sciences.

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. In 1981 each studentship shall cover School fees and may also include a maintenance grant or an honorarium.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. The holder of a studentship which includes a maintenance grant shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

5. Each studentship shall be tenable for one year in the first instance, but may be renewed for a second year subject to satisfactory progress.

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

Applications should be made on a form obtainable from the Secretary of the Graduate School to whom it must be returned by 1 September. Candidates should submit an outline of their proposed programme of advanced study or research and are also invited to send original work, either published or in typescript, in support of their application.

GRADUATE STUDENTSHIPS IN SOCIAL STUDIES

(These regulations are under review)

Owing to the generosity of an anonymous donor who wishes to promote Anglo-Japanese friendship, the School may offer annually, for a limited period, two studentships for graduate work in fields of study available at the School.

The regulations for these studentships are:

1. They shall be open to graduates of any university.
2. Each studentship shall cover School fees and may also include a maintenance grant or an honorarium.
3. Successful candidates shall be required to register as full-time students of the School and to obtain the approval of the Director for the advanced study or research which they propose to undertake.
4. The studentships shall be tenable for one year in the first instance.
5. Awards shall be made only if there are candidates of sufficient merit.
6. The holder of a studentship which includes a maintenance grant shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

Applications should be made on a form obtainable from the Secretary of the Graduate School to whom it must be returned by 1 September. Candidates should submit an outline of their proposed programme of advanced study, or research and are also invited to send original work, either published or in typescript, in support of their application.

SUNTORY-TOYOTA STUDENTSHIPS

The School may offer annually, for a limited period, studentships for research work in fields of study for which the International Centre for Economics and Related Disciplines was established, as defined below.¹

The regulations for these studentships are:

1. The Studentships shall be open to persons registered for the M.Phil. or Ph.D. degrees of the University of London. Studentships shall also be open to those registered for an equivalent qualification at another educational institution of university rank provided that they are or will be engaged in research at the School.
2. Successful candidates shall be required to register as full-time students of the School for as long as they hold a studentship and to obtain the approval of the Director for the research which they propose to undertake.
3. Awards shall be made only if there are candidates of sufficient merit.
4. Each studentship shall cover School fees and may also include a maintenance grant or an honorarium.

¹ (i) Research into applied economics and related fields, including especially studies of the Japanese economy, comparative studies involving Japan and other economies (notably the United Kingdom and other countries of the European Community).

(ii) Research into studies of economies in which Japan has a major trading or political interest.

(iii) Theoretical work leading to the above ends.

(iv) Historical, sociological, legal, political and other work leading to the above ends.

5. Each studentship shall be tenable for one year in the first instance but may be renewed for a second year subject to satisfactory progress.

6. The holder of the studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 a year.

Applications shall be made on a form obtainable from the Secretary of the Graduate School to whom it must be returned by 1 September.

Candidates should submit an outline of their proposed programme of research and are also invited to send original work, either published or in typescript, in support of their application.

THE MORRIS FINER MEMORIAL STUDENTSHIPS

One or more Morris Finer Memorial Studentships founded by friends and colleagues of the late Sir Morris Finer, Chairman of the Court of Governors of the School at the time of his death in 1974, may be offered from time to time to enable holders to pursue research in a field within Sir Morris's interests, as indicated in paragraph 4 below.

The regulations for these studentships are:

1. They shall be open to students who are graduates of any university or who possess the necessary qualifications to undertake research.

2. The studentship shall be of approximately the same value as United Kingdom Government awards (maintenance and tuition fees).

3. Each studentship shall be tenable for one year in the first instance from October of the year of award but may, in a limited number of cases, be extended for not more than two further years.

4. In awarding the studentships, the School shall have regard to the desire of those who founded the endowment by giving preference to those students who wish to undertake research, either contemporary or historical, in a socio-legal field connected with Labour Law, Social Services Law, Criminal Law, Family Law, Welfare Law, Criminology, Social Administration, Sociology, or in any other area of law, sociology or social administration which in the opinion of the School may be considered to be connected with Sir Morris's interests.

5. Successful candidates shall be required to obtain the approval of the Director in respect of the research which they propose to undertake.

6. The holders of a studentship shall either be registered as full-time graduate students of the School in which event they shall undertake no paid employment without the permission of the Director or shall be students of graduate standing not registered for a higher degree in any university nor in full-time employment.

7. Where funds permit, small research grants may be awarded to research degree students or students of graduate standing in any of the fields indicated in paragraph 4 above to meet expenses, for example, for field-work, photocopying, travel.

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

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

THE JACKSON LEWIS SCHOLARSHIP

The Jackson Lewis Scholarship, founded under the will of Mr. H. L. Jackson, a former student, will be offered every other year to assist the holder to undertake graduate work in the social sciences; the next scholarship may be offered in 1981.

The Regulations for this scholarship are:

1. It shall be open to graduates of any university.

2. The scholarship shall be of the value of at least £600 a year.

3. The successful candidate shall be required to register as a full-time student of the School and to obtain the approval of the Director for the advanced study or research which he proposes to undertake.

4. Subject to satisfactory progress the scholarship shall normally be tenable for two years.

5. An award shall be made only if there is a candidate of sufficient merit.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application.

MONTAGUE BURTON STUDENTSHIPS IN INTERNATIONAL RELATIONS

(These regulations are under review.)

With the endowment provided by the late Sir Montague Burton and with additional funds donated by his daughter and three sons, the School offers annually two or more graduate studentships, each of the value of at least £800 to enable the holders to pursue research or to read for a higher degree in International Relations under the direction of the Montague Burton Professor of International Relations.

The regulations for these studentships are:

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

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

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

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

5. In exceptional circumstances, the School may decide to give an additional grant to one or both holders of these studentships.

Applications for the awards should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September.

HUTCHINS STUDENTSHIP FOR WOMEN

A studentship for women students will be offered for award every fourth year. Its value will be the income of the Hutchins Fund for the four preceding years and will normally be about £500. 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 the social sciences. The next studentship may be offered in 1983.

The regulations for this studentship are:

1. The studentship shall be open to women students who are graduates or who possess the necessary qualifications to undertake research.

2. The subject of research shall be approved by the Director of the School.

3. Each holder of the studentship shall be required to register as a full-time student of the School and shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.

4. The studentship shall be tenable for one year only.

5. The studentship shall be awarded only if there is a candidate of sufficient merit. If there is no such candidate, the studentship shall be offered for award in the next following session; but this shall not affect the value of the studentship awarded on

that occasion or the date of the next regular offer.

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September.

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 from time to time as funds permit. The studentship is designed for students of graduate standing. It is not conditional upon registration for a higher degree.

The studentship will be of the value of up to £1000, and will be tenable with other emoluments. In years in which the full studentship is not awarded, applications for grants may be considered.

The regulations for this studentship are:

1. The student shall be elected by a Selection Committee appointed by the Committee of Management.
2. The studentship shall be open equally to men and women.
3. The studentship shall be tenable from October of the year of the award for one year.
4. Candidates for the studentship must submit, with their applications, full particulars of their qualifications, the names of two referees and a brief scheme of study of some subject in Social or Economic History. Preference will be given to candidates who propose to undertake research in the Economic or Social History of some country other than the country of their usual residence.
5. If a student registered at the School holds this studentship, he shall undertake no paid employment without the permission of the Director. Appropriate deductions may be made from the value of the studentship in any case where the total income from all other sources exceeds £1000 per annum.

Enquiries should be addressed to the Secretary of the Graduate School.

REES JEFFREYS STUDENTSHIP IN TRANSPORT

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

The regulations for this studentship are as follows:

1. It shall be open both to men and women who are graduates of a university, and also to persons who are or have been engaged in the operation or administration of transport, the construction of transport facilities or the manufacture of transport equipment.
2. The field for research or study shall be in subjects relating to the economics of transport, and to the balanced development of the various forms of transport.
3. The holder of the studentship shall be required to register at the School as a full-time student and to undertake advanced study or research; his programme of work must have the approval of the Director.
4. The value of the studentship shall not exceed £3,000 a year (from which fees at the current rate will be deducted).
5. The holder of a studentship shall undertake no paid employment without the permission of the Director. Appropriate deductions will normally be made from the value of the studentship in any case where the total income from all other sources exceeds £700 per annum.
6. The studentship shall be tenable at the School for one year in the first instance, but can in appropriate circumstances be renewed for a second year.

Applications for the studentship should be made on a form obtainable from the Secretary of the Graduate School to whom it should be returned by 30 April.

ROSEBERY STUDENTSHIP

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

A Rosebery Studentship of the value of at least £300 a year will be offered for award by the School for graduate work in the social sciences. Preference will be given to candidates including some aspect of transport in their studies.

The regulations for this studentship are:

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

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application.

ACWORTH SCHOLARSHIP

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

An Acworth Scholarship of the approximate value of £400 a year will be offered for award by the School for graduate work relating to inland transport subjects.

The regulations for this scholarship are:

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

Applications should be made on a form obtainable from the Secretary of the Graduate School, to whom it must be returned by 1 September, together with the names of two referees. Candidates should submit an outline of their proposed programme of study or research and are also invited to send original work, either published or in typescript, in support of their application.

S. H. BAILEY SCHOLARSHIP IN INTERNATIONAL STUDIES and SCHOOL SCHOLARSHIP IN INTERNATIONAL LAW

(These two scholarships are open to undergraduates and graduates.)

These two scholarships are offered for award in alternate years. Each is of the value of £100. They are open to men and women who are regular students and who, as internal students of the University of London, are registered for first or higher degrees at the School. They are intended to contribute to enabling the successful students to attend a session at the Academy of International Law at The Hague, or, in the case of the S. H. Bailey Scholarship, to attend any other institute of international study or to gain experience of some suitable international organization on a plan to be approved by the Director. They will be awarded only if there are candidates of sufficient merit, and candidates should make a written application to the Registrar before 1 May in the year of award.

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

and not more than £500 in the case of a full-time student, and not less than £60 in the case of a part-time student. Candidates who do not know the result of their degree examinations may make provisional application.

The conditions of eligibility and award for this studentship are:

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

Applications should be made on a form obtainable from the Secretary of the Graduate School to whom it must be returned by 1 September.

LEON FELLOWSHIP

1. The Leon Fellowship has been founded under the will of Mr. Arthur Lewis Leon for the promotion of postgraduate or advanced research work in any subject, but preferably in the field of Economics or Education. The fund will be administered by the Leon Bequest Committee, hereinafter referred to as the Committee.
2. The following provisions are fundamental in the management of the fund:
 - (a) No qualifications or conditions of religious, political or economic opinions, party or creed, or of race or nationality, sex or marriage shall be attached to the grant or holding of any studentship or fellowship or the receipt of any grant or stipend.
 - (b) No part of the income of the Trust fund shall be applied in payment of the costs of the printing and publication of reports and such like matters (other than such reports or accounts as are hereby expressly provided for and the reports or treatises of any holder of any studentship or fellowship or recipient of any grant or stipend).
 - (c) The benefits of the Trust Fund shall be open equally to men and women without limit of age whether or not they are members or graduates of any university and shall not be confined to residents within the Administrative County of London or within the appointed radius of the University.
3. The Fellowship will be of the value of not less than £2,250 a year plus composition fees and will be awarded from time to time as advertised in the public press. The award will be made for one year in the first instance, but may be renewed for a second year.
4. Candidates for the fellowship need not be members or graduates of a university, but must be in possession of qualifications which would enable them to undertake research of the kind indicated in section 1 above.
5. Candidates must submit a scheme of work for the consideration of the Committee; selected candidates may be required to attend at the University for an interview with the Committee.
6. Applications must be typewritten, and made in the following form:
 - (a) Name in full; age; address; present occupation
 - (b) Qualifications for research and titles of any published work
 - (c) Short particulars of education and previous career
 - (d) Nature of proposed research
 - (e) Grants received, if any, for same object
 - (f) Place where it is proposed to carry out the research
 - (g) Names and addresses of not more than two persons to whom reference may be made

(h) Any additional information which the candidate may desire to give in support of his application, in as short a form as possible.

7. The fellowship will be awarded by the Committee, who may obtain the assistance of such assessors as they consider necessary.
8. The amount of the fellowship will be paid in instalments at such times as may be decided in each case, each instalment (with the exception of the first, which will be paid in advance) being payable only on receipt by the Committee of evidence that the holder of the fellowship is satisfactorily pursuing his research.
9. The Fellow will be required at the expiration of the tenure of the fellowship to make a report to the Committee, and all published papers containing the results of researches carried out with the aid of the fellowship shall include a statement to the effect that the author is a Leon Fellow of the University of London.
10. Applications must be received by the Secretary, Scholarships Committee, Senate House, University of London on or before 1 February in the year of the award.

MADGE WALEY JOSEPH SCHOLARSHIP

1. The Madge Waley Joseph Memorial Postgraduate Scholarship for Women, founded by the friends of the late Mrs. Madge Waley Joseph, of the value of approximately £40 for one year, will be offered annually to a woman student at either Bedford College of the London School of Economics and Political Science, taking a one-year postgraduate course in the Department of Sociology, Social Studies and Economics at Bedford College, or in the department of Social Science and Administration at the London School of Economics, in preparation for subsequent work in social service.
2. The scholarship will be offered alternately in Bedford College and the London School of Economics, and candidates must be nominated by the head of the school. Nominations must reach the Secretary to the Scholarships Committee not later than 30 November in the year of award.

VERA ANSTEY MEMORIAL AWARD

In 1978, following an appeal for donations, a fund in honour of Dr. Vera Anstey to mark and commemorate her work at the School, was established. This fund is available to provide grants to students of the School from time to time as funds permit. Regard will normally be had to Dr. Anstey's special interest in India, Pakistan, Bangladesh and Sri Lanka. Students seeking help from this fund should apply to the Scholarships Officer.

CENTRAL RESEARCH FUND

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

Further information may be obtained from the Secretary, Central Research Fund, University of London, WC1E 7HU.

PUBLIC AWARDS FOR HOME STUDENTS

Public funds to support British postgraduate students are available through a number of different organizations, each of which is responsible for a group of subjects. The organizations responsible for subjects offered at the School are listed below. Some major principles are agreed between them, or are laid down by the Government, e.g.:—students may not apply directly to the grant-awarding body,

but should approach the appropriate academic institution, which will decide whether or not to nominate them for an award;

– awards are normally only available to students who have been resident in Britain for a specified period, and who hold a British degree;

– no student may normally receive more than three years' public funding for postgraduate study, nor may public funding normally be used to extend full-time postgraduate study (however funded) beyond four years at the most.

However, each funding body has its own procedures, and especially its own closing date for nominations. Students are advised to consult the regulations published by the body responsible for awards in the subjects they wish to study. In particular, students intending to read for research degrees are advised to consider whether their proposed research may lie on the boundary between subjects for which different organizations are responsible, and to ask the relevant organizations to decide which of them would be the appropriate source of funds. This is particularly important where a research subject may be the responsibility of the D.E.S., as their closing date (1 May) is much earlier than that of other bodies, and their application procedure is also different.

The awards listed below normally cover fees and a means-tested maintenance grant on a standard scale, like local authority grants for undergraduates. However, *unlike* undergraduate grants, awards for postgraduate study do *not* follow automatically on admission.

SOCIAL SCIENCE RESEARCH COUNCIL

The Social Science Research Council offers studentships for research or advanced course work in the social sciences, including the following subjects:

| | |
|-----------------------------|------------------------------------|
| Accounting and Finance | International Relations |
| Anthropology | Operational Research (Option B) |
| Demography | Politics |
| Economics | Regional Planning |
| Econometrics | Social Psychology |
| Economic and Social History | ² Social Administration |
| ¹ Geography | Sociology |
| Industrial Relations | Statistics |

Applicants for S.S.R.C. studentships must normally hold a Second Class (Upper Division) honours degree, or a Master's degree of a U.K. university or of the C.N.A.A. and either they or their parents or their spouse must have been ordinarily resident in Great Britain (*not* Northern Ireland or the Isle of Man, where students should apply to their local Education Department) for at least three years immediately prior to the commencement of postgraduate study. If neither parent has been so resident, the three-year qualifying period must exclude any period of full-time higher education. Periods spent abroad by the applicant, either parent or the spouse in temporary employment or study abroad will not be regarded as interrupting residence in Great Britain.

S.S.R.C. studentships are allocated in two ways: most are allocated to a specific course or department at the School ("quota" awards), and the remainder are allocated by the S.S.R.C. in a national competition among the "pool" of candidates who do not have quota awards. Candidates must be nominated for an award by the institution at which the award is to be held: *they may not apply direct to the S.S.R.C.* Candidates are asked to state, when applying for admission to the Graduate School, if they wish to apply for an S.S.R.C. award; they will then be considered for nomination for a quota or pool award, as the School considers appropriate. The S.S.R.C. does not normally confirm awards until mid-September at the earliest.

¹ Excluding Cartography and Physical Geography.

² Excluding Social Work Studies.

SCIENCE RESEARCH COUNCIL

The Science Research Council awards scheme is similar to the S.S.R.C.'s scheme; these awards are mainly made for the M.Sc. in Mathematics, the M.Sc. in Operational Research (Option A) and the M.Sc. in the Analysis, Design and Management of Information Systems.

Candidates who wish to apply for an S.R.C. award should indicate the fact when applying for admission to the Graduate School.

DEPARTMENT OF EDUCATION AND SCIENCE

The Department of Education and Science offers awards for research or advanced course work in the Humanities, including History (excluding Economic and Social History), Language Studies, Law and Philosophy.

These awards are open to graduates or intending graduates of British universities or of the C.N.A.A. Candidates should have been ordinarily resident in the U.K., the Channel Islands or the Isle of Man for three years immediately before their graduate studies began. (Residents of Scotland should apply to the Scottish Education Department who operate a similar scheme, and residents of Northern Ireland, the Channel Islands and the Isle of Man should likewise consult their respective education authorities.)

Awards are made by the D.E.S. each summer on the basis of recommendations made during the Lent Term by the universities. Students must apply through the institution at which they are currently registered or where they took their first degree: L.S.E. students who wish to apply for a D.E.S. award should apply to the Registrar during the Lent Term. *They may not apply direct to the D.E.S.*

Prizes

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

Allyn Young Prize

In memory of the late Professor Allyn Young, a prize in books will be awarded annually to a student who has passed Part I of the B.Sc. (Econ.) examination, for the best performance in two papers one of which must be taken from the following papers in Group I: (a) Economics A; (b) Economics B; (c) Introduction to Mathematical Economics; and the other either from the following paper in Group II: Basic Mathematics for Economists or from the following papers in Group III: (a) Basic Statistics; (b) Elementary Statistical Theory. The value of the prize will normally be about £15. It will be awarded only if there is a suitable candidate.

Prizes in Accounting and Finance

Prizes in Accounting and Finance will be offered to first, second and third year undergraduates who are respectively judged to be (i) the best of the year (ii) the second best of the year in specified examinations of the B.Sc. (Econ.) degree, as follows:

| | |
|-------------------------------------|------------------------------------|
| The Peats Prizes | Elements of Accounting and Finance |
| The Arthur Andersen Prizes | Accounting and Finance I |
| The Deloitte Haskins + Sells Prizes | Accounting and Finance II |

The value of the prizes in each year will be £60 for the best performance and £40 for the second best performance, partly in books and partly in cash.

These prizes will be awarded only if there are suitable candidates.

Hughes Parry Prize

The Hughes Parry Prize, of books to the value of about £50, may be awarded annually to a regular student of the School achieving an outstanding performance in the subject of Law of Contract in the College Intermediate examination in Laws. This prize commemorates the work of the late Sir David Hughes Parry, Professor of English Law from 1930 to 1959 and first Director of the Institute of Advanced Legal Studies.

Maxwell Law Prize

Messrs Sweet and Maxwell Limited offer an annual prize consisting of books, published by themselves, to the value of £75, to a student reading for the LL.B. degree at the School who shows conspicuous merit in the Part I examination. Candidates¹ must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

Morris Finer Memorial Prize in Law

A prize of £100, founded by friends and colleagues of the late Sir Morris Finer, Chairman of the Court of Governors of the School on his death in 1974, may be awarded annually to a student reading for the LL.B. degree at the School who, in the opinion of his teachers, achieves a sufficiently meritorious performance at Part I of the LL.B. degree examination. Candidates must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

Raynes Undergraduate Prize

A prize in books, provided through the generosity of the late Mr. Herbert Ernest Raynes, will be awarded annually to the student of the School who obtains the best

marks in Part II of the B.Sc. (Econ.) final examination. The value of the prize will be the income of the fund for the year preceding the award, and will normally be about £35.

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. It will be awarded for proficiency and merit in the special subject of Statistics or Computing¹ at Part II of the B.Sc. (Econ.) final 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 original provision was made for the prize to consist of a silver medal and books. In years in which the fund is insufficient to cover the cost of both medal and books, the successful candidate will be consulted about arrangements for the prize, the value of which will not exceed the preceding year's income of the Fund, approximately £25.

The Gonner Prize

A prize is offered annually in memory of the late Professor Sir Edward Gonner, Professor of Economic Science in the University of London from 1891 to 1922, and Director of Intelligence in the Ministry of Food from 1917 to 1921. The value of the prize will be the income of the fund for the year preceding the award and will normally be about £15. It will be awarded to the student who shows conspicuous merit in the special subject of Economics, Analytical and Descriptive, or Mathematical Economics and Econometrics, or Monetary Economics, or Industry and Trade, or International Trade and Development, or Economic Institutions and Planning in Part II of the B.Sc. (Econ.) degree final examination. The prize will be given in books, and is restricted to registered students of the School who have pursued a course of study at the School as internal students of the University. It will be awarded only if there is a suitable candidate.

The George and Hilda Ormsby Prizes

Three prizes will be offered annually in memory of Dr. Hilda Ormsby and her husband George Ormsby and will be open to students in the Department of Geography who are registered as Internal students of the University of London:

- (i) A prize to the value of £40 will be awarded to the candidate whose performance is judged the best, either in the B.Sc. (Econ.) Part II examination with Geography as the special subject, or in the examination for the B.A./B.Sc. degree by course units in the Main Field of Geography.
- (ii) A prize to the value of £40 will be awarded for the best piece of original work submitted by a student in the Department of Geography during his undergraduate course; students will be allowed to submit, for example, work completed for the independent geographical study offered as part of the honours course, original field work, work published in *Horizon* or elsewhere, or other original geographical work completed during the undergraduate course. Submissions for this prize will normally be required by 1 June each year.
- (iii) An Ormsby Prize for Graduate Students to the value of about £50 a year may be awarded to a student reading for a higher degree (M.Sc., M.Phil., Ph.D.) in Geography. Students with specific projects involving travel, field survey or other research purposes will be considered but preference may be given to students unable to obtain financial assistance for their projects from other sources. Application should be made to the Convener by 1 March each year.

These awards will be made only if there are candidates of sufficient merit.

¹No student who has received a Maxwell Law Prize shall be eligible to receive a second Maxwell Law Prize.

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

Maurice Freedman Prize for Undergraduates

Owing to the generosity of Mrs. Judith Freedman and the friends of the late Professor Maurice Freedman, student and teacher at the School between 1946 and 1970 and Professor of Social Anthropology at the School from 1965 to 1970, a prize of about £50 may be offered annually in his memory. The prize will be awarded to a student registered for a first degree in Social Anthropology who is judged to have submitted the best dissertation for the special essay paper in Social Anthropology prepared in the third year of the degree course.

The prize will be awarded only if there is a suitable candidate.

S. W. Wooldridge Memorial Awards

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

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

Geoids Book Prize in Memory of S. W. Wooldridge

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

Premchand Prize

A prize of about £65 awarded through the generosity of Sir Kikabhai Premchand of Bombay, is offered annually to a student who shows conspicuous merit in the special subject of Monetary Economics at Part II of the final B.Sc. (Econ.) examination. The prize is restricted to registered students of the School whose course of study has been pursued as internal students of the University. It will be awarded only if there is a suitable candidate.

The Bassett Memorial Prizes

Two prizes will be offered annually in memory of Professor R. Bassett, Professor of Political Science: (i) a prize of books to the value of £30 to the regular student of the School who, as a candidate for the B.Sc. (Econ.) degree, with Government or Government and History, as his special subject, is judged to be the best of his year; special consideration will be given to conspicuous merit in the paper or papers relating to the government of Great Britain; (ii) a prize of books to the value of £20 to the Trade Union student who is judged to have achieved the best performance of his year in Trade Union Studies. The awards will be made only if there are suitable candidates.

Hobhouse Memorial Prize

A prize of about £50 in books is offered annually in memory of the late Professor L. T. Hobhouse, Martin White Professor of Sociology at the School from 1907-1929. The prize will be awarded to a student who shows conspicuous merit in the final examination for the B.Sc. degree: Main Field Sociology, or the B.Sc. (Econ.) with Sociology in Part II of the final examination. Candidates must be regular students of the School who are also internal students of the University. The award will be made only if there is a suitable candidate.

Mostyn Lloyd Memorial Prize

The Committee of the Mostyn Lloyd Memorial Fund offers annually a prize of

about £35 in memory of the late Mr. Mostyn Lloyd, who was head of the department of Social Science from 1922 until 1944. It is awarded by the Director, on the recommendation of the Convener of the department of Social Science and Administration, to the best all-round student or students obtaining the Diploma in Social Administration in each year. Both academic achievement and practical work are taken into consideration. The prize will be awarded only if there is a suitable candidate.

The Janet Beveridge Awards

Two prizes are offered annually by the Trustees of the Janet Beveridge Memorial Fund: (i) a prize in books of about £50 to a regular student of the School who, being an internal student of the University, achieves conspicuous merit in the final examination for the B.Sc. degree in Social Science and Administration; (ii) a prize in books to the value of about £50 to a student who shows conspicuous merit, in either the first or second years of this degree course. The award will be made only if there are suitable candidates.

School Prize for Mathematicians

For a number of years the School offered entrance scholarships for mathematicians derived from funds donated by a number of industrial and business firms. The income from the residue of this fund enables the School to offer annually a prize in books to the value of £75 for excellence in mathematical subjects in the final examination for the B.Sc. degree by course-units in any of these fields: Mathematics, Statistics, Computing, Actuarial Science and Management Sciences.

Candidates must be regular students of the School who are registered as Internal students of the University of London. The prize will be awarded only if there is a suitable candidate.

Gladstone Memorial Prize

The Trustees of the Gladstone Memorial Trust offer an annual prize of £100 for the best dissertation on a subject, within the terms of the Trustees' formula, submitted as part of the examination for a taught Master's degree at the School. The formula requires that the subject of the dissertation 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 for a Master's degree in the session preceding the date of entry which will be 1 July in each year.

Candidates wishing to compete should inform the Secretary of the Graduate School not later than 1 July each year.

Bowley Prize

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

The value of the prize will be the income of the fund for the three years preceding the award and will normally be about £60.

It will be open to present or past regular students of the School who have been registered for a period of at least two years and, if graduates, are within ten years of their first graduation at any university. The prize will be offered for written work in the field of economic or social statistics completed within four years prior to 1 January 1981. It will be awarded only if an adequate standard of excellence is attained.

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

Candidates wishing to submit work for consideration by the Committee should send it to the Secretary of the Graduate School by 1 January 1984.

The Firth Awards

One or more prizes to a total value of about £125 will be offered annually to graduate students in the department of Anthropology for the best paper of the year contributed to a seminar in the department. The award will be made by the Director on the recommendation of the Convener and senior members of the department.

Awards will be made only if papers of suitable merit are contributed.

Ely Devons Prizes

Two prizes, each of the value of about £60, will be offered annually in memory of the late Professor Ely Devons. One prize will be awarded to the regular student of the School who, as a candidate for the M.Sc. degree in Economics, is judged to be the best of his year; the other to the best candidate for the M.Sc. degree in Econometrics and Mathematical Economics. The awards will be made only if there are suitable candidates.

The Gourgey Prize

Through the generosity of Mr. P. S. Gourgey, a former student of this School, a book prize of the value of about £5 will be offered for award annually to students attending the course in Trade Union Studies. It will be awarded to the student who, in the opinion of his teachers, submits the best project report during the Lent term of each academic year. An award will be made only if there is a candidate of sufficient merit.

Bursaries

The School may offer a limited number of bursaries to assist students to read for first degrees or diplomas or to proceed with advanced study or research. The maximum amount of the bursaries will be equivalent to the tuition fees which the students would otherwise be required to pay.

The regulations for these bursaries are:

1. Bursaries may normally be awarded only to students who have completed at least one year of their course at the School, who can demonstrate financial need and whose academic record shows merit.
2. They shall not be awarded for longer than one year in the first instance.
3. The bursary holder shall follow a course of study or research approved by the Director.
4. Applications must be accompanied by
 - (a) A full statement of the candidate's financial position, showing clearly why he is unable to pursue his studies without financial assistanceand
 - (b) a letter of recommendation from his tutor.
5. Applications should be made on the prescribed form obtainable from the Scholarships Officer.

First Degree Courses

General Information

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

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

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

Bachelor of Science in Economics

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

Geography,

Mathematics, Statistics, Computing and Actuarial Science,

Management Sciences,

Mathematics and Philosophy,

Social Anthropology,

Social Psychology,

Sociology

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

French Studies

Geography

Social Anthropology and Mediaeval History

Bachelor of Arts in History

Bachelor of Laws

Bachelor of Science in Social Science and Administration

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

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

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

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

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

Degree of Bachelor of Science in Economics

Entrance Requirements

The entrance requirements for this degree are set out in the table on page 129.

Course of Study

A student will be eligible to present himself for Part I of the examination after

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

having satisfactorily attended approved courses extending over one academic year, and Part II after having satisfactorily attended approved courses extending over two further academic years.

Details of Examination

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

Methods of Examination

Examiners may test a candidate by means of written papers and an oral examination and at Part I may take into consideration the assessment of work done during his course. At Part II some of the papers may be examined by means of an essay.

Part I

The examination for Part I consists of four papers to be chosen from at least three of the following groups. Provided these requirements are satisfied a paper in an approved foreign language may be substituted for one of the papers listed below.

Part I Subjects

| Group | Papers | Lectures, Classes and Seminars |
|-------|---|--------------------------------|
| I | (a) Economics A | Ec.100-a or Ec.101-a |
| | or (b) Economics B | Ec.102-a |
| | or (c) Introduction to Mathematical Economics | Ec.104-a |
| | (d) Elements of Accounting and Finance | Ac.100-101a, Ac.103 |
| II | (a) Basic Mathematics for Economists | Ec.103-a, SM.100-a |
| | or (b) Elementary Mathematical Methods | SM.102-a |
| | or (c) Introduction to Algebra | SM.101-a |
| | (d) Introduction to Analysis and Set Theory | SM.103-a |
| III | (a) Basic Statistics | SM.200-a |
| | or (b) Elementary Statistical Theory | SM.204-a |
| | (c) Introduction to Logic | Ph.112-a |
| | (d) Introduction to Scientific Method | Ph.100-a, Ph.102 |
| | (e) Theory and Techniques of Spatial Analysis | Gy.103 |
| IV | (a) Modern Politics and Government, with special reference to Britain | Gv.150-a |
| | (b) An Introduction to Political Thought: the Greeks | Gv.100-a |
| | (c) The Language of Politics: An Introduction to Political Theory | Gv.101-a |
| | (d) English Legal Institutions | LL.160-a |
| | (e) The Structure of International Society | IR.101-a |
| | (f) International Law | LL.112, LL.112b |
| V | (a) Modern British Society in Historical Perspective | EH.101-a |
| | or (b) The Economic History of Great Britain and the U.S.A. 1850-1939 | Ec.100-a |
| | (c) Political History, 1789-1941 | Hy.100-a |
| | or (d) World History since 1890 | Hy.101-a |
| | or (e) The History of European Ideas since 1700 | Hy.102-a |

| | | |
|----|--|---|
| VI | (a) Introduction to Sociology | <i>Lectures, Classes and Seminars</i> So.100-a |
| | (b) Introduction to Individual and Social Psychology | Ps.100-a |
| | (c) Introduction to Social Anthropology | An.100-a |
| | (d) Human Geography | Gy.100-a |
| | (e) Introduction to Social Policy | SA.100-a |
| | (f) Population, Economy and Society | Pn.100-a |

Approved Foreign Language

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

| | | | |
|--------|--------|---------|---------|
| French | German | Russian | Spanish |
|--------|--------|---------|---------|

Details of Examination

In the Part I examination a student may be referred in one paper which must normally be passed before the beginning of his third year of study. Instead of resitting the examination in the paper in which he was referred, a student may choose to follow a course of study in a new subject and offer that for examination to satisfy the Part I requirements.

Part II

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

The special subjects are as follows:

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

Details of Examination

In the lists of special subjects which appear on the following pages some papers are marked by an asterisk. Students have the right or the School may require them to be examined in at least two of these papers at the end of the first year of the Part II course. Students may also request permission to be examined in up to two more such papers, with a maximum number of four papers which may be taken in the first year of Part II.

The remaining papers prescribed for a special subject will be examined at the end of the second year of the Part II course.

A student who is unsuccessful in Part II examinations taken at the end of the first year of the Part II course may be permitted by the School to proceed to the final year of the course with re-examination in the paper or papers in which he has failed.

Languages at Part II

The modern foreign languages available at Part II are French, German, Russian and Spanish. Any other language may be approved by the convener of the department responsible for the candidate's Special Subject, provided that appropriate teaching and examining arrangements can be made.

Classification for Honours

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

Class List

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

Special Subjects

The papers prescribed for each special subject are as follows:

I. Economics, Analytical and Descriptive

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| *1. <i>Either</i> (a) Economic Principles or (b) Principles of Economics Treated Mathematically | Ec.111-a |
| 2. <i>Either</i> (a) Problems of Applied Economics or (b) Quantitative Economics | Ec.113-a Ec.112-a Ec.117-120, Ec.123 |
| 3. Advanced Economic Analysis | Ec.131 |
| 4. Public Finance | Ec.137-138, Ec.143(iii) |
| 5. and 6. <i>Two</i> of the following: (a) History of Economic Thought *(b) Labour Economics *(c) Economics of Industry | Ec.130-a Ec.136-a Ec.132-a |

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

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| (d) Economics and Geography of Transport | Ec.149-150, Ec.232 |
| (e) International Economics | Ec.145-a |
| (f) Principles of Monetary Economics | Ec.139-140 |
| (g) Economic Development | Ec.146-a |
| (h) Planning | Ec.148-a |
| (i) Economic Institutions Compared | Ec.147-a |
| * (j) An approved paper taught outside the department of Economics | — |
| (k) Economic Analysis of Law | LL.127-a |
| (l) The Economics of the Welfare State | Ec.144-a |
| *7. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods | SM.230-a Ec.115-a |
| *8. An approved paper taught outside the Department of Economics | — |
| II. Mathematical Economics and Econometrics | |
| *1. Principles of Economics Treated Mathematically | Ec.113-a |
| 2. <i>Either</i> (a) Econometric Methods or (b) Econometric Theory (<i>only if Probability, Distribution Theory and Inference is taken under (6)</i>) | Ec.115-a SM.231-232a |
| 3. Quantitative Economics | Ec.116-120, Ec.122-123 Ec.124 |
| 4. Quantitative Economics II | Ec.124 |
| *5. <i>One</i> of the following: | |
| (a) Elementary Mathematical Methods (<i>if not taken at Part I</i>) | SM.102-a |
| (b) Mathematical Methods | SM.113-a |
| (c) Another approved paper taught outside the Department of Economics | — |
| *6. <i>One</i> of the following: | |
| (a) Elementary Statistical Theory (<i>which must be taken if not taken at Part I</i>) | SM.204-a |
| (b) Probability, Distribution Theory, and Inference | SM.206-207a |
| (c) A further paper taught outside the Department of Economics | — |
| 7. <i>One</i> of the following: | |
| (a) Introduction to Economic Policy | Ec.143 |
| (b) Advanced Economic Analysis | Ec.131-a |
| (c) Public Finance | Ec.137-138, Ec.143(iii) |
| (d) Monetary Systems | Ec.141-142 |
| (e) Economic Institutions Compared | Ec.147-a |
| (f) Labour Economics | Ec.136-a |
| (g) Economics of Industry | Ec.132-a |
| (h) Economic Development | Ec.146-a |
| (i) Planning | Ec.148-a |
| (j) History of Economic Thought | Ec.130-a |
| (k) Economics and Geography of Transport | Ec.149-150, Ec.232 |

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

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| (l) The Economics of the Welfare State | Ec.144-a |
| (m) Theory of Business Decisions | Ec.134-a |
| (n) Game Theory and Economic Applications | Ec.151-a, SM.106(i)-a |
| (o) International Economics | Ec.145-a |
| (p) Principles of Monetary Economics | Ec.139-140 |
| (q) Economic Analysis of Law | LL.127-a |
| (r) Mathematical Economics (<i>only if Mathematical Methods is taken under (5)</i>) | Ec.114-a |
| 8. A further approved paper or, with the approval of the teachers concerned, a course of study designed specially for the student and examinable by means of a project and written examination, taught inside or outside the Department of Economics. | — |
| III. Monetary Economics | |
| *1. <i>Either</i> (a) Economic Principles or (b) Principles of Economics Treated Mathematically | Ec.111-a Ec.113-a |
| *2. Introduction to Economic Policy | Ec.143 |
| 3. Principles of Monetary Economics | Ec.139-140 |
| 4. Monetary Systems | Ec.141-142 |
| 5. <i>Either</i> (a) Problems of Applied Economics or (b) Quantitative Economics | Ec.112-a Ec.117-120, Ec.123 |
| 6. <i>One</i> of the following: | |
| (a) Advanced Economic Analysis | Ec.131-a |
| (b) Public Finance | Ec.137-138, Ec.143(iii) |
| (c) International Economics | Ec.145-a |
| (d) History of Economic Thought | Ec.130-a |
| (e) Labour Economics | Ec.136-a |
| (f) Economics of Industry | Ec.132-a |
| (g) Economic Development | Ec.146-a |
| (h) Economic Institutions Compared | Ec.147-a |
| (i) Economics and Geography of Transport | Ec.149-150, Ec.232 |
| (j) The Economics of the Welfare State | Ec.144-a |
| *7. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods | SM.230-a Ec.115-a |
| *8. An approved paper taught outside the Department of Economics | — |
| IV. Industry and Trade | |
| *1. <i>Either</i> (a) Economic Principles or (b) Principles of Economics Treated Mathematically | Ec.111-a Ec.113-a |
| 2. <i>Either</i> (a) Problems of Applied Economics or (b) Quantitative Economics | Ec.112-a Ec.117-120, Ec.123 |
| *3. <i>Either</i> (a) Economic Statistics or (b) Econometric Methods | SM.230-a Ec.115-a |
| 4. and 5. <i>Two</i> of the following: | |
| * (a) Economics of Industry | Ec.132-a |

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

Lectures, Classes
and Seminars

- **(b)* Theory of Business Decisions Ec.134-a
(c) Economics of Investment and Finance¹ Ec.135-a
(d) Selected Topics in the Economics of Industry and Trade² Ec.133
6. and 7. *Two* of the following:
(a) Advanced Economic Analysis Ec.131-a
(b) History of Economic Thought Ec.130-a
(c) Labour Economics Ec.136-a
(d) International Economics Ec.145-a
(e) Monetary Systems Ec.141-142
(f) Public Finance Ec.137-138, Ec.143(iii)
(g) Economic Development Ec.146-a
(h) A paper available under 4 and 5 if not already taken —
(i) Elements of Accounting and Finance Ac.100-101a, Ac.103
(j) Economic Institutions Compared Ec.146-a
(k) Economics and Geography of Transport Ec.149-150, Ec.232
(l) An essay of not more than 10,000 words on an approved subject —
(m) Economic Analysis of Law LL.127-a
(n) Elements of Management Mathematics SM.313-a
(o) The Economics of the Welfare State Ec.144-a
(p) An approved paper taught outside the Department of Economics —
- *8. An approved paper taught outside the Department of Economics —
- V. International Trade and Development**
- *1. *Either (a)* Economic Principles Ec.111-a
or (b) Principles of Economics Treated Mathematically Ec.113-a
2. *Either (a)* Problems of Applied Economics Ec.112-a
or (b) Quantitative Economics Ec.117-120, Ec.123
3. International Economics Ec.145-a
4. Economic Development Ec.146-a
- *5. A Comparative Study of Modern Economic Development in Russia, Japan and India EH.109-a
- *6. *Either (a)* Economic Statistics SM.230-a
or (b) Econometric Methods Ec.115-a
7. *One* of the following (*unless already taken*):
(a) Economic History of England 1216-1603 EH.108-a
(b) Economic History of England 1603-1830 EH.102-a
(c) Economic and Social History of Britain from 1815 EH.103-a
(d) Economic History of Western Europe from 1815 EH.105-a
(e) Economic History of the United States of America from 1783 EH.106-a

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

¹Available to candidates who have followed the lectures and classes for 4 and 5b.

²Available to candidates who have followed the lectures and classes for 4 and 5a.

Lectures, Classes
and Seminars

- (f)* Economic History of Latin America from Independence to the Present Day EH.110-a
(g) Public Finance Ec.137-138, Ec.143(iii)
(h) Economics of Industry Ec.132-a
(i) Advanced Economic Analysis Ec.131-a
(j) History of Economic Thought Ec.130-a
(k) Labour Economics Ec.136-a
(l) Planning Ec.148-a
(m) Economic Institutions Compared Ec.147-a
(n) Economics and Geography of Transport Ec.149-150, Ec.232
- **(o)* Elementary Mathematical Methods (*unless taken at Part I*) SM.102-a
- **(p)* Mathematical Methods SM.113-a
- **(q)* Elementary Statistical Theory (*unless taken at Part I*) SM.204-a
- **(r)* Introduction to Economic Policy Ec.143
(s) Economic Analysis of Law LL.127-a
(t) The Economics of the Welfare State Ec.144-a
- *8. An approved paper taught outside the Department of Economics —
- VI. Economic Institutions and Planning**
- *1. *Either (a)* Economic Principles Ec.111-a
or (b) Principles of Economics Treated Mathematically Ec.113-a
- *2. Economic Institutions Compared Ec.147-a
3. *Either (a)* Problems of Applied Economics Ec.112-a
or (b) Quantitative Economics Ec.117-120, Ec.123
4. Planning Ec.148-a
5. *Either (a)* A Comparative Study of Modern Economic Development in Russia, Japan and India EH.109-a
or (b) An approved paper taught in the Department of Economics —
6. An approved paper taught inside or outside the Department of Economics —
- *7. *Either (a)* Economic Statistics SM.230-a
or (b) Econometric Methods Ec.115-a
- *8. An approved paper taught outside the Department of Economics —
- VII. Accounting and Finance**
- *1. Accounting and Finance I Ac.104-105a
2. Accounting and Finance II Ac.102, Ac.106-a
3. *Either (a)* Accounting and Finance III Ac.107-111a
or **(b)* Elements of Accounting and Finance Ac.100-101a, Ac.103

Option (b) is available only to a candidate who has not taken Elements of Accounting and Finance at Part I and such a candidate is required to select it and be

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

Lectures, Classes
and Seminars

- examined in the subject at the end of the first year of Part II.
4. Commercial Law LL.161-a
- *5. *Either* (a) Economic Principles Ec.111-a
or (b) Principles of Economics Treated Mathematically Ec.113-a
6. *One* of the following:
(a) Economics of Industry Ec.132-a
(b) Theory of Business Decisions Ec.134-a
(c) Monetary Systems Ec.141-142
(d) Public Finance Ec.137-138, Ec.143(iii)
(e) Labour Economics Ec.136-a
- *7. Candidates who have taken Elementary Statistical Theory or Basic Statistics must choose *one* of the following:
(a) Operational Research Methods SM.314-315a
(b) Elements of Management Mathematics SM.313-a
- All other candidates must take *one* of the following:
(c) Elementary Statistical Theory SM.204-a
(d) Basic Statistics SM.200-a
- *8. An approved paper taught outside the Department of Accounting —

VIII. Economic History

- *1. and *2. *Two* of the following:
(a) Economic History of England, 1216-1603 EH.108-a
(b) Economic History of England, 1603-1830 EH.102-a
(c) Economic and Social History of Britain from 1815 EH.103-a
3. *One* of the following:
(a) Economic History of Western Europe from 1815 EH.105-a
(b) Economic History of the United States of America from 1783 EH.106-a
(c) Economic History of Latin America from Independence to the present day EH.110-a
(d) A Comparative Study of Modern Economic Development in Russia, Japan and India EH.109-a
4. and 5. *One* of the following, in each of which there are two papers:
(a) Economic and Social History of England, 1377-1485 EH.113
(b) Economic and Social History of England, 1660-1714 EH.114
(c) Economic and Social History of England, 1760-1825 EH.115
(d) Britain and the International Economy, 1929-1936 EH.116

Candidates may substitute for one paper under 4 and 5 an essay of not more than 10,000 words on an approved subject (to be presented not later than 1 May in the candidate's third academic year).

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

Lectures, Classes
and Seminars

6. *One* of the following:
(a) Any paper listed under 1-3 above not already chosen
(b) *Either* (i) English History, 1399-1603 Hy.111, Hy.202
or (ii) British History, 1603-1760 Hy.112, Hy.202
(c) British History, 1760-1914 Hy.203, Hy.203b
(d) English Society in the Nineteenth Century EH.104-a
(e) An approved paper in Economics or Statistics —
- *7. and *8. Two approved papers taught outside the Department of Economic History. One of these papers must be taught in the Department of Economics, unless an Economics paper has been taken at Part I or under paper 6(e).

IX. Government

1. Political Thought Gv.102-b, Gv.104, Gv.106, Gv.108
Gv.160-161a
2. Comparative Political Institutions Gv.153
- *3. *Either* (a) Modern British Government¹ Gv.152-a, Gv.157
or (b) History of British Politics in the 20th Century
4. *One* of the following:
(a) Political Thought (a selected text) Gv.105
(b) Political Philosophy Gv.107-108
(c) Modern Political Thought: a Study of European Political Thought since 1770 Gv.108-109b
5. and 6. *Two* of the following (*if not already chosen*):
* (a) Modern British Government¹ Gv.153
* (b) History of British Politics in the 20th Century Gv.152-a, Gv.157
(c) Political Thought (a selected text) Gv.105
(d) Political Philosophy Gv.107-108
(e) Modern Political Thought: a Study of European Political Thought since 1770 Gv.108-109b
* (f) The Politics and Government of a Foreign Country or Group of Countries Gv.162-170a, Gv.230, LL.164
(g) History of British Politics from the 17th to the 20th Century Gv.151-a
* (h) Public Administration Gv.154-156, Gv.216
* (i) Public Policy: Political and Economic Aspects Gv.171
- *7. and *8. Two approved papers taught outside the Department of Government. —

X. Sociology

For students entering Part II in and before October 1981

- *1. Comparative Social Structures I So.103-a
2. Comparative Social Structures II So.104-a
*3. Sociological Theory So.105-a
- 4., 5. and 6. *Three* of the following:
* (a) Methods of Social Research (*This paper is compulsory for candidates who have not passed in one of* SA.115, So.102, SM.202-a

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

¹Students will be expected to choose one of the options specified under Gv156 on page 372.

Lectures, Classes
and Seminars

- the papers III(a) or III(b) of Part I, and is not available to those who have)
- | | |
|---|----------|
| (b) Social and Moral Philosophy | So.111-a |
| (c) Social Philosophy | Ph.103-a |
| (d) The Social Structure of Modern Britain | So.120-a |
| (e) The Social Structure of the Soviet Union | So.121-a |
| (f) The Development of Modern Japanese Society | So.122-a |
| (g) Political Sociology | So.130-a |
| (h) Political Processes and Social Change | So.131-a |
| (i) Urban Sociology | So.134-a |
| (j) Industrial Sociology | So.140-a |
| (k) Sociology of Religion | So.142-a |
| (l) Contemporary Sociological Theory | So.110-a |
| (m) Industrialisation and Theories of Social Change | So.132-a |
| (n) Criminology | So.143-a |
| (o) Sociology of Deviant Behaviour | So.144-a |
| (p) Society and Literature | So.113-a |
| (q) Sociology of Knowledge and Science | So.112-a |
| (r) Sociology of Sex and Gender Roles: Women in Society | So.141-a |
| (s) Race Relations and Minority Groups | SA.122-b |
| (t) Theories and Problems of Nationalism | So.133-a |
| (u) An essay of not more than 10,000 words on an approved topic (to be presented not later than 1 May in the candidate's third academic year) | |
- *7. and *8. Two approved papers taught outside the Department of Sociology.
- For students entering Part II in and after October 1982**
- | | |
|--|----------------|
| *1. Issues and Methods of Social Research | SA.115, So.102 |
| *2. Sociological Theory | So.105-a |
| 3., 4., 5. and 6. Four of the following: | |
| * (a) Methods of Statistical Analysis (<i>This paper is compulsory for candidates who have not passed in one of the papers III(a) or III(b) of Part I, and is not available to those who have</i>) | SM.202-a |
| (b) Comparative Social Structure I | So.103-a |
| (c) Comparative Social Structures II | So.104-a |
| (d) Contemporary Sociological Theory | So.110-a |
| (e) Social and Moral Philosophy | So.111-a |
| (f) Social Philosophy | Ph.103-a |
| (g) The Social Structure of Modern Britain | So.120-a |
| (h) The Social Structure of the Soviet Union | So.121-a |
| (i) The Development of Modern Japanese Society | So.122-a |
| (j) Political Sociology | So.130-a |
| (k) Political Processes and Social Change | So.131-a |
| (l) Urban Sociology | So.134-a |
| (m) Industrial Sociology | So.140-a |
| (n) Sociology of Religion | So.142-a |
| (o) Industrialisation and Theories of Social Change | So.132-a |
| (p) Criminology | So.143-a |

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

Lectures, Classes
and Seminars

- | | |
|---|----------|
| (q) Sociology of Deviant Behaviour | So.144-a |
| (r) Society and Literature | So.113-a |
| (s) Sociology of Knowledge and Science | So.112-a |
| (t) Sociology of Sex and Gender Roles: Women in Society | So.141-a |
| (u) Race Relations and Minority Groups | SA.122-b |
| (v) Theories and Problems of Nationalism | So.133-a |
| (w) An essay of not more than 10,000 words on an approved topic (to be presented not later than 1 May in the candidate's third academic year) | |
- *7. and *8. Two approved papers taught outside the Department of Sociology.
- XI. Statistics**
- | | |
|---|-------------------------------|
| *1. Mathematical Methods | SM.113-a |
| *2. Probability, Distribution Theory and Inference | SM.206-207a |
| 3. Statistical Theory | SM.218-220, SM.304-a |
| 4. Statistical Techniques and Packages | SM.213, SM.213b-217, SM.304-a |
| 5. and 6. Two the following: | |
| (a) Actuarial Investigations—Statistical and Financial† | SM.235-a |
| (b) Actuarial Life Contingencies | SM.236-a |
| (c) Statistical Demography | Pn.107-a |
| (d) Econometric Theory | SM.231-232a |
| (e) Applied Econometrics | Ec.116-117, Ec.122-123 |
| * (f) Elements of Computer Science | SM.302-a, SM.305-a, SM.311 |
| (g) Numerical Methods | SM.304-a, SM.312-a |
| (h) Operational Research Methods (not to be taken with (i) or (j)) | SM.314-315a |
| (i) Operational Research Techniques and Simulation | SM.314-a, SM.317-a |
| (j) Mathematical Programming | SM.315-316a |
| (k) Games, Decisions and Gambling | SM.106-a |
| * (l) Introduction to Analysis and Set Theory (<i>unless taken at Part I</i>) | SM.103-a |
| (m) Further Analysis | SM.104-a |
| (n) Topology and Convexity | SM.109-a |
- *7. and *8. Two approved papers taught outside the Department of Statistical and Mathematical Sciences.
- XII. Computing**
- | | |
|----------------------------------|----------------------------|
| *1. Elements of Computer Science | SM.302-a, SM.305-a, SM.311 |
| 2. Systems Analysis and Design | SM.308-310a |
| 3. Application of Computers | — |

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

†Candidates are required to be familiar with the use of calculating machines and to use them at the examination of this paper.

- Lectures, Classes
and Seminars*
4. *One* the following:
- (a) Numerical Methods SM.312-a
- (b) Operational Research Methods (not to be taken with (c) or (d)) SM.314-315a
- (c) Operational Research Techniques and Simulation SM.314a, SM.317-a,
- (d) Mathematical Programming SM.315-316a
- (e) Statistical Techniques for Management Sciences SM.210-213a
- (f) Elements of Accounting and Finance Ac.100-101a, Ac.103
- (g) Theory of Business Decisions Ec.134-a
- (h) Economics of Industry Ec.132-a
5. and 6. *Two* of the following:
- (a) One or two of the papers not taken under 4
- * (b) Elementary Statistical Theory (*if not taken at Part I*) SM.204-a
- * (c) Elementary Mathematical Methods (*if not taken at Part I*) SM.102-a
- (d) Probability, Distribution Theory and Inference SM.206-207a
- (e) Mathematical Methods SM.113-a
- (f) Statistical Theory (not to be taken with 4(e)) SM.218-220, SM.304-a
- (g) Statistical Techniques and Packages (not to be taken with 4(e)) SM.213, SM.213b-217, SM.304-a
- (h) Statistical Demography Pn.107-a
- (i) Econometric Theory SM.231-232a
- (j) An approved Mathematics paper —
- *7. and *8. Two approved papers taught outside the Department of Statistical and Mathematical Sciences.

XIII. International Relations

1. International History since 1914 Hy.117-118a
2. International Politics IR.102-a, IR.104
3. Foreign Policy Analysis IR.105-107
4. International Institutions IR.108-109
5. and 6. *Two* of the following, save that all candidates who have not taken International Law at Part I must choose at least one of the options International Law and Sociology of International Law:
- * (a) International Law (*unless taken at Part I or under papers 7 & 8*) LL.112, LL.112b
- (b) The International Legal Order IR.135-a
- (c) Theories of International Politics IR.136-a
- (d) The Politics of International Economic Relations IR.137-a
- (e) Strategic Studies IR.138-a
- (f) International History (Special Period) chosen from the following:
- (i) International Socialism and the Problem of War, 1870-1918 Hy.124-a
- or (ii) Great Britain and the Peace Conference of 1919 Hy.130
- or (iii) The Manchurian Crisis, 1931-1933 Hy.131

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

- Lectures, Classes
and Seminars*
- or (iv) The League of Nations in Decline, March 1933-December 1937 Hy.132
- (g) Any other subject approved by the candidate's teachers within the field of International Relations —
- *7. and *8. Two approved papers taught outside the Department of International Relations
- As an alternative to any one of papers 5, 6, 7 and 8 a candidate may submit an essay of not more than 10,000 words to be written during the course of study on a subject to be approved by the candidate's Tutor and by the department teaching the subject concerned.
- ### XIV. Social Anthropology
- *1. Studies of Kinship An.200-a
- *2. Political and Economic Institutions An.201-a
3. Magic and Religion An.300
4. Advanced Theory of Social Anthropology An.303-a
5. Advanced Ethnography An.301
- *6. *One* of the following:
- (a) Economic Principles Ec.111-a
- (b) General Economics Ec.110-a
- (c) Sociological Theory So.105-a
- (d) Demographic Description and Analysis Pn.101-a
- (e) Introduction to Logic (*unless taken at Part I*) Ph.112-a
- (f) Introduction to Scientific Method (*unless taken at Part I*) Ph.100-a, Ph.102
- (g) An approved paper in Psychology —
7. and 8. *Two* of the following:
- (a) (i) Social Aspects of Political and Economic Development An.304-a
- or (ii) An essay of not more than 10,000 words to be written during the course of study on an approved subject —
- * (b) *Either one or two* approved papers taught outside the Department of Anthropology —

XV. International History

- *1. International History, 1494-1815 Hy.113-a
- *2. International History, 1815-1914 Hy.116-a
- *3. International History since 1914 Hy.117-118a
4. *One* of the following:
- (a) The Habsburg Monarchy and the Revolutions of 1848 Hy.127
- (b) The Great Powers and Egypt, 1882-1888 Hy.128
- (c) The Great Powers and the Balkans, 1908-1914 Hy.129
- (d) Great Britain and the Peace Conference of 1919 Hy.130
- (e) The Manchurian Crisis, 1931-1933 Hy.131
- (f) The League of Nations in Decline, March 1933-December 1937 Hy.132
5. and 6. *Two* of the following:
- (a) War and Society, 1600-1815 Hy.119

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

Lectures, Classes
and Seminars

- (b) Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854 Hy.123-a
 (c) British-American-Russian Relations, 1815-1914 Hy.121
 (d) The Mediterranean in International Politics, 1815-1914 Hy.120-a
 (e) International Socialism and the Problem of War, 1870-1918 Hy.124-a
 (f) Fascism and National Socialism in International Politics, 1919-1945 Hy.126-a
 (g) The Great Powers and the Near and Middle East, 1898-1956 —
7. and 8. Two approved papers taught outside the Department of International History of which at least one must be from the following list:
- **(a)* General Economics Ec.110-a
 **(b)* Economic History of England, 1603-1830 EH.102-a
 **(c)* Economic and Social History of Britain from 1815 EH.103-a
 **(d)* Economic History of the United States of America from 1783 EH.106-a
 **(e)* Economic History of Latin America from Independence to the present day EH.110-a
 **(f)* Economic History of Western Europe from 1815 EH.105-a
 (g) Political Thought Gv.102-102b, Gv.104, Gv.106, Gv.108
- or *(h)* Modern Political Thought: a Study of European Political Thought since 1770 Gv.108-109b
 **(i)* History of British Politics in the Twentieth Century Gv.152-a, Gv.207
 or **(j)* Modern British Government Gv.153
 (k) History of British Politics from the Seventeenth to the Twentieth Century Gv.151-a
 **(l)* The Politics and Government of a Foreign Country or Group of Countries Gv.162-170a, Gv.230, LL.164
 (m) International Politics IR.102-a, IR.104
 (n) International Institutions IR.108-109
 **(o)* International Law (unless taken at Part I) LL.112, LL.112b
 (p) The Politics of International Economic Relations IR.137-a
 (q) An Approved Modern Foreign Language Ln.213-216, Ln.220, Ln.303-305, Ln.401-405, Ln.507-511

XVI. Geography

Note: Students are normally expected to take six papers in Geography and two papers in subjects outside the Department of Geography. In approved cases students may take five papers in Geography and three in outside subjects.

*1. and *2. Two of the following:

- (a) Economic Geography Gy.208-a
 (b) Either (i) Theory and Techniques of Spatial Analysis (unless taken in Part I) Gy.103
 or (ii) Applied Spatial Analysis Gy.200-201

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

Lectures, Classes
and Seminars

- (c) Urban Geography Gy.210
 (d) Social Geography Gy.209
 (e) Man and his Physical Environment Gy.206
- 3, 4, 5 and 6. Four (or in approved cases, three) courses chosen from one or more of the following sections:
- (i) (a) Urban and Regional Systems Gy.309-a
 (b) Advanced Social Geography Gy.307-308
 (c) Planning and its Geographical Impact Gy.311
 (d) Geography of Local Administration Gy.303
 (ii) (e) Spatial Aspects of Economic Development Gy.304
 (f) The Geography of Rural Development Gy.305
 (g) Economics and Geography of Transport Ec.149-150, Ec.232
 (h) Advanced Economic Geography: Agriculture Gy.306-a
 (iii) (i) Environmental Management in Britain Gy.312-a
 (j) Environmental Evaluation and Planning in Transport Gy.313-a
 (iv)**(k)* An approved Regional Study† Gy.220-221, Gy.223-225, Gy.322-324
 (v)**(l)* Historical Geography Gy.212-a
 (m) General Political Geography —
 (vi) *(n)* An Independent Geographical Study —
 (vii)**(o)* A paper from 1 and 2 not already taken —
- *7. and *8. Two approved papers taught outside the Department of Geography. In approved cases, three papers may be taken. (see introductory note.)

XVII. Philosophy

- *1. Scientific Method Ph.101, Ph.104, Ph.111, Ph.126
 2. History of Modern Philosophy, Bacon to Kant Ph.106-107a
 *3. Logic Ph.112-113a, Ph.116
 4. Epistemology and Metaphysics Ph.108, Ph.111, Ph.125
 5. Either**(a)* Social Philosophy Ph.103-a
 or *(b)* Mathematical Logic Ph.115-a
 6. Either**(a)* The Rise of Modern Science, Copernicus to Newton Ph.109-a
 or *(b)* An essay written during the course of study —
 or *(c)* An essay written under examination conditions —
7. One of the following:
 (a) An essay written during the course of study (unless taken under 6) —
 (b) An essay written under examination conditions (unless taken under 6) —
 (c) Political Philosophy Gv.107-108
 **(d)* Introduction to Social Anthropology An.100-a

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

†The regions available are the British Isles, Europe, North America, Latin America, The Third World, The Soviet Union.

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| * <i>(e)</i> An approved economics paper | — |
| * <i>(f)</i> The History of European Ideas since 1700 | Hy.102-a |
| * <i>(g)</i> An approved Modern foreign language | Ln.213-216, Ln.220, Ln.303-305, Ln.401-405, Ln.507-511 |
| * <i>(h)</i> Elementary Linguistics | Ln.100-a |
| * <i>(i)</i> Introduction to Individual and Social Psychology | Ps.100-a |
| * <i>(j)</i> An approved mathematics paper | — |
| * <i>(k)</i> Elementary Statistical Theory | SM.204-a |
| * <i>(l)</i> Any other approved paper taught outside the Department of Philosophy | — |
| *8. An approved paper taught outside the Department of Philosophy | — |
| XVIII. Government and History | |
| A Government | |
| 1. <i>Either (a)</i> Political Thought | Gv.102-102b, Gv.104, Gv.106, Gv.108 |
| <i>or (b)</i> Political Philosophy | Gv.107-108 |
| 2. <i>Either (a)</i> Comparative Political Institutions | Gv.160-161a |
| <i>or* (b)</i> Modern British Government ¹ | Gv.153 |
| 3. <i>Either one</i> paper from papers 1 or 2 if not already chosen | |
| <i>or one</i> of the following: | |
| <i>(a)</i> Public Policy: Political and Economic Aspects | Gv.171 |
| <i>(b)</i> Political Thought (set text) | Gv.105 |
| <i>(c)</i> History of British Politics in the 20th Century | Gv.152-a, Gv.207 |
| <i>(d)</i> History of British Politics from the 17th to the 20th Century | Gv.151-a |
| <i>(e)</i> The Politics and Government of a Foreign Country or Group of Countries | Gv.162-170a, Gv.230, LL.164 |
| <i>(f)</i> Public Administration | Gv.154-156, Gv.216 |
| <i>(g)</i> Modern Political Thought: a Study of European Political Thought since 1770 | Gv.108-109b |
| B History | |
| *4. and *5. <i>Two</i> of the following: | |
| <i>(a)</i> English History, 1399-1603 | Hy.111, Hy.202 |
| <i>(b)</i> British History, 1603-1760 (<i>this paper may not be taken by candidates who have chosen 3 (d) above</i>) | Hy.112, Hy.202 |
| <i>(c)</i> British History, 1760-1914 (<i>this paper may not be taken by candidates who have chosen 3 (d) above</i>) | Hy.203, Hy.203b |
| <i>(d)</i> European History c.1600-1789 | Hy.113-114 |
| <i>(e) Either (i)</i> European History, 1789-1945 (<i>not available if Political History was taken at Part I</i>) | Hy.100, Hy.115 |
| <i>or (ii)</i> World History since 1890 (<i>if not taken at Part I</i>) | Hy.101-a |
| 6. <i>One</i> of the following: | |

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

¹Students will be expected to choose one of the options specified under Gv156 on page 372.

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| <i>(a)</i> War and Society, 1600-1815 | Hy.119 |
| <i>(b)</i> Revolution, civil war, and intervention in the Iberian Peninsula, 1808-1854 | Hy.123-a |
| <i>(c)</i> British-American-Russian Relations, 1815-1914 | Hy.121 |
| <i>(d)</i> The Mediterranean in International Politics, 1815-1914 | Hy.120-a |
| <i>(e)</i> International Socialism and the Problem of War, 1870-1918 | Hy.124-a |
| <i>(f)</i> Fascism and National Socialism in International Politics, 1919-1945 | Hy.126-a |
| <i>(g)</i> The Great Powers and the Near and Middle East, 1898-1956 | — |
| <i>(h)</i> Economic History of Western Europe from 1815 | EH.105-a |
| <i>(i)</i> Economic History of the U.S.A. from 1783 | EH.106-a |
| 7. and 8. <i>Two</i> approved papers from the following: | |
| <i>(i)</i> one paper from papers 1, 2 or 3 if not already chosen | |
| <i>(ii)</i> one paper from paper 6 if not already chosen | |
| <i>(iii)</i> one paper from the following: | |
| <i>(a)</i> The Habsburg Monarchy and the Revolutions of 1848 | Hy.127 |
| <i>(b)</i> The Great Powers and Egypt, 1882-1888 | Hy.128 |
| <i>(c)</i> The Great Powers and the Balkans, 1908-1914 | Hy.129 |
| <i>(d)</i> Great Britain and the Peace Conference of 1919 | Hy.130 |
| <i>(e)</i> The Manchurian Crisis, 1931-1933 | Hy.131 |
| <i>(f)</i> The League of Nations in Decline, March 1933-December 1937 | Hy.132 |
| <i>(iv)</i> An approved paper taught in another department | — |
| XIX. Economics and Economic History | |
| *1. Economic Principles | Ec.111-a |
| *2. <i>Either (a)</i> Economic Statistics | SM.230-a |
| <i>or (b)</i> Econometric Methods | Ec.115-a |
| *3. <i>Either (a)</i> Economic History of England, 1603-1830 | EH.102-a |
| <i>or (b)</i> Economic and Social History of Britain from 1815 | EH.103-a |
| *4. <i>One</i> of the following: | |
| <i>(a)</i> Economic History of the U.S.A. from 1783 | EH.106-a |
| <i>(b)</i> Economic History of Latin America from Independence to the Present Day | EH.110-a |
| <i>(c)</i> A Comparative Study of Modern Economic Development of Russia, India and Japan | EH.109-a |
| <i>(d)</i> Economic History of Western Europe from 1815 | EH.105-a |
| 5. Problems of Applied Economics | Ec.112-a |
| 6. Britain and the International Economy, 1919-1964 | EH.118 |
| 7. <i>One</i> of the following: | |
| <i>(a)</i> History of Economic Thought | Ec.130-a |
| <i>(b)</i> Economic Development | Ec.146-a |
| <i>(c)</i> Labour Economics | Ec.136-a |
| <i>(d)</i> Principles of Monetary Economics | Ec.139-140 |
| <i>(e)</i> International Economics | Ec.145-a |

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

| | |
|---|---|
| | <i>Lectures, Classes and Seminars</i> |
| (f) Economics of Industry | Ec.132-a |
| 8. Problems in Quantitative Economic History (This paper will be taught over two years; and will be examined by an essay of not more than 10,000 words.) | EH.117 |
| XX. Philosophy and Economics | |
| *1. Scientific Method | Ph.101, Ph.104, Ph.111, Ph.126 Ph106-107a |
| 2. History of Modern Philosophy | Ph.103-a |
| 3. One of the following: | Ph.115-a |
| *(a) Social Philosophy | Ph.112-113a, Ph.116 |
| *(b) Mathematical Logic | Ec.111-a |
| *(c) Logic | Ec.112-a |
| *4. Economic Principles | Ec.143 |
| 5. Either (a) Problems of Applied Economics or*(b) Introduction to Economic Policy | Ec.130-a |
| 6. Either (a) History of Economic Thought or (b) with the approval of the teachers concerned, another approved paper in Economics | — |
| *7. Economic Statistics | SM.230-a |
| 8. Philosophy of Economics | Ph.105, Ph.124 |
| XXI. Economic History and Sociology | |
| *1. Economic History of England 1603-1830 | EH.102-a |
| *2. One of the following: | EH.103-a |
| (a) Economic and Social History of Britain from 1815 | EH.108-a |
| (b) Economic History of England 1216-1603 | EH.105-a |
| (c) Economic History of Western Europe from 1815 | EH.106-a |
| (d) Economic History of U.S.A. from 1783 | EH.110-a |
| (e) Economic History of Latin America from Independ- ence to the present day | EH.109-a |
| (f) A Comparative Study of Modern Economic De- velopment in Russia, Japan and India | EH.109-a |
| *3. and *4. Two of the following: | So.100-a |
| (a) Introduction to Sociology (This course is compul- sory for students who have not taken it at Part I) | So.105-a |
| (b) Sociological Theory | So.121-a |
| (c) The Social Structure of the Soviet Union | So.122-a |
| (d) The Development of Modern Japanese Society | So.140-a |
| (e) Industrial Sociology | So.130-a |
| (f) Political Sociology | So.103-a |
| (g) Either (i) Comparative Social Structures I or (ii) Comparative Social Structures II | So.104-a |
| (h) The Social Structure of Modern Britain | So.120-a |
| 5. Economic and Social History of England 1760-1825 (by permission another special period taught in the Department of Economic History may be offered) | EH.115 |
| 6. and 7. Two of the following: | So.132-a |
| (a) Industrialisation and Theories of Social Change | So.131-a |
| (b) Political Processes and Social Change | So.131-a |

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

| | |
|--|---|
| | <i>Lectures, Classes and Seminars</i> |
| (c) Sociology of Religion | So.142-a |
| (d) Demographic Description and Analysis | Pn.101-a |
| (e) Sociology of Sex and Gender Roles: Women in Society | So.141-a |
| (f) Methods of Social Research (not available to candi- dates who have passed in one of the papers III(a) or III(b) of Part I) | SA.115, So.102-a, SM.202-a |
| (g) Social Philosophy | Ph.103-a |
| (h) Sociology of Knowledge and Science | So.112-a |
| (i) Society and Literature | So.113-a |
| (j) Any of the papers 3 and 4 which have not been taken already | — |
| 8. Problems in Social History (This paper will be taught over two years; and may be examined by essay or by a three-hour paper). | EH.112 |
| XXII. Russian Government, History and Language | |
| 1. Comparative Political Institutions | Gv.160-161a |
| 2. The Politics and Government of Russia | Gv.165-166 |
| *3. Either (a) International History, 1815-1914 or (b) International History since 1914 | Hy.116-a Hy.117-118a |
| 4. The History of Russia, 1682-1917 | Hy.133, Gv.166 |
| 5. Russian Language | Ln.507-511 |
| 6. Either (a) Aspects of Russian Literature and Society or (b) Report on a Subject within the Field of Russian Studies | Ln.512 — |
| 7. and 8. Two of the following: | Gv.108-109a&b |
| (a) Modern Political Thought: a Study of European Political Thought Since 1770 | — |
| (b) International Communism | Gy.324 |
| * (c) Geography of the Soviet Union | Ec.245 |
| (d) Soviet Economic Structure | Hy.121 |
| (e) British-American-Russian Relations, 1815-1914 | So.121-a |
| * (f) The Social Structure of the Soviet Union | EH.109-a |
| * (g) A Comparative Study of Modern Economic De- velopment in Russia, Japan and India | — |
| * (h) Any other approved subject within the B.Sc. (Econ.) Part II | — |
| XXIII. Social Policy | |
| Note: Candidates who have not taken Basic Statistics or Elementary Statistical Theory at Part I are required to take one of these subjects or Methods of Social Investigation under papers 7 or 8. | |
| *1. Social Administration | SA.103-b, Gv.150 |
| 2. Social Policy | SA.102-b |
| 3. and 4. Two of the following: | SA.121-b |
| (a) Educational Policy and Administration | SA.123-b |
| (b) Personal Social Services | SA.125-b |
| (c) Housing and Urban Structures | SA.125-b |

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

- Lectures, Classes
and Seminars*
- (d) Health Administration SA.126-b
 (e) Race Relations and Minority Groups SA.122-b
 (f) Sociology of Deviance and Control So.144, SA.128
5. One of the following:
- * (a) The Social Structure of Modern Britain So.120-a
 (b) *Either** (i) Sociological Theory So.105-a
 or (ii) Social and Political Theory So.105, SA.120-a&b
 (c) Comparative Social Structures II: Industrial Societies So.104-a
6. One of the following:
- * (a) Modern British Government¹ Gv.153-a
 (b) Modern Political Thought: a Study of European Political Thought since 1770 Gv.108-109a
 (c) Political Philosophy Gv.107-108
 * (d) Public Administration Gv.154-156, Gv.216
- *7. One of the following:
- (a) General Economics Ec.110-a
 (b) Economic Principles Ec.111-a
 (c) Introduction to Economic Policy Ec.143
 (d) Economic Statistics SM.230-a
 (e) The Economic History of Great Britain and the U.S.A. 1850-1939 (*unless taken at Part I*) EH.100-a
 (f) Economic and Social History of Britain from 1815 EH.103-a
 (g) Methods of Social Investigation (*may not be taken if Basic Statistics or Elementary Statistical Theory has been taken at Part I*) SA.115-b, SM.202-a
 (h) Demographic Description and Analysis Pn.100-a
 (i) Statistical Techniques and Packages SM.213-217, SM.304-a
- *8. An approved paper taught outside the Department of Social Science and Administration

XXIV. Population Studies

1. Demographic Description and Analysis Pn.101-a
 2. The Population History of England Pn.102-a
 3. and 4. *Two* of the following:
- (a) The Demographic Transition and the Western World Today Pn.103-a
 (b) Third World Demography Pn.104-a
 (c) Migration Pn.105-a
 (d) Family Composition, Kin and the Life Cycle Pn.106-a
- 5, 6, 7 and 8. *Four* of the following, including *one* from (g) or (h) if none of these papers was taken at Part I. A candidate who has taken *one* of the papers under (g) at Part I may take a paper under (h) at Part II and vice versa.
- (a) *Either* (i) General Economics Ec.110-a
 or (ii) Economic Principles Ec.111-a
 (b) The Social Structure of Modern Britain So.120-a

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

¹Students will be expected to choose one of the options specified under Gv156 on page 372.

- Lectures, Classes
and Classes*
- (c) Social Policy SA.102
 (d) Studies of Kinship An.200-a
 (e) English Society in the Nineteenth Century EH.104-a
 (f) Theory and Techniques of Spatial Analysis Gy.103
 (g) *Either* (i) Elementary Statistical Theory SM.204-a
 or (ii) Basic Statistics SM.200-a
 (h) *Either* (i) Elementary Mathematical Methods SM.102-a
 or (ii) Basic Mathematics for Economists Ec.103-a, SM.100-a
 (i) Statistical Demography (*Students taking this paper will be expected to have taken Elementary Mathematical Methods or Basic Mathematics for Economists*) Pn.107-a
 (j) One paper from 3 and 4 above if not already chosen —
 (k) One other approved paper —

XXV. Industrial Relations

- *1. Industrial Relations Id.104-b
 2. Selected Topics in Industrial Relations —
 *3. Elements of Labour Law LL.162-a
 4. Industrial Sociology So.140-a
 5, 6, 7 and 8. *Four* of the following:
- * (a) Labour Economics Ec.136-a
 * (b) Economic Principles Ec.111-a
 * (c) Economic Statistics SM.230-a
 * (d) History of British Politics in the 20th Century Gv.152-a, Gv.207
 * (e) Political Sociology So.130-a
 (f) Industrial Organisation Id.107-b
 * (g) Economic and Social History of Britain from 1815 EH.103-a
 * (h) Any other approved paper —

XXVI. Mathematics and Economics

1. Principles of Economics Treated Mathematically Ec.113-a
 2. Topology and Convexity SM.109-a
 3. *One* of the following:
- (a) Further Analysis SM.104-a
 (b) Introduction to Algebra (*if not taken at Part I*) SM.101-a
 (c) Elementary Statistical Theory (*if not taken at Part I*) SM.204-a
 (d) Probability, Distribution Theory and Inference SM.206-207a
4. *One* of the following:
- (a) Labour Economics Ec.136-a
 (b) Economics of Industry Ec.132-a
 (c) Theory of Business Decisions Ec.134-a
 (d) Econometric Methods Ec.115-a
5. Mathematical Economics Ec.114-a
 6. *One* of the following:
- (a) Measure, Probability and Integration (only if 3(a) taken) —
 (b) Further Analysis (*if not taken at Part I*) SM.104-a
7. and 8. *Two* of the following:
- (a) Advanced Economic Analysis Ec.131-a
 (b) Game Theory and Economic Applications Ec.151-a, SM.106(i)-a
 (c) History of Economic Thought Ec.130-a

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

- (d) Economics of Investment and Finance¹
- (e) Principles of Monetary Economics
- (f) Problems of Applied Economics
- (g) International Economics
- (h) Any other approved paper

*Lectures, Classes
and Seminars*

- Ec.135-a
- Ec.139-a, Ec.140
- Ec.112-a
- Ec.145-a
-

¹Students will normally be expected to have followed the lectures and classes for 4(c).
182 *First Degree Courses: B.Sc. (Economics)*

Course Unit Degrees

The School registers students for the B.Sc. and B.A. degrees by course units. A course unit is defined as one third of the amount of study which any adequately prepared student can reasonably be expected to complete in a year; that is to say one third of the total work load which every student who is capable of obtaining a degree at all should be able to manage. To obtain the degree candidates must complete, to the satisfaction of the School, courses valued at a minimum of nine course units and must satisfy the examiners in courses to the value of at least nine course units.

All students should read the full regulations for the degree: they may be obtained from the Registry at the School.

The following Main Fields of study within which candidates may qualify for Honours, are available:

B.Sc. Degree

- Geography
- Mathematics, Statistics, Computing and Actuarial Science
- Management Sciences
- Mathematics and Philosophy
- Social Anthropology
- Social Psychology
- Sociology

B.A. Degree

- Geography
- French Studies
- Social Anthropology
- Social Anthropology and Mediaeval History

Chemistry and Philosophy of Science (Candidates are registered at King's College and attend the LSE on an intercollegiate basis for courses in Philosophy).

1 Geography

- 1.1 Courses are given in the Joint School of Geography at King's College and L.S.E. and students are taught by teachers from both colleges.
- 1.2 Candidates for Honours will normally be required to take courses to the value of ten course units over three years; with permission this total may be extended.
- 1.3 Courses are normally examined at the end of the year in which they are studied, though a small number of second-year courses may be examined at the end of the third year.
- 1.4 *Fieldwork*: All students registered for B.A. and B.Sc. degrees in Geography by course units are required to attend a departmental field class during the first year of the course and to submit a written report. A number of second and third year course units require attendance at field classes and/or the carrying out of field work and information will be given to students choosing these options. A proportion of examination marks may be allocated for field work in these units.
- 1.5 In assessing a candidate for Honours, his achievement in the second and third years may be given more weight than that of the first year.
- 1.6 In certain cases students may be able to take courses at other colleges of the University. The permission of the convener is required.
- 1.7 A candidate is required to take the following courses:

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|-------------------------------------|
| First Year | | | |
| 1. Physical Geography | 1 | 420/0111 | Gy.101-a |
| 2. Human Geography | 1 | 420/0113 | Gy.100-b |
| 3. Theory and Techniques of Spatial Analysis | 1 | 420/0114 | Gy.103 |
| 4. One course outside Geography (See List of courses outside Geography) | 1 | — | — |
| Second Year | | | |
| <i>3 or 4 course units to be chosen from:—</i> | | | |
| British Isles | 1 | 420/0205 | Gy.220 |
| Economic Geography | 1 | 420/0206 | Gy.208-a |
| Man and his Physical Environment | 1 | 420/0466 | Gy.206 |
| Advanced Quantitative Geography | ½ | 420/0207 | Gy.200 |
| Applied Spatial Analysis | 1 | 420/0204 | Gy.200-201 |
| Social Geography: Spatial Change and Social Process | 1 | 420/0210 | Gy.209 |
| Urban Geography | 1 | 420/0209 | Gy.210 |
| Historical Geography: British Isles | 1 | 420/0212 | Gy.212-a |
| General Political Geography | ½ | 420/0493 | — |
| Biogeography | 1 | 420/0474 | Gy.204 |
| Advanced Geomorphology I | 1 | 420/0260 | Gy.203 |
| Meteorology & Climatology | 1 | 420/0266 | Gy.205 |
| Elements of Hydrology | ½ | 420/0467 | Gy.202 |
| Elements of Surveying, and Map Projections | ½ | 420/0112 | — |
| Population Geography | ½ | 420/0208 | Gy.211 |
| Soil Science | ½ | 420/0452 | Gy.215 |
| Advanced Cartography | ½ | 420/0456 | — |
| <i>Courses up to the value of 1 unit from the following list:—</i> | | | |
| Africa I | ½ | 420/0441 | — |
| Europe | 1 | 420/0424 | Gy.221 |

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|-------------------------------------|
| Latin America I | ½ | 420/0425 | Gy.224 |
| North America I | ½ | 420/0421 | Gy.223-a |
| North America II (*420/0421) | ½ | 420/0322 | Gy.322 |
| The Third World: a Social and Economic Basis | ½ | 420/0427 | Gy.225 |
| Courses to the value of 1 unit chosen from the list outside Geography | | | |

Third Year

3 or 4 course units to be chosen from:—

| | | | |
|---|---|----------|----------|
| Advanced Economic Geography: Agriculture | ½ | 420/0381 | Gy.306-a |
| Spatial Aspects of Economic Development | 1 | 420/0384 | Gy.304 |
| Planning and its Geographical Impact | 1 | 420/0490 | Gy.311 |
| Urban and Regional Systems (*420/0204) | 1 | 420/0396 | Gy.309-a |
| Historical Geography: Western and Central Europe (*420/0485 or 420/0417) | ½ | 420/0486 | Gy.310-a |
| Advanced Geomorphology II (*420/0260) | ½ | 420/0461 | Gy.300 |
| Advanced Geomorphology III (*420/0260) | ½ | 420/0462 | Gy.301 |
| Climatic Change | ½ | 420/0367 | Gy.302 |
| Urban Climatology } (*420/0266) | ½ | 420/0469 | — |
| Microclimatology } | ½ | 420/0468 | — |
| Elements of Hydrology | ½ | 420/0467 | Gy.202 |
| Geography of Rural Settlement | ½ | — | Gy.314 |
| Environmental Management in Britain | ½ | 420/0385 | Gy.312-a |
| Environment Evaluation and Planning in Transport | ½ | 420/0494 | Gy.313-a |
| Geography of Local Administration | ½ | 420/0489 | Gy.303 |
| The Geography of Rural Development | 1 | 420/0488 | Gy.305 |
| Advanced Social Geography I: Planning, Housing and Urban Change (*420/0497; 420/0210) | ½ | 420/0392 | Gy.307 |
| Advanced Social Geography II: Spatial Inequalities (*420/0497; 420/0210) | ½ | 420/0393 | Gy.308 |
| Map Design and Evaluation | ½ | 420/0302 | Gy.315 |
| Soviet Union | ½ | 420/0431 | Gy.324 |
| Latin America II (*420/0425) | ½ | 420/0426 | Gy.323 |
| North America II (*420/0421) | ½ | 420/0322 | Gy.322 |
| A course or courses to the value of not more than 1 unit from the second year list. | 1 | — | — |
| An independent essay of not more than 5,000 words on an approved topic in Geography. | 1 | 420/0610 | — |
| Courses to the value of not more than 1 unit chosen from the list of courses outside Geography. | 1 | — | — |

Courses outside Geography

For courses other than Geology please see list on pages 198-200.

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---------------------------------|-----------------------------|----------------------------------|------------------------------|-------------------------------------|
| Geology (King's College) | | | | |
| Fundamentals of Geology | ½ | 430/0101 | 2 or 3 | — |
| Stratigraphical Palaeontology | ½ | 430/0104 | 1, 2 or 3 | — |
| Stratigraphy and Sedimentation | 1 | 430/0201 | 2 | — |
| World Stratigraphy | ½ | 430/0202 | 3 | — |
| Economic Geology | ½ | 430/0206 | 2 or 3 | — |

*Recommended Preliminary Course

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---------------------------|-----------------------|----------------------------|------------------------|-------------------------------|
| Structural Geology | ½ | 430/0304 | 2 or 3 | — |
| Advanced Economic Geology | ½ | 430/0308 | 3 | — |
| Sedimentology | ½ | 430/0307 | 2 or 3 | — |
| Oceanography | ½ | 430/0108 | 2 or 3 | — |

2 Mathematics, Statistics, Computing and Actuarial Science

2.1 Candidates will normally be expected to take courses to the value of four course units during each of the three years of study.

2.2 The field or fields in which honours are awarded depends on the courses chosen. The basic requirements for each field are listed below. The remaining courses are chosen under tutorial guidance.

Mathematics: Courses 1, 2, 10, 11 and two from 12–16.

Statistics: Courses 3, 4, 17, 30, 31, 32.

Computing: Courses 3, 5, 40, 41, 42 and one from 43–45.

Actuarial

Science: Courses 3, 4, 6, 7(a)(ii), 17, 30, 34, 50, 51, 53.

(If 6(b) is taken, 53 may be omitted.)

2.3 A student may also qualify for combined honours.

Mathematics/

Statistics: Courses 1, 2 or 3, 4, 10, 17, 30, one from 11–16, 31 or 32.

Statistics/

Computing: Courses 3, 4, 5, 17, 30, one from 31–34, 40 or 41 and one from 42–45.

Mathematics/

Computing: Courses 1 or 2, 3, 5, 10 or 11, 17, 40 or 41, one from 42–45 and one further course from 10–16.

Actuarial

Science/

Statistics: Courses 3, 4, 6, 17, 30, 34, 53 and two from 7(a)(ii), 50, 51. (If 6(b) is taken, 53 may be omitted.)

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------|----------------------------|-------------------------------|
| First Year | | | |
| 1. Introduction to Analysis and Set Theory | 1 | 550/0003 | SM.103–a |
| 2. Introduction to Algebra | 1 | 550/0020 | SM.101–a |
| 3. Elementary Mathematical Methods | 1 | 550/0021 | SM.102–a |
| 4. Elementary Statistical Theory | 1 | 790/0001 | SM.204–a |
| 5. Elements of Computer Science | 1 | 295/0001 | SM.302–a, SM.305–a, SM.311 |
| 6. At most one course from: | | | |
| (a) Economics A | | | |
| (candidates will be expected to take A2) | | 340/0010 | Ec.101–a |
| (b) Economics B | 1 | 340/0023 | Ec.102–a |
| (c) Introduction to Mathematical Economics | 1 | 340/0006 | Ec.104–a |
| 7. At most one course from: | | | |
| (a) Either (i) Elements of Accounting and Finance | 1 | 340/0035 | Ac.100–101a, Ac.103 |
| or (ii) Elements of Accounting and Investment for Actuarial Science | | | |

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------|----------------------------|-------------------------------|
| or (ii) (available to Actuarial or (ii) Science students only) | 1 | 340/0056 | Ac.100–101a, Ac.103 |
| (b) Introduction to Mathematical Logic | 1 | 500/0013 | Ph.114–a |
| (c) Introduction to Individual and Social Psychology | 1 | 720/0106 | Ps.100–a |
| (d) A course from the list of course units available to non-specialists. | 1 | — | |

Second and Third Years

Mathematics

| | | | |
|---|---|----------|------------------|
| 10. Further Analysis (to follow course 1) | 1 | 550/0022 | SM.104–a |
| 11. Further Algebra (to follow course 2) | 1 | 550/0023 | SM.105–a&b |
| 12. Topology and Convexity | 1 | 550/0031 | SM.109–a |
| 13. Infinite Abelian Groups | 1 | 550/0032 | SM.112(i)–a |
| 14. Categories | 1 | 550/0036 | SM.112(ii)–a |
| 15. Games, Decisions and Gambling | 1 | 550/0024 | SM.106(i)&(ii)–a |
| 16. Sets and Models (to follow course 7b) | 1 | 550/0034 | SM.110–a |
| 17. Mathematical Methods (to follow course 3) | 1 | 550/0012 | SM.113–a |
| 18. Incompleteness and Undecidability | 1 | 550/0011 | Ph.115–a |
| 19. Ideas in Mathematics and Science | 1 | 550/0026 | Ph.110, SM.108–a |
| 20. Philosophy of Mathematics (two-year course) | 1 | 500/0012 | Ph.116, Ph.128 |
| 21. Applied Abstract Analysis | 1 | 550/0035 | SM.107–a |

Statistics

| | | | |
|---|---|----------|------------------------------|
| 30. Probability, Distribution Theory and Inference (to follow course 4) | 1 | 790/0003 | SM.206–207a |
| 31. Statistical Theory (3rd-year course) | 1 | 790/0016 | SM.218–220, SM.304–a |
| 32. Statistical Techniques and Packages (3rd-year course) | 1 | 790/0015 | SM.204–a, SM.213–217 |
| 33. Statistical Techniques for Management Sciences (not to be taken with 31, 32, or 34) | 1 | 790/0014 | SM.210–213a |
| 34. Statistical Methods for Actuarial Science (3rd-year course) (not to be taken with 31 or 33) | 1 | 790/0017 | SM.218–219, SM.221, SM.304–a |
| 35. Statistical Demography | 1 | 790/0820 | Pn.107–a |
| 36. Econometric Theory (two-year course) | 1 | 340/0011 | SM.231–232a |

Computing and Operational Research

| | | | |
|--|---|----------|--------------------|
| 40. Systems Analysis and Design (to follow course 5) | 1 | 295/0004 | SM.308–310 |
| 41. Applications of Computers | 1 | 295/0005 | — |
| 42. Numerical Methods | 1 | 295/0002 | SM.304–a, SM.312–a |
| 43. Operational Research Techniques and Simulation | 1 | 790/0013 | SM.314–a, SM.317–a |
| 44. Mathematical Programming | 1 | 340/0053 | SM.315–316a |
| 45. Operational Research Methods (not to be taken with 43 or 44) | 1 | 340/0016 | SM.314–315a |

Actuarial Science and Economics

| | | | |
|---|---|----------|----------|
| 50. Actuarial Investigations: Statistical and Financial | 1 | 340/0029 | SM.235–a |
|---|---|----------|----------|

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------------|----------------------------------|-------------------------------------|
| 51. Actuarial Life Contingencies | 1 | 340/0030 | SM.236-a |
| 52. Accounting and Finance I (to follow course 7(a)) | 1 | 340/0052 | Ac.104-105a |
| 53. (a) Economic Principles (to follow course 6) | 1 | 340/0040 | Ec.111-a |
| (b) Principles of Economics treated Mathematically (to follow course 6) | 1 | 340/0041 | Ec.113-a |
| 54. Theory of Business Decisions (to follow course 6) | 1 | 340/0037 | Ec.134-a |
| 55. Economics of Investment and Finance (to follow course 54) | 1 | 340/0039 | Ec.135-a |
| 56. Economics of Industry | 1 | 340/0042 | Ec.132-a |
| 57. Applied Econometrics (two-year course) (not to be taken with 58 or 59) | 1 | 340/0014 | Ec.116-117, Ec.122-123 |
| 58. Quantitative Economics | 1 | 340/0046 | Ec.116-120, Ec.122-123 |
| 59. Quantitative Economics II | 1 | 340/0047 | Ec.124 |

Other Courses

Courses to the value of at most two course-units from:

| | | | |
|---|---|----------|------------|
| 70. A course in Social Psychology | 1 | | |
| 71. Applied Spatial Analysis | 1 | 420/0204 | Gy.200-201 |
| 72. Urban and Regional Systems | 1 | 420/0396 | Gy.309-a |
| 73. A Course or courses from the list of course units available to non-specialists (timetable permitting) | | | |

Subject to departmental approval, students may also offer first year courses which they have not taken or, where practicable courses taught at other colleges of the University. (These courses sometimes occupy half a year and are valued at half a unit. Students should not offer an odd number of such half units.) Note that 13 and 14 are offered in alternate years.

3 Management Sciences

3.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.

3.2 All candidates are normally required to take courses 3-7 and courses to the value of one unit from 30-34 or 40-44. In addition, all candidates are required to select at least one of the fields *Systems Analysis*, *Operational Research* or *Management Statistics* as their core field of study. The normal course requirements for the core fields are as follows:

Systems Analysis: Courses 20, 23, 24(a) and 25.

Operational Research: Courses 21, 22 and 25.

Management Statistics: Courses 23, 25 and 26.

The remaining courses are chosen under tutorial guidance.

3.3 Course 3 is normally taken in the first year. Courses 4 and 5 are taken in the first year by students with 'A' level Mathematics. Other students take course 1 in the first year and courses 4 and 5 in their second year. Courses 1 and 2 may only be taken in the first year.

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|-------------------------------------|-----------------------------|----------------------------------|-------------------------------------|
| First Year | | | |
| 1. Basic Mathematics for Economists | 1 | 340/0036 | Ec.103-a, SM.100-a |

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|-------------------------------------|
| 2. Basic Statistics | 1 | 790/0012 | SM.200-a |
| 3. Elements of Computer Science | 1 | 295/0001 | SM.302-a, SM.305-a, SM.311 |
| 4. Elementary Mathematical Methods | 1 | 550/0021 | SM.102-a |
| 5. Elementary Statistical Theory | 1 | 790/0001 | SM.204-a |
| 6. One of | | | |
| (a) Economics A | 1 | 340/0010 | Ec.101-a |
| (candidates will be expected to take A2) | 1 | | |
| (b) Economics B | 1 | 340/0023 | Ec.102-a |
| (c) Introduction to Mathematical Economics | 1 | 340/0006 | Ec.104-a |
| 7. Elements of Accounting and Finance | 1 | 340/0035 | Ac.100-101a, Ac.103 |
| 8. One of | | | |
| (a) Introduction to Individual and Social Psychology | 1 | 720/0106 | Ps.100-a |
| (b) English Legal Institutions | 1 | 520/0001 | LL.160-a |
| (c) Introduction to Sociology | 1 | 780/1101 | So.100-a |
| (d) A course from the list of course units available to non-specialists | | | |

Second and Third Year

Systems Analysis, Operational Research and Management Statistics

| | | | |
|---|---|----------|-----------------------|
| 20. Systems Analysis and Design (3) | 1 | 295/0004 | SM.308-310a |
| 21. Mathematical Programming (4) | 1 | 340/0053 | SM.315-316a |
| 22. Operational Research Techniques and Simulation (3, 4, 5) | 1 | 790/0013 | SM.314-a, SM.317-a |
| 23. Operational Research Methods (not to be taken if 21 or 22 are taken) (4, 5) | 1 | 340/0016 | SM.314-315a |
| 24. One of | | | |
| (a) Applications of Computers (20) | 1 | 295/0005 | — |
| (b) Applied Management Science (21, 22) | 1 | 340/0055 | — |
| 25. Statistical Techniques for Management Sciences (4, 5) | 1 | 790/0014 | SM.210-213a |
| 26. Marketing and Market Research | 1 | 790/0018 | SM.222 |

Economics and Finance

| | | | |
|---|---|----------|-------------|
| 30. One of | | | |
| (a) Economic Principles | 1 | 340/0040 | Ec.111-a |
| (b) Principles of Economics treated Mathematically (4, 6) | 1 | 340/0041 | Ec.113-a |
| 31. Theory of Business Decisions (6) | 1 | 340/0037 | Ec.134-a |
| 32. Economics of Investment and Finance (31) | 1 | 340/0039 | Ec.135-a |
| 33. Economics of Industry (6) | 1 | 340/0042 | Ec.132-a |
| 34. Accounting and Finance I (7) | 1 | 340/0052 | Ac.104-105a |

Organisation and Industrial Relations

| | | | |
|--------------------------------------|---|----------|-----------------------|
| 40. Organisation Theory and Practice | 1 | 340/0045 | Id.107&b |
| 41. Public Administration | 1 | 340/0044 | Gv.154-156, Gv.216 |
| 42. One of | | | |
| (a) Elements of Labour Law | 1 | 520/0004 | LL.162-a |
| (b) Elements of Commercial Law | 1 | 520/0005 | LL.161-a |
| 43. Industrial Sociology (8c) | 1 | 780/2604 | So.140-a |
| 44. A course in Social Psychology | 1 | | |

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|-------------------------------------|
| Mathematics and Statistics | | | |
| 50. Actuarial Investigations: Statistical and Financial (5) | 1 | 340/0029 | SM.235-a |
| 51. Actuarial Life Contingencies (4) | 1 | 340/0030 | SM.236-a |
| 52. Mathematical Methods (4) | 1 | 550/0012 | SM.113-a |
| 53. Games, Decisions and Gambling (52) | 1 | 550/0024 | SM.106(i)&(ii)-a |
| 54. Numerical Methods (4) | 1 | 295/0002 | SM.304-a, SM.312-a |
| 55. Probability, Distribution Theory and Inference (5) | 1 | 790/0003 | SM.206-207a |
| 56. Introduction to Analysis and Set Theory (1) | 1 | 550/0003 | SM.103-a |
| 57. Introduction to Algebra (1) | 1 | 550/0020 | SM.101-a |

Courses listed as available in the first year (other than 1 or 2) may also be offered in the second or third year (if not already taken) subject to departmental approval. Where practicable, students may also offer course units taught at other colleges of the University. **Note** that the numbers in parentheses following the courses listed refer to those courses which are prerequisite or corequisite for the course in question.

4 Mathematics and Philosophy

- 4.1 Candidates will normally be expected to take courses to the value of four course units in each of the three years of the course of study.
- 4.2 All students take courses 1-6, 7 or 8, 18 and 19. The remaining courses are selected under tutorial guidance from the other courses listed. At least one of 5 and 6 and at least one of 7 and 8 must be taken in the second year.

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|-------------------------------------|
| First Year | | | |
| 1. Introduction to Analysis and Set Theory | 1 | 550/0003 | SM.103-a |
| 2. Introduction to Algebra | 1 | 550/0020 | SM.101-a |
| 3. Introduction to Mathematical Logic | 1 | 500/0013 | Ph.114-a |
| 4. Introduction to Scientific Method | 1 | 500/0003 | Ph.100-a, Ph.102 |
| Second and Third Years | | | |
| 5. Incompleteness and Undecidability | 1 | 500/0011 | Ph.115-a |
| 6. Sets and Models | 1 | 550/0034 | SM.110-a |
| 7. Further Analysis | 1 | 550/0022 | SM.104-a |
| 8. Further Algebra | 1 | 550/0023 | SM.105-b |
| 9. Topology and Convexity | 1 | 550/0031 | SM.109-a |
| 10. Games, Decisions and Gambling | 1 | 550/0024 | SM.106(i)&(ii)-a |
| 11. Infinite Abelian Groups | 1 | 550/0032 | SM.112(i)-a |
| 12. Category Theory | 1 | 550/0036 | SM.112(ii)-a |
| 13. Scientific Method | 1 | 500/0007 | Ph.101, Ph.104, Ph.111, Ph.126 |
| 14. The Rise of Modern Science, Copernicus to Newton | 1 | 500/0005 | Ph.109-a |
| 15. Epistemology and Metaphysics | 1 | 500/0006 | Ph.108, Ph.111, Ph.125 |
| 16. Ideas in Mathematics and Science | 1 | 550/0026 | Ph.110, SM.108-a |
| 17. An essay of 5,000-7,000 words written during the course of study on an approved topic in Philosophy | 1 | 500/0008 | |

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| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------------|----------------------------------|-------------------------------------|
| 18. History of Modern Philosophy, Bacon to Kant (<i>two-year course</i>) | 1 | 500/0004 | Ph.106-107a |
| 19. Philosophy of Mathematics (<i>two-year course</i>) | 1 | 500/0012 | Ph.116, Ph.128 |

(Note that 11 and 12 are offered in alternate years.)

5 Social Anthropology

- 5.1 Candidates for Honours are required to take courses to the value of ten course units during three years. They will normally be taken in the following sequence: three in the first year, three in the second year and four in the third year.
- 5.2 There will be no exemption from first-year courses.
- 5.3 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 5.4 A candidate is required to take the following courses:

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------------|----------------------------------|-------------------------------------|
| First Year | | | |
| 1. Introduction to Social Anthropology | 1 | 180/0037 | An.100-a |
| 2. Race and Culture | 1 | 180/0036 | An.101-a |
| 3. Elementary Ethnography | 1 | 180/0403 | An.102-a |
| Second Year | | | |
| 1. Studies of Kinship | 1 | 180/0404 | An.202-a |
| 2. Political and Economic Institutions | 1 | 180/0401 | An.201-a |
| 3. An approved course or courses to the value of one course-unit on a subject outside Anthropology. | | | |
| Third Year | | | |
| 1. Magic and Religion | 1 | 180/0408 | An.300-a |
| 2. Advanced Theory of Social Anthropology | 1 | 180/0411 | An.303-a |
| 3. One of the following: | | | |
| (a) Advanced Ethnography | 1 | 180/0409 | An.301-a |
| (b) Anthropological Linguistics | 1 | 180/0410 | An.302-a, Ln.100-a |
| (c) Social Aspects of Political and Economic Development | 1 | 180/0414 | An.304-a |
| 4. (a) Special Essay Paper in Social Anthropology (One essay of 6,000 words or two essays each of 3,000 words) | 1 | 180/0413 | |
| (b) Another course unit in Anthropology approved by the Department | 1 | | |

6 Social Anthropology and Mediaeval History

- 6.1 Candidates are normally required to take courses to the value of ten course units during three years. They will normally be taken in the following

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sequence: three in the first year, three in the second year and four in the third year.

6.2 A candidate is required to take the following courses:

| | <i>Value in Course Units</i> | <i>Course Registration Number</i> | <i>Lectures Classes and Seminars</i> |
|---|--------------------------------------|---|--|
| First Year | | | |
| Three from the following (at least one from history and one from anthropology). | | | |
| 1. Introduction to Social Anthropology | 1 | 180/0037 | An.100-a |
| 2. Elementary Ethnography | 1 | 180/0403 | An.102-a |
| 3. British History down to the end of the 14th Century | 1 | 480/0022 | Hy.201-a |
| 4. European History 400-1200 | 1 | 480/0021 | Hy.204 |
| Second Year | | | |
| Three from the following (at least one from history and one from anthropology). | | | |
| 5. Studies of Kinship | 1 | 180/0404 | An.200-a |
| 6. Political and Economic Institutions | 1 | 180/0401 | An.201-a |
| 7. English History 1399-1603 | 1 | 480/0010 | Hy.111, Hy.202 |
| 8. European History 1200-1500 | 1 | 420/0023 | Hy.205 |
| 9. Economic History of England 1216-1603 | 1 | 340/0043 | EH.108-a |
| 10. Comparative Social Structures I: Complex Pre-industrial Societies | 1 | 780/1103 | So.103-a |
| 11. Sociology of Religion | 1 | 780/2605 | So.142-a |
| 12. An approved paper on Middle East or African History | 1 | | |
| Third Year | | | |
| Three from the following (at least one from history and one from anthropology) together with the essay. | | | |
| 13. Magic and Religion | 1 | 180/0408 | An.300-a |
| 14. Advanced Theory of Social Anthropology | 1 | 180/0411 | An.303-a |
| 15. English Society from the Reign of Henry I to the Reign of Henry III, 1100-1272 | 1 | | |
| 16. The Tudor Court | 1 | | |
| 17. The Economic History of England 1350-1500 | 1 | | |
| 18. Paganism and Christianity in the Age of Augustine | 1 | | |
| 19. Ireland before the Vikings | 1 | | |
| 20. Essay on an approved topic in Social Anthropology and/or Mediaeval History | 1 | | |

7 Social Psychology

- 7.1 Candidates are normally required to take courses to the value of twelve course units during the three years of study.
- 7.2 In the final year each candidate is required to carry out a research project under the supervision of a member of staff.
- 7.3 The level of Honours awarded to a candidate will be determined largely by the assessments and examinations of courses taken in the second and third years. Less weight will be given to performance in courses in the first year.
- 7.4 A candidate is required to take the following courses:

*Value in
Course
Units* *Course
Registration
Number* *Lectures
Classes and
Seminars*

For students who registered in and before October 1979

First Year

| | | | |
|---|---|-------------|---|
| 1. Introduction to Individual and Social Psychology | 1 | 720/0106 | — |
| 2. Cognitive Psychology I | ½ | 720/0105 | — |
| 3. Biological Bases of Behaviour | ½ | 24/804/0003 | — |
| 4. Methods of Psychological Research I | ½ | 720/0107 | — |
| 5. Statistical Methods in Social Research | ½ | 720/0108 | — |
| 6. One course outside Psychology | 1 | — | — |

Second Year

| | | | |
|---|---|----------|---|
| 1. Social Psychological Processes | ½ | 720/0207 | — |
| 2. Personality and Abnormal Behaviour | ½ | 720/0209 | — |
| 3. Cognitive Psychology II | ½ | 720/0210 | — |
| 4. The Psychological Development of the Child I | ½ | 720/0208 | — |
| 5. Methods of Psychological Research II | 1 | 720/0211 | — |
| 6. One course outside Psychology | 1 | — | — |

Third Year

| | | | |
|---|---|----------|----------------|
| 1. Advanced Study of Psychological Processes | 1 | 720/0313 | Ps.115-a |
| 2. Social Change and Social Organisations | 1 | 720/0314 | Ps.116-a |
| 3. Methods of Psychological Research III: Project and Data Analysis | 1 | 720/0312 | Ps.152 |
| 4. and 5. Courses to the value of one unit from the following list: | | | |
| Child Development | ½ | 720/0303 | Ps.118 |
| Personality and Motivation | ½ | 720/0305 | Ps.119 |
| Social Psychology of Conflict | ½ | 720/0309 | Ps.156 |
| Communication and Attitude Change | ½ | 720/0307 | Ps.120, Ps.150 |
| Applications of Social Psychology | ½ | 720/0310 | Ps.159 |
| Psycholinguistics | ½ | 720/0306 | Ps.160 |

Courses outside Social Psychology—please see list on pages 198-200.

For students registering in and after October 1980

*Value in
Course
Units* *Course
Registration
Number* *Lectures
Classes and
Seminars*

First Year

| | | | |
|---|---|----------|-------------------|
| Introduction to Individual and Social Psychology | 1 | 720/0106 | Ps.100-a |
| Methods of Psychological Research I: | | | |
| General and Statistical | 1 | 720/0109 | Ps.105-a, SM.202a |
| Developmental and Biological Aspects of Behaviour | 1 | 720/0110 | Ps.103-a |
| Course outside Psychology | 1 | — | — |

Second Year

| | | | |
|---------------------------------------|---|----------|----------|
| Personality and Social Behaviour | 1 | 720/0213 | Ps.106-a |
| Cognitive Psychology | 1 | 720/0212 | Ps.109-a |
| Methods of Psychological Research II: | | | |
| Social and Statistical | 1 | 720/0211 | Ps.108 |
| Course outside Psychology | 1 | — | — |

Third Year

| | | | |
|--|---|----------|----------|
| 1. Advanced Study of Psychological Processes | 1 | 720/0313 | Ps.115-a |
| 2. Social Change and Social Organisations | 1 | 720/0314 | Ps.116-a |

| | <i>Value in Course Units</i> | <i>Course Registration Number</i> | <i>Lectures Classes and Seminars</i> |
|--|--------------------------------------|---|--|
| 3. Methods of Psychological Research III: Project and Data Analysis | 1 | 720/0312 | Ps.152 |
| 4. and 5. Courses to the value of one unit from the following list: | | | |
| Child Development | ½ | 720/0303 | Ps.118 |
| Personality and Motivation | ½ | 720/0305 | Ps.119 |
| Social Psychology of Conflict | ½ | 720/0309 | Ps.156 |
| Communication and Attitude Change | ½ | 720/0307 | Ps.120, Ps.150 |
| Applications of Social Psychology | ½ | 720/0310 | Ps.159 |
| Psycholinguistics | ½ | 720/0306 | Ps.160 |

Courses outside Social Psychology—please see list on pages 198–200.

8 Sociology

(for candidates beginning in and before 1980)

- 8.1 Candidates are required to take courses to the value of twelve course units, with a minimum of four course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 8.2 To qualify for Honours in Sociology a candidate is required to complete seven course units in Sociology, including the five compulsory courses and to pass in Sociology courses to the value of six course units.
- 8.3 A candidate may take up to five course units in courses outside Sociology.
- 8.4 A candidate will not normally be permitted to take more than a total of four courses valued at a half course unit during the three years of study.
- 8.5 A candidate may be permitted to submit a report of not more than 10,000 words on a topic approved by the convener of the department of Sociology in substitution for a course or courses to the value of one course unit in List A. The report must be presented not later than 1 May in the academic year of submission.
- 8.6 A candidate is required to take the following courses:

| | <i>Value in Course Units</i> | <i>Course Registration Number</i> | <i>Lectures Classes and Seminars</i> |
|--|--------------------------------------|---|--|
| First Year | | | |
| 1. Introduction to Sociology | 1 | 780/1101 | — |
| 2. Methods of Social Research | 1 | 790/1401 | — |
| 3. A course to the value of one unit from List B | 1 | — | — |
| 4. A course or courses to the value of not more than one unit from Lists A or B | 1 | — | — |
| Second Year | | | |
| 1. Comparative Social Structures: I | 1 | 780/1103 | So.103 |
| 2. Sociological Theory | 1 | 780/1201 | So.105–a |
| 3. and 4. Courses to the value of at least two units from List A and/or List B | 2 | — | — |
| Third Year | | | |
| 1. Comparative Social Structures: II | 1 | 780/1104 | So.104–a |
| 2, 3, and 4. Courses to the value of at least three units from List A and/or List B | 3 | — | — |

Optional Courses

List A: Courses in Sociology

| | <i>Value in Course Units</i> | <i>Course Registration Number</i> | <i>Normally Taken in Year</i> | <i>Lectures Classes and Seminars</i> |
|--|--------------------------------------|---|---------------------------------------|--|
| Social and Moral Philosophy | 1 | 780/2507 | 1,2 or 3 | So.111–a |
| Social Philosophy | 1 | 780/2509 | 2 or 3 | Ph.103–a |
| Contemporary Sociological Theory | 1 | 780/2204 | 3 | So.110–a |
| The Social Structure of Modern Britain | 1 | 780/2301 | 1, 2 or 3 | So.120–a |
| The Social Structure of the Soviet Union | 1 | 780/2304 | 2 or 3 | So.121–a |
| The Development of Modern Japanese Society | 1 | 780/2306 | 2 or 3 | So.122–a |
| Political Sociology | 1 | 780/2603 | 2 or 3 | So.130–a |
| Political Processes and Social Change | 1 | 780/2202 | 2 or 3 | So.131–a |
| Industrial Sociology | 1 | 780/2604 | 2 or 3 | So.140–a |
| Sociology of Religion | 1 | 780/2605 | 1, 2 or 3 | So.142–a |
| Urban Sociology | 1 | 780/2611 | 2 or 3 | So.134–a |
| Industrialisation and Theories of Social Change | 1 | 780/2201 | 2 or 3 | So.132–a |
| Criminology | 1 | 780/2601 | 2 or 3 | So.143–a |
| Sociology of Deviant Behaviour | 1 | 780/2602 | 2 or 3 | So.144–a |
| Society and Literature | 1 | 780/2610 | 2 or 3 | So.113–a |
| Sociology of Knowledge and Science | 1 | 780/2609 | 2 or 3 | So.112–a |
| Sociology of Sex and Gender Roles: Women in Society | 1 | 780/2608 | 2 or 3 | So.141–a |
| Race Relations and Minority Groups | 1 | 780/2203 | 2 or 3 | SA.122–b |
| Theories and Problems of Nationalism | 1 | 780/2612 | 2 or 3 | So.133–a |

List B: Courses outside Sociology—please see list on pages 198–200.

(for students beginning in or after October 1981)

- 8.1 Candidates are required to take courses to the value of twelve course units, with a minimum of four course units each year. Courses will normally be examined at the end of the session in which they are taught.
- 8.2 To qualify for Honours in Sociology a candidate is required to complete seven course units in Sociology, including the six compulsory courses and to pass in Sociology courses to the value of six course units.
- 8.3 In addition a candidate will be required to complete the course Methods of Statistical Analysis.
- 8.4 The compulsory course unit Issue and Methods of Social Research may be taken in any one of the three years.
- 8.5 A candidate may take up to five course units in courses outside Sociology.
- 8.6 A candidate will be required to submit a report of not more than 10,000 words on a sociological topic to be approved by the convener of the department of Sociology. The report (Unit Essay) must be presented not later than 1 May in the academic year of submission.
- 8.7 A candidate is required to take the following courses:

| | <i>Value in Course Units</i> | <i>Course Registration Number</i> | <i>Lectures Classes and Seminars</i> |
|--|--------------------------------------|---|--|
| First Year | | | |
| 1. Introduction to Sociology | 1 | 780/1101 | So.100–a |
| 2. Methods of Statistical Analysis | 1 | 790/1410 | SM.202–a |
| 3. A course to the value of one unit from List B | 1 | — | — |
| 4. A course or courses to the value of not more than one unit from either List A or List B | 1 | — | — |

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|--|-----------------------------|----------------------------------|-------------------------------------|
| Second Year | | | |
| 1. Comparative Social Structures: I | 1 | 780/1103 | So.103 |
| 2. Sociological Theory | 1 | 780/1201 | So.105-a |
| 3. and 4. Courses to the value of at least two units from List A and/or List B | 2 | — | — |
| Third Year | | | |
| 1. Comparative Social Structures: II | 1 | 780/1104 | So.104-a |
| 2. Unit Essay | — | — | — |
| 3. and 4. Courses to the value of at least two units from List A and/or List B | 2 | — | — |

(Note: these must include Issues and Methods of Social Research unless already taken)

Optional Courses

| List A: Courses in Sociology | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|------------------------------|-------------------------------------|
| Issues and Methods of Social Research | 1 | 780/1402 | 1,2 or 3 | SA.115, So.102 |
| Social and Moral Philosophy | 1 | 780/2507 | 1,2 or 3 | So.111-a |
| Social Philosophy | 1 | 780/2509 | 2 or 3 | Ph.103-a |
| Contemporary Sociological Theory | 1 | 780/2204 | 3 | So.110-a |
| The Social Structure of Modern Britain | 1 | 780/2301 | 1,2 or 3 | So.120-a |
| The Social Structure of the Soviet Union | 1 | 780/2304 | 2 or 3 | So.121-a |
| The Development of Modern Japanese Society | 1 | 780/2306 | 2 or 3 | So.122-a |
| Political Sociology | 1 | 780/2603 | 2 or 3 | So.130-a |
| Political Processes and Social Change | 1 | 780/2202 | 2 or 3 | So.131-a |
| Industrial Sociology | 1 | 780/2604 | 2 or 3 | So.140-a |
| Sociology of Religion | 1 | 780/2605 | 1,2 or 3 | So.142-a |
| Urban Sociology | 1 | 780/2611 | 2 or 3 | So.134-a |
| Industrialisation and Theories of Social Change | 1 | 780/2201 | 2 or 3 | So.132-a |
| Criminology | 1 | 780/2601 | 2 or 3 | So.143-a |
| Sociology of Deviant Behaviour | 1 | 780/2602 | 2 or 3 | So.144-a |
| Society and Literature | 1 | 780/2610 | 2 or 3 | So.113-a |
| Sociology of Knowledge and Science | 1 | 780/2609 | 2 or 3 | So.112-a |
| Sociology of Sex and Gender Roles: Women in Society | 1 | 780/2608 | 2 or 3 | So.141-a |
| Race Relations and Minority Groups | 1 | 780/2203 | 2 or 3 | SA.122-b |
| Theories and Problems of Nationalism | 1 | 780/2612 | 2 or 3 | So.133-a |

List B: Courses outside Sociology—please see list on pages 198-200.

9 French Studies

Candidates will normally be expected to take courses to the value of four course-units during each of the three years of study.

A candidate is required to take the following courses:

| | Value in Course Units | Course Registration Number | Lectures Classes and Seminars |
|---|-----------------------------|----------------------------------|-------------------------------------|
| First Year | | | |
| 1. The Development of Ideas and Literature in France in the 17th and 18th Centuries | 1 | 750/0030 | Ln.202-a |
| 2. and 3. Two of the following: | | | |
| (a) The History of European Ideas since 1700 | 1 | 480/0013 | Hy.102-a |
| (b) European History c. 1600-1789 | 1 | 480/0019 | Hy.113-114 |
| (c) The Language of Politics: An Introduction to Political Theory | 1 | 340/0025 | Gv.101-a |
| (d) The Structure of International Society | 1 | 340/0026 | IR.101-a |
| 4. Either (a) Main Trends in Contemporary French Thought, Literature and Language | 1 | 750/0034 | Ln.200-a |
| or (b) Any other approved course unit | — | — | — |
| Second Year | | | |
| 5. The Development of Modern French | 1 | 750/0109 | Ln.201-a |
| 6. Either (a) The History of Ideas in France in the 19th and 20th Centuries | 1 | 480/0020 | Ln.203-a |
| or (b) French Literature in the 19th and 20th Centuries | 1 | 750/0002 | Ln.204-a |
| 7. The Social and Political History of France since 1870 | 1 | 480/0012 | Ln.220-a |
| 8. One of the following: | | | |
| (a) Economic History of Western Europe from 1815 | 1 | 340/0032 | EH.105-a |
| (b) The Politics of Western European Integration | 1 | 340/0033 | IR.122-123 |
| (c) Foreign Policy Analysis | 1 | 340/0034 | IR.105-107 |
| (d) Either (i) An approved modern foreign language other than French | 1 | — | — |
| or (ii) Elementary Linguistics | 1 | 290/0002 | Ln.100-a |
| or (iii) Language, Mind and Society (to follow course 290/0002) | 1 | 290/0006 | Ln.101-102a |
| (e) European History 1789-1945 | 1 | 480/0018 | Hy.100, Hy.115 |
| (f) World History since 1890 | 1 | 480/0016 | Hy.101-a |
| Third Year | | | |
| 9. Translation from and into French | 1 | 750/0014 | Ln.210 |
| 10. (a) Report | ½ | 750/0032 | |
| (b) Oral | ½ | 750/0033 | Ln.211 |
| 11. The Politics and Government of France | 1 | 340/0020 | Gv.163-a |
| 12. One of the following: | | | |
| (a) French Thought in the 20th Century | 1 | 750/0008 | Ln.217 |
| (b) The French Language in the 20th Century | 1 | 750/0021 | Ln.218 |
| (c) French Theatre of the Avant-Garde | 1 | 750/0009 | Ln.219-a |

Students will normally be expected to spend the third year of the 4-year course abroad.

List of course units available for selection by non-specialists where the regulations for the Main Field of study permit, subject to the approval of their tutors and the teaching department and to the successful completion of prerequisites where necessary.

| Subject | Course | Value in Course Units | Normally Taken in Year | Course Registration Number | Prerequisite | Lectures, Classes and Seminars |
|----------------------|--|-----------------------|------------------------|----------------------------|--------------|--------------------------------|
| Anthropology | Introduction to Social Anthropology | 1 | any | 180/0037 | | An.100-a |
| | Race and Culture | 1 | any | 180/0036 | | An.101-a |
| | Elementary Ethnography | 1 | any | 180/0403 | | An.102-a |
| | Studies of Kinship | 1 | 2 or 3 | 180/0404 | 180/0037 | An.200-a |
| | Political and Economic Institutions | 1 | 2 or 3 | 180/0401 | 180/0037 | An.201-a |
| | Magic and Religion | 1 | 3 | 180/0408 | 180/0037 | An.300-a |
| Economic History | The Economic History of Great Britain and the U.S.A. 1850-1939 | 1 | any | 340/0008 | | EH.100-a |
| | English Society in the Nineteenth Century | 1 | any | 340/0048 | | EH.104-a |
| | Economic History of the United States of America from 1783 | 1 | 2 or 3 | 340/0038 | | EH.106-a |
| | Economic and Social History of Britain from 1815 | 1 | 2 or 3 | 340/0051 | | EH.103-a |
| | Economic History of Latin America from Independence to the present Day | 1 | 2 or 3 | 340/0050 | | EH.110-a |
| Economics | Economics A | 1 | any | 340/0010 | | Ec.100-a or Ec.101-a |
| | General Economics | 1 | 2 or 3 | 340/0019 | 340/0010 | Ec.110-a |
| | Economics and Geography of Transport | 1 | 2 or 3 | 340/0024 | 340/0010 | Ec.149-150, Ec.232 |
| Geography | Introduction to Human Geography | 1 | any | 420/0004 | | Gy.100-a |
| Government | Modern Politics and Government with Special Reference to Britain | 1 | any | 340/0018 | | Gv.150-a |
| History | English History 1399-1603 | 1 | any | 480/0010 | | Hy.111, Hy.202 |
| | British History 1603-1760 | 1 | any | 480/0017 | | Hy.112, Hy.202 |
| | British History 1760-1914 | 1 | any | 480/0024 | | Hy.203&b |
| | International History 1815-1914 | 1 | any | 480/0004 | | Hy.116-a |
| | International History since 1914 | 1 | 2 or 3 | 480/0003 | | Hy.117-118 |
| Industrial Relations | Industrial Relations | 1 | any | 340/0022 | | Id.104&b |

| Subject | Course | Value in Course Units | Normally Taken in Year | Course Registration Number | Prerequisite | Lectures, Classes and Seminars |
|-------------------------|---|-----------------------|------------------------|----------------------------|--------------|--------------------------------|
| International Relations | The Structure of International Society | 1 | 1 | 340/0026 | | IR.101-a |
| | The International Political System | 1 | two-year course | 340/0004 | | IR.102-a, IR.104 |
| Language Studies | Elementary Linguistics | 1 | any | 290/0002 | | Ln.100-a |
| | Language, Mind and Society | 1 | 2 or 3 | 290/0006 | 290/0002 | Ln.101-102a |
| | Literature and Society in Britain 1830-1900 (not available 1981-82) | 1 | any | 380/0001 | | Ln.603 |
| | Literature and Society in Britain 1900 to the present day | 1 | any | 380/0002 | | Ln.603 |
| Law | English Legal Institutions | 1 | any | 520/0001 | | LL.160-a |
| | International Law | 1 | any | 520/0002 | | LL.112-a |
| | Law and Dispute Settlement in Pre-literate Societies | 1 | 2 or 3 | 520/0003 | | LL.122-a |
| Mathematics | Basic Mathematics for Economists | 1 | any | 340/0036 | | Ec.103-a, SM.100-a |
| | Elementary Mathematical Methods | 1 | any | 550/0021 | | SM.102-a |
| | Introduction to Analysis and Set Theory | 1 | any | 550/0003 | | SM.103-a |
| Philosophy | Introduction to Scientific Method | 1 | any | 500/0003 | | Ph.100-a, Ph.102 |
| | Introduction to Logic | 1 | any | 500/0002 | | Ph.112-a |
| | Social Philosophy | 1 | 2 or 3 | 780/2509 | | Ph.103-a |
| Population Studies | Population, Economy and Society | 1 | any | 340/0054 | | Pn.100-a |
| | Demographic Description and Analysis | 1 | 2 or 3 | 340/0057 | | Pn.101-a |
| Social Administration | Introduction to Social Policy | 1 | any | 775/0008 | | SA.100-a |
| Social Psychology | Introduction to Individual and Social Psychology | 1 | any | 720/0106 | | Ps.100-b |

| Subject | Course | Value in Course Units | Normally Taken in Year | Course Registration Number | Prerequisite | Lectures, Classes and Seminars |
|------------|--|-----------------------|------------------------|----------------------------|--------------|--------------------------------|
| Sociology | Personality and Social Behaviour | 1 | 2 or 3 | 720/0213 | 720/0106 | Ps.106-a |
| | Cognitive Psychology | 1 | 2 or 3 | 720/0212 | 720/0106 | Ps.109-a |
| | Social and Moral Philosophy | 1 | any | 780/2507 | | So.111-a |
| | Introduction to Sociology | 1 | any | 780/1101 | | So.100-a |
| | Comparative Social Structures I (Complex Pre-industrial Societies) | 1 | 2 or 3 | 780/1103 | 780/1101 | So.103-a |
| | Comparative Social Structures II (Industrial Societies) | 1 | 2 or 3 | 780/1104 | 780/1101 | So.104-a |
| | Sociological Theory | 1 | 2 or 3 | 780/1201 | 780/1101 | So.105-a |
| | Industrial Sociology | 1 | 2 or 3 | 780/2604 | 780/1101 | So.140-a |
| | Criminology | 1 | 2 or 3 | 780/2601 | 780/1101 | So.143-a |
| | Political Sociology | 1 | 2 or 3 | 780/2603 | 780/1101 | So.130-a |
| Statistics | The Social Structure of Modern Britain | 1 | any | 780/2301 | | So.120-a |
| | Sociology of Sex and Gender Roles: Women in Society | 1 | 2 or 3 | 780/2608 | | So.141-a |
| | Theories and Problems of Nationalism | 1 | 2 or 3 | 780/2612 | | So.133-a |
| | Elementary Statistical Theory | 1 | any | 790/0001 | | SM.204-a |

B.Sc. Chemistry and Philosophy of Science

Candidates for this combined field of study are registered at King's College and attend the L.S.E. on an intercollegiate basis for courses in Philosophy. The curriculum of individual candidates will be arranged by King's College, including such matters as the order in which courses are to be taken and the total number required of each candidate, though to be awarded Honours in Chemistry and Philosophy of Science it will be necessary for a candidate to have taken and passed courses in Philosophy at the L.S.E. with a total value of at least four course units. There will be no requirement on any candidate to take an examination in courses followed at the L.S.E. at the end of the second year of the three-year course. Courses in Philosophy available at the L.S.E. are as follows:

| | Value in Course Units | Course Registration Number | Normally Taken in Year | Lectures Classes and Seminars |
|--|-----------------------|----------------------------|------------------------|--------------------------------|
| 1. Introduction to Logic | 1 | 500/0002 | 1 | Ph.112-a |
| 2. Introduction to Scientific Method | 1 | 500/0003 | 1 | Ph.100-a, Ph.102 |
| 3. History of Modern Philosophy, Bacon to Kant (two-year course) | 1 | 500/0004 | 2 and 3 | Ph.106-107a |
| 4. The Rise of Modern Science, Copernicus to Newton | 1 | 500/0005 | 2 and 3 | Ph.109-a |
| 5. Epistemology and Metaphysics | 1 | 500/0006 | 2 and 3 | Ph.108, Ph.111, Ph.125 |
| 6. Scientific Method | 1 | 500/0007 | 2 and 3 | Ph.101, Ph.104, Ph.111, Ph.126 |
| 7. <i>Either</i> Logic | 1 | 500/0010 | 2 | Ph.112-113a, Ph.116 |
| <i>or</i> Incompleteness and Undecidability | 1 | 500/0011 | 2 and 3 | Ph.115-a |
| 8. <i>Either</i> an Essay of 5,000-7,500 words written during the course of study on a topic approved by the Philosophy Department | 1 | 500/0008 | | |
| <i>or</i> an Essay written under examination conditions on a Philosophical topic | | 500/0009 | | |

B.Sc. Social Science and Administration

The full regulations for this degree may be obtained from the School Registry.

Entrance Requirements

The entrance requirements for the degree are set out in the table on page 129.

Course of Study

The course of study extends over three years.

Details of Examination

An examination of first-year courses will be conducted by the School at the beginning of the third term. The results of this examination will not count towards the classification for Honours.

Lectures, Classes and Seminars

Subjects of Examination

The First Year Examination will consist of the following:

1. Introduction to Sociology

SA.109, SA.109(iii)a,
SA.110-a

2. Economics and Statistics

Ec.101, SA.114,
SA.114b, SM.202-a
SA.100-101a

3. History of Social Policy in the 19th and 20th Centuries

Each of the subjects 1-8 below may be examined at the discretion of the University by:

either

(a) an unseen written paper to count for 75 per cent., and an essay written in the candidate's own time to count for 25 per cent.

or

(b) an unseen written paper to count for 100 per cent.

At any one examination in any one subject all candidates will be examined by the same method and that method will be determined by the University and announced before the beginning of the first session for Stage 1 and before the beginning of the second session for Stage 2.

Under alternative (a) the unseen paper will be three hours and the candidates will be required to answer three questions. There will be a choice of questions. The essay should normally be of about 2,000 words and will be written on a topic from the field covered by the subject. There will be a choice of topics which will be published before the end of the preceding session. The essay must be handed in by 1 March in the second year of the course for subjects taken at Stage 1 and by 30 March in the third year of the course for subjects taken at Stage 2. A candidate who is examined under Scheme (a) above and who fails to satisfy the examiners in the subject as a whole will not be credited with a pass in either the unseen written element or the essay, and on re-entry to the examination, such a candidate will be required to sit the whole examination in the subject concerned.

Under alternative (b) the unseen paper will be three hours and the candidate will be required to answer four questions. There will be a choice of questions.

Examiners may test any candidate by means of oral questions.

The Final Examination will consist of the following:

*1. Either (a) Social Administration
or (b) Public Administration¹

Gv.150, SA.103-b

*2. Social Economics

Ec.105, SA.114c

*The papers marked with an asterisk will be examined at the beginning of sixth term of the course.

¹Not available to students of the School.

*3. Social Structure

*4. Social Investigation

5. Social Policy

6. Social and Political Theory

7. and 8. Two of the following, subject to the approval of the School and availability of the course concerned:

(a) Educational Policy and Administration

Lectures, Classes
and Seminars
SA.109(ii)a, So.120
SA.115-b&c
SA.102-b
SA.120a&b,
SA.107, So.105

(b) Race Relations and Minority Groups

SA.121-b

(c) Personal Social Services

SA.122-b

(d) Social Policy of Developing Countries

SA.123-b

(e) Housing and Urban Structure

SA.124

(f) Health Administration

SA.125-b

(g) Law and Social Policy

SA.126-b

(h) Social Theory and Social Policy 1870-1918

EH.104, SA.127

(i) General and Social Psychology

Ps.100, SA.116-117

(j) The Family in Law and in Society

—

(k) Political Sociology

—

(l) Values and Society

—

(m) Urban and Regional Economics

—

(n) Parliament, Policy-making and the Legislative Process

—

(o) British Social History in the 19th and 20th Centuries

—

(p) The Sociology of Medicine

—

(q) Sociology of Deviance and Control

SA.128, So.144

(r) Population Studies

—

(s) Sociology of Sex and Gender Roles: Women in Society

So.141-a

9. An essay of not more than 7,000 words to be submitted through the candidate's School or Institution by 31 January in the final year of the course. The topic of the essay must be approved by the candidate's teachers.

*The papers marked with an asterisk will be examined at the beginning of the sixth term of the course.

Degree of Bachelor of Laws

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

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

The attention of students taking the LL.B. degree is drawn to the advantages and concessions granted in professional training (see page 214).

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year. The Intermediate examination is normally held twice each year, in May or June and in September. A candidate offering himself for examination for the first time may not postpone his entry to the examination until September.

The examination consists of written papers in four subjects:

| | <i>Lectures, Classes and Seminars</i> |
|----------------------|---|
| Public Law | LL.100-a |
| Law of Contract | LL.101-a |
| Law of Property I | LL.102-a |
| English Legal System | LL.103-a |

A candidate who passes in three of the papers at an Intermediate examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate examination again.

In exceptional cases, with permission of the School, a candidate who fails to reach the minimum standard in two or more subjects in May or June, whether or not he has presented himself for all or any part of the examination, may be permitted to re-enter for the whole examination in September of the same year.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate examination. The Part I examination is normally held twice each year, in May or June and in September. A candidate offering himself for examination for the first time may not normally postpone his entry to the examination until September.

A candidate is required to satisfy the examiners in the following papers:

| | <i>Lectures, Classes and Seminars</i> |
|---------------------------------------|---|
| Law of Tort and in Criminal Law | LL.104-a |
| | LL.105-a |

and in other courses to the value of two subjects from the following lists:

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| (i) Property II | LL.110-a |
| Law of Evidence | LL.111-a |
| Public International Law | LL.112-a |
| Conflict of Laws | LL.113-a |
| Mercantile Law | LL.114-a |
| Labour Law | LL.115-a |
| Domestic Relations | LL.116-a |
| Law of Business Associations | LL.117-a |
| Local Government Law (Essay) | LL.118-a |
| International Protection of Human Rights | LL.119-a |
| Basic Principles of the Soviet and Yugoslav Legal Systems | LL.120-a |
| Legislation (Essay) | LL.121 |
| Law and Dispute Settlement in Pre-literate Societies | LL.122-a |
| Introduction to European Law | LL.123-a |
| Legal and Social Change since 1750 | LL.124-a |
| Housing Law | LL.125 |
| Administrative Law | LL.126 |
| Economic Analysis of Law | LL.127-a |
| Women and the Law | LL.128 |
| Law Relating to Civil Liberties | LL.129 |
| (ii) Sentencing and Treatment of Offenders | LL.140 |
| Legal Services to the Community (Essay) | LL.143 |
| Social Security Law I | LL.144 |
| Social Security Law II | LL.145 |
| Law of Landlord and Tenant (not if Housing Law is taken) | LL.146 |
| Race, Nationality and the Law | LL.147 |
| Sociological Theory and the Idea of Law | LL.148 |
| Outlines of Modern Criminology | LL.141 |
| Public Law and Economic Policy | LL.149 |
| Health Care and the Law | LL.142 |

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available each year.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half subject by writing an essay of about 6,000-8,000 words on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned, a candidate may be permitted to offer, as one of the two subjects required under this regulation, a law course taught at another School of the University of London and deemed to be of the value of one subject.

The Part I examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay will be required in that course to write an essay instead.

A candidate who passes courses to the value of three subjects and fails in the examination for the remaining courses may be referred in the paper(s) or essay(s) concerned: if he satisfies the examiners in the referred paper(s) or essay(s) at either of the two next following Part I examinations he is regarded as having passed the whole examination, otherwise he is required to take the whole of the Part I examination again.

A candidate who numbers an essay or essays amongst the courses in which he is referred will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who fails the Part I examination, including a failure in a course or

courses examinable by means of an essay, will be permitted to re-submit the same essay or essays, after revision, at the next Part I examination.

A candidate who includes amongst the courses taken at the June Part I Examination a course or courses examinable by means of an essay and satisfies the Examiners in that course or courses yet fails the Examination as a whole, will be permitted to carry forward to the next Part I Examination the mark achieved in the course or courses concerned and will be required to be re-examined in the remaining courses.

An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in courses to the value of two or more subjects in June to re-enter for the whole examination in September of the same year.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I examination.

The Part II examination is normally held once each year in May or June. A candidate is required to satisfy the examiners in:

Jurisprudence

*Lectures, Classes
and Seminars*
LL.106-a

He is also required to satisfy the examiners in other courses to the value of three subjects selected from the following lists:

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| (i) Property II | LL.110-a |
| Law of Evidence | LL.111-a |
| Public International Law | LL.112-a |
| Conflict of Laws | LL.113-a |
| Mercantile Law | LL.114-a |
| Labour Law | LL.115-a |
| Domestic Relations | LL.116-a |
| Law of Business Associations | LL.117-a |
| Local Government Law (Essay) | LL.118-a |
| International Protection of Human Rights | LL.119-a |
| Basic Principles of the Soviet and Yugoslav Legal Systems | LL.120-a |
| Legislation (Essay) | LL.121 |
| Law and Dispute Settlement in Pre-literate Societies | LL.122-a |
| Introduction to European Law | LL.123-a |
| Legal and Social Change since 1750 | LL.124-a |
| Housing Law | LL.125 |
| Administrative Law | LL.126 |
| Economic Analysis of Law | LL.127-a |
| Women and the Law | LL.128 |
| Law Relating to Civil Liberties | LL.129 |
| (ii) Sentencing and Treatment of Offenders | LL.140 |
| Legal Services to the Community (Essay) | LL.143 |
| Social Security Law I | LL.144 |
| Social Security Law II | LL.145 |
| Law of Landlord and Tenant (not if Housing Law is taken) | LL.146 |

Race, Nationality and the Law
Sociological Theory and the Idea of Law
Outlines of Modern Criminology
Public Law and Economic Policy
Health Care and the Law

*Lectures, Classes
and Seminars*
LL.147
LL.148
LL.141
LL.149
LL.142

Each course in list (i) counts as one subject, while each course in list (ii) counts as one half subject. A candidate may not select more than four courses from list (ii). All the courses in lists (i) and (ii) will not necessarily be available every year. A candidate may not offer a course which he has previously offered in the Part I examination.

A candidate who selects courses to the value of three and a half subjects will be required to make up the remaining half-subject by writing an essay on a legal topic approved by the School.

At the discretion of the School and with the permission of the other School concerned a candidate may be permitted to offer, as one of the three subjects required under this regulation, a Law course taught at another School of the University of London and deemed to be of the value of one subject.

The Part II examination is conducted by written papers with the exception that a candidate who offers any course which is identified as being examinable by means of an essay, will be required in that course, to write an essay instead. A candidate who offers an essay will not be permitted to offer the same essay at any succeeding examination.

The Examiners may, if they think fit, require any candidate at the Part II examination to present himself for an oral examination. An oral examination is compulsory for any candidate who offers an essay and questions put to him in the oral examination may extend to cover the wider background aspects of the essay.

Degree of Bachelor of Laws with French Law

The degree is part of a collaborative agreement between the L.S.E. and the University of Strasbourg, where the third year of the course is taken.

The examination for the degree consists of two parts, namely Part I and Part II. In order to qualify for admission to the course leading to the Part II examination a candidate is required to pass the examination for the Diplôme d'études juridiques de Strasbourg, hereinafter called the Diploma.

Candidates are required to enter for examinations at the School by applying to the Examinations Office of the School. Candidates who are not registered as full-time or part-time students at the School are required to pay a fee on entry or re-entry to an examination. Details are available on request from the Examinations Office.

The examiners may require any candidate at the Intermediate, Part I and Part II Examinations to present himself for an oral examination, and an oral examination shall be compulsory for any candidate offering an essay.

INTERMEDIATE EXAMINATION

A candidate is eligible to present himself for the Intermediate Examination after having satisfactorily attended the prescribed course of study at the School extending over not less than one academic year.

The Intermediate Examination shall be held twice each year in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry to the examination in September. The examination consists of four written papers in the following subjects:

1. Public Law
2. Law of Contract
3. Law of Property I
4. English Legal System

*Lectures, Classes
and Seminars*
LL.100-a
LL.101-a
LL.102-a
LL.103-a

In addition, each candidate is required to follow the first year of an approved course of instruction in French Language at the School.

A candidate who passes in three of the papers at an Intermediate Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Intermediate Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Intermediate Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

A candidate who has passed the Intermediate Examination may be permitted by the School to transfer to the LL.B. degree.

PART I EXAMINATION

A candidate is eligible to present himself for the Part I Examination after having satisfactorily attended the prescribed course of study extending over one year subsequent to passing the Intermediate Examination.

The Part I Examination shall be held each year, in the Summer Term and in September. A candidate will not normally be permitted by the School to make his first entry in September. The examination consists of four written papers:

1. Law of Tort
2. Criminal Law
3. French Civil Law (at King's College) unless a candidate is given special exemption by the School, in which case he must select a further paper from those listed under 4 below.
4. One of the following:
 - (a) Introduction to European Law
 - (b) The History of France Since 1870
 - (c) The Politics and Government of France

*Lectures, Classes
and Seminars*
LL.104-a
LL.105-a

LL.123-a
Ln.220-a
Gv.163-a

A candidate who passes in three of the papers at the Part I Examination and fails in the remaining paper may be referred in that paper; if he satisfies the examiners in the paper in which he has been referred at either of the two next following Part I Examinations he is regarded as having passed the whole examination; otherwise he is required to take the whole of the Part I Examination again.

In exceptional cases the School may permit a candidate who fails to reach the minimum standard in two or more subjects in the examination in the Summer Term to re-enter for the whole examination in September of the same year.

In addition to the papers in regulation 13, each candidate will be required to follow the second year of the approved course of instruction in the French Language at the School and to achieve a satisfactory standard in the examination of the subject. A candidate who fails to achieve a satisfactory standard in the examination of French language yet passes the Part I Examination may be permitted by the School to transfer to the LL.B. degree, entering the third and final year of the course in the following session.

DIPLOMA

A candidate is eligible to present himself for the examination for the Diploma after having satisfactorily attended the prescribed course of study at the University of Strasbourg. The examination consists of courses to the value of three and a half subjects drawn from the following lists, which may be amended from time to time. Each candidate is required to follow the Introduction Générale to the course Droit Civil (Personnes, Familles, Capacité), whether or not the candidate elects to take this course.

WHOLE SUBJECT COURSES

Droit Civil (Personnes, Familles, Capacité)
Droit Civil (Obligations, Biens et Propriété)
Droit Constitutionnel et Institutions Politiques
Droit Administratif
Droit Commercial

HALF-SUBJECT COURSES

Droit Institutionnel Communautaire (this course may not be taken by a candidate who has followed the course Introduction to European Law in Part I)
Histoire des Idées Politiques jusqu'en 1789
Libertés Publiques
Histoire du Droit (Droit Privé ou Droit du Travail, Famille, Obligations)
Droit Privé Allemand
Introduction au Droit Comparé

A candidate who does not take or fails to pass the examination for the Diploma in circumstances certified by the authorities of the University of Strasbourg and regarded by the School as being equivalent to those which would have qualified him for the award of an Aegrotat on a degree course at the University of London, may be permitted by the School to continue his course for the LL.B. with French Law.

Any other candidate who does not take or fails the examination will not be allowed to continue his course but may be permitted to transfer to the LL.B. degree and enter the final year of study and examination. In such a case the marks obtained by the candidate in the Part I Examination shall be made available to the examiners for the LL.B. degree.

PART II EXAMINATION

A candidate is eligible to present himself for the Part II Examination after having satisfactorily attended the prescribed course of study extending over not less than one academic year subsequent to passing the Part I Examination and the Diplôme d'Études. The Part II Examination is normally held once each year in May or June.

The examination consists of Jurisprudence and courses to the value of three subjects selected from the list of subjects available at Part II of the LL.B. degree, as amended from time to time. A candidate may not select more than four half-subject courses. A candidate who has followed the half-subject course Droit Institutionnel Communautaire for the Diploma may not select Introduction to European Law.

Successful candidates are awarded *either (a) First Class Honours, or (b) Second Class Honours, or (c) Third Class honours, or (d) a Pass Degree.* The Second Class Honours list is divided into an Upper and a Lower Division. The names appear on the Pass List in alphabetical order in each division.

B.A. Honours in History (Branch II: Mediaeval and Modern)

This is a University-based course, taught and examined inter-collegiately. School candidates for the degree belong to the Department of International History, a considerable part of whose teaching is directed towards the degree.

The following is only a summary: full details are given in the list of Syllabuses and Courses approved by the Board of Studies in History (the White Pamphlet), a copy of which is given to each student for the degree annually.

The examination will consist of eight papers, up to three of which may be taken in the penultimate session of the candidate's course of study with the permission of the School. Honours classes will be awarded on a range of nine marks, comprising the marks obtained in the eight papers together with a ninth mark in the form of a Departmental Assessment which will reflect the Department's estimate of a candidate's performance in the last two years of his course.

Examination papers

*Lectures, Classes
and Seminars*

1-5. Five of the following papers, to include three at least from Groups A and B, of which one shall be from Group A, one from Group B, and the third from either Group.

Groups A and B: *the School offers teaching for all of the papers*

A1. British History down to the end of the 14th century. The paper will be divided into two sections. Candidates must answer at least one question from each section

Hy.200-201a

A2. British History from the beginning of the 15th century to the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically

Hy.200, Hy.202-a

A3. British History from the middle of the 18th century. Candidates may select questions from any two or from all three sections of the paper, which will be divided chronologically

Hy.200, Hy.203-a

B1. European History from 400 to 1200

Hy.204

B2. European History from 1200 to 1500

Hy.205

B3. European History from 1500 to 1800

Hy.113, Hy.206

B4. European History from 1800

Hy.100, Hy.116,
Hy.207

Group C: *the School offers teaching for those papers indicated. Teaching for the remainder is available in other Schools and Colleges of the University*

C1. History of Political Ideas. The paper will be divided into two sections:

Gv.100, Gv.102,
Gv.104, Gv.106,
Hy.102, Hy.209

(a) European

(b) South Asian

Section (a) will be further divided:

(i) questions related to the recommended texts;

(ii) questions on the relations of European political ideas to their historical context.

Candidates must attempt at least one question from each of the subsections (a) (i) and (a) (ii).

The following papers may be selected only subject to the approval of the School:

C2. Any one of papers A1-A3 in Branch 1B, or of the first three papers in one of Branches III, IV, V and VII or of papers A1-A4 in Branch VI, or of the first two papers in Branch VIII

- C3. History of the U.S.A. since 1783
C4. History of Latin America from the middle of the 18th century
C5. History of the British Empire and Commonwealth. The paper will be divided into three sections at 1783 and 1880. Candidates may select questions from any two or from all three sections.
C6. History of Europe Overseas, 1492-1900
C7. World History from the end of the 19th century Hy.208
6. An Optional Subject: *the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University* Gv.169, Hy.116-118, Hy.210
7. and 8. A Special Subject: *the School offers teaching only for those papers indicated; teaching for the remainder is available in other Schools and Colleges of the University* Hy.213-216

Special subjects will be examined by one three-hour paper normally including passages for comment prescribed texts and *either* by another three-hour paper *or* by an essay not exceeding 5,000 words *or* two essays of not more than 2,500 words each. Such essays, which shall refer to texts and be fully documented, are to be on a topic or topics selected by the candidate and approved by his special subject supervisor and shall be submitted through the School by 31 March in the year a candidate completes his Final examination. Such essays should normally be typewritten. The method of examination to be adopted for any particular special subject in any year will be subject to approval by the University.

In addition to the above papers there is a language requirement. The School has to certify *either* that the candidate has taken a language test in one or more foreign languages *or* that the candidate has taken a course in a foreign language. This year it has been decided that all students at the School will be required to take a language course, further details of which will be given in the first week of the Michaelmas term (see also the *White Pamphlet*).

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

ACCOUNTING

Institute of Chartered Accountants in England and Wales

In order to qualify as a chartered accountant, a three-year period under a training contract with a firm of chartered accountants is necessary. Graduates who have taken an 'approved degree' are entitled also to exemption from the Institute's foundation examination. At the University of London, the course leading to the 'approved degree' is the course for the B.Sc. (Econ.) with the special subject Accounting and Finance (provided economics is taken at Part I). Partial exemption may be given to graduates who have taken other courses which include law, economics or statistics.

Further information may be obtained from the Secretary, Institute of Chartered Accountants in England and Wales, P.O. Box 433, Chartered Accountants Hall, Moorgate Place, London, EC2P 2BJ.

Institute of Chartered Accountants of Scotland

The 'approved degree' (see above) is recognised by the Institute of Chartered Accountants of Scotland as a preliminary qualification under their regulation requirements.

Further information may be obtained from the Institute of Chartered Accountants of Scotland, 27 Queen Street, Edinburgh, EH2 1LA.

Institute of Chartered Accountants in Ireland

Certain exemptions are granted by the Institute to graduates.

Further information may be obtained from the Director of Education of the Institute, 7 Fitzwilliam Place, Dublin 2.

Association of Certified Accountants

Students of the Association are not obliged to serve under a training contract, but may as an alternative obtain experience of an approved accounting nature in the finance or accounting department of a commercial or industrial company, one of the nationalised industries, in national or local government or in the office of a practising accountant.

The period of approved training for graduates is three years. Various exemptions are given from the Association's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the Academic Services Department of the Association, 29 Lincoln's Inn Fields, London, WC2A 3EE.

Institute of Cost and Management Accountants

Students obtain their practical training in industry. Various exemptions are given from the Institute's examinations to those who have taken the 'approved degree' (see above) or relevant subjects in other degrees.

Further information may be obtained from the Chief Education Officer, The Institute of Cost and Management Accountants, 63 Portland Place, London, W1N 4AB.

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The Chartered Institute of Public Finance and Accountancy

Students obtain their practical training in public service or enterprise. Graduates may be granted various exemptions from the Institute's examinations on the basis of papers taken at degree examinations.

Further information may be obtained from the Secretary, The Chartered Institute of Public Finance and Accountancy, 1 Buckingham Place, London, SW1E 6HS.

Further information on all of the above is given in the pamphlet *Degree Studies and the Accountancy Profession*, obtainable from the Accounting Education Consultative Board, 11 Copthall Avenue, London, EC2P 2BJ and also from the Assistant Registrar (Admissions) at the School.

LAW

The Bar

The Council of Legal Education will normally grant to a student who has obtained a degree in law from The London School of Economics, exemption from entering for the whole of Part I of the examination for call to the Bar. The conditions concerning such exemptions are set out in the Consolidated Regulations of the Honourable Societies of Lincoln's Inn, the Inner Temple, the Middle Temple, and Gray's Inn. Full details may be obtained from the Council of Legal Education, Gray's Inn Place, London, WC1R 5DX.

The Profession of Solicitor

Candidates seeking to qualify as solicitors must serve under articles of clerkship to a practising solicitor and pass the Law Society's examinations. The period of articles for candidates who have taken a degree at an approved university is two years. Any first degree of the University of London qualifies for this purpose.

In most cases law graduates are wholly exempt from Part I of the Law Society's qualifying examination (now called the Common Professional Examination) and may sit for Part II of the qualifying examination (now called the New Final) before entering into articles. Holders of degrees in subjects other than law may sit for both Parts of the Law Society's qualifying examination before entering into articles. Further details may be obtained from The Law Society, 113 Chancery Lane, London, WC2A 1PL.

ACTUARIAL PROFESSION

The School provides teaching over the full range of topics involved in academic preparation for an actuarial career (namely mathematics, statistics and economics as well as professional actuarial subjects). Students can be in touch with the Institute of Actuaries (whose offices are only a short walk from the School) during their course and can gain exemptions from the examinations of the Institute. The principle is that coverage of the corresponding subject within a degree course will result in exemption from the Institute of Actuaries paper, subject to appropriate performance in the degree examinations.

All six examinations at the first level (the A-examinations) of the Institute are covered by students taking the main field Actuarial Science in the B.Sc. degree. Within the B.Sc. (Econ.) complete coverage may be obtained by a suitable choice of options within the Special Subject Statistics. Further information may be obtained from the School or from the Institute of Actuaries, Staple Inn Hall, High Holborn, London, WC1V 7QJ.

The Graduate School and Regulations for Diplomas and Higher Degrees

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

In its inception the London School of Economics was dedicated to research and advanced studies; and throughout its existence, the Graduate School, which is one of the largest of its kind in the country, has constituted a major division of its activities.

In the session 1980-81, 2041 students were registered in the Graduate School either for systematic work for different higher degrees, or for shorter visits and special enquiries. The greater number of registered graduates work for the higher degrees of London University or for Diplomas, but qualified applicants are admitted to do research under supervision without working for a degree.

At the present time the work of the Graduate School falls into two parts—advanced training and research.

For advanced training, the School provides lectures, classes, seminars and individual supervision for students who wish to take a University of London Master's degree by examination or a Diploma (see below). Such training is specifically designed to carry further specialisations commenced during work for a first degree, and to provide professional competence in the subject in which it is given. Reference to the details of lecture courses, classes and seminars in Part III of this Calendar will show the extensive scale of tuition in the different subjects available at the School.

For research, unique facilities are provided by the close proximity of the School to the centres of government, business and law, and by its ease of access to the British Museum which, with the School's own large library, comprise perhaps the richest depository in the world of material relating to the social sciences.

Graduate students wishing to register for the University of London's research degrees will be expected as a general rule to have attained the level of competence required by the one-year Master's degree. At this stage they have the opportunity of proceeding, according to their competence, either to the M.Phil., which involves a relatively short dissertation, or to the Ph.D., which involves a dissertation of more substantial dimensions. Students who are thus registered are attached to individual supervisors, who at all stages will be responsible for advising them on the planning and execution of their research.

A separate handbook, *The Graduate School*, issued each session, is available. It contains a fuller description of facilities at the School for graduate students.

Postal enquiries about admission to the Graduate School should be addressed to the Secretary of the Graduate School. Applicants enquiring in person should call at the Graduate School Admissions Office. Applications for October entrance must reach the School on the prescribed form, preferably by 1 February. As preliminary correspondence is often necessary, applicants are advised to make first enquiries well in advance.

Degrees

The degrees of the University of London for which graduate students may register at the London School of Economics are as follows:

- (a) Doctor of Philosophy (Ph.D.)
- (b) Master of Philosophy (M.Phil.)
- (c) Masters' Degrees:
 - Master of Arts (M.A.)
 - Master of Science (M.Sc.)
 - Master of Laws (LL.M.)

Diplomas

Students are registered in the Graduate School for all the Diplomas listed in pp. 219–246.

Research Fee Registration

As indicated earlier the School accepts for registration students wishing to visit the School for short periods to undertake research or studies not leading to the award of a School or University qualification. Such students carry out their research under the guidance of a supervisor and may attend relevant lectures and seminars recommended by their supervisor. They may be allowed to take examinations, the results of which may be made available; certificates of attendance are available on request. Admission will depend upon the applicants' possessing academic qualifications which, in the opinion of the Graduate School Committee, are adequate for the course of study or research proposed; it will also depend upon places being available. Unless some other period is specified in the School's letter of acceptance, registrations under the Research Fee are valid for one session only and students so registered should apply to the Graduate School Office before the end of the session if they wish to be considered for re-registration for all or part of the following session.

The Higher Doctorates

The School does *not* register candidates for higher doctorates. Only London graduates are eligible to apply for these doctorates and all candidates interested should communicate directly with the Academic Registrar at the University of London, Senate House, London, WC1E 7HU.

External Higher Degrees

Only graduates of London University, either internal or external, may proceed to external higher degrees of the University; all arrangements for external degrees are made through the External Department, Senate House, Malet Street, London WC1E 7HU. It is most unusual for candidates for external higher degrees to be registered at the School, but occasionally arrangements may be made for such students to register at the School under the Research Fee arrangement (see above). Candidates so accepted must conform to the appropriate School and University Regulations and, while registered at the School must pay the same tuition fees as candidates registered for internal degrees.

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

Regulations for Higher Degrees of the University of London

The principal provisions of the University's Regulations, as they most commonly affect students at the School, are described below. In general, students deal with the University through the Graduate School Office (except in matters to do with the detailed arrangements for examinations for the University's degrees). However, it is the responsibility of all students registered for a degree of the University of London to acquaint themselves with the relevant Regulations of the University, a copy of which may be obtained from the Graduate School Office or from the University.

Qualifications for Admission to the Graduate School

The minimum qualifications required to establish eligibility for admission to a Diploma course are described in the Regulations for each Diploma (below).

The University of London lays down the following minimum entrance requirements for admission to its higher degrees:

- (a) A Second Class Honours degree of a UK university or of the C.N.A.A. or an overseas qualification of an equivalent standard obtained after a course of study extending over not less than three years in a university (or educational institution of university rank) in a subject appropriate to that of the course to be followed:
or
- (b) A professional qualification obtained by written examination and approved by the University as an appropriate entrance qualification for the Master's degree course in question.

The School may consider for registration a candidate who possesses a degree, or overseas qualification of equivalent standard obtained after a course of study extending over not less than three years in a University (or educational institution of University rank), in a subject appropriate to that of the course to be followed *and* who, although he does not meet the normal entry standard defined in (a) above, yet by evidence of his background and experience satisfies the School as to his fitness to follow the course. Where such a candidate cannot present evidence that he possesses the necessary background and experience he may be considered by the School for registration, provided that the School so determines and provided also that he pursues the course for a period at least one year longer than the minimum period prescribed in the individual course regulations in order that he may, in the initial stages of that longer period attain the standard normally expected for registration.

The School may apply to the University for special consideration to be given to an applicant without the minimum qualifications who offers instead other qualifications obtained by written examination (this may be done in cases where the applicant has, for example, considerable work experience relevant to the proposed area of study).

N.B. There are many more applications than places available, and the School usually specifies conditions of admission over and above the minimum requirements. Possession of the minimum qualifications as defined above is not in itself accepted as evidence that applicants possess sufficient knowledge and training to study the subject at the standard proposed. Every application is considered on its merits, and applicants may be required to attend an additional course and/or to pass a qualifying examination before or during the course.

Registration, Attendance and Course of Study

1. It is essential that all students, while pursuing a course of study as internal students, should be prepared to attend personally for study at the School during the ordinary terms at such time or times as their supervising teachers may require. All graduate students are therefore required to be resident within normal daily travelling distance of central London during term time.
2. If students do not register at the beginning of the session, serious administrative difficulties may be caused; students who register late will be required to pay a 'late registration fee'. If a candidate who has been offered admission for October fails to register at the School by 30 October, without adequate reasons and without

informing the School in advance of his inability to register in time, the offer of admission will be automatically cancelled.

3. Students accepted by the School must be registered with the University as soon as they start their courses at the School. As part of this process, students must complete a registration form and return it to the Graduate School Office, where they must also show satisfactory *official* evidence of their qualifications.

4. The School must register students with the University not later than three months after the date on which the course is begun. Retrospective registration may be allowed in some circumstances, particularly where the student has already been registered in the Graduate School. There is no provision for retrospective registration for a taught Master's degree. Only in exceptional circumstances may retrospective registration towards another degree be allowed for any period spent on a taught Master's degree.

5. Except with the special permission of the Academic Council of the University an internal student will not be permitted to register concurrently for more than one degree, diploma, or certificate, or for any combination of these awards of this University. Nor will any person be registered as an internal student of the University of London while registered as a student for the equivalent qualification of any other university or of the C.N.A.A., nor will any person, except with special permission of the Academic Council, be admitted as a candidate to any examination leading to an award of this University who has been admitted as a candidate for examination leading to the comparable award of another university or the C.N.A.A. unless that person has pursued at the two universities separate prescribed courses leading to the examination concerned. No student who is registered as an external or associate student of the University of London may be registered concurrently as an internal student of the University.

6. *Part-time registration* at the School is intended for those who, by reason of outside employment or other duties, must spread their course over a longer than normal period in order to be able to attend the relevant teaching and to complete the minimum course of study.

Before students are permitted to register part-time, they must supply adequate evidence as to the nature and hours of their employment.

7. *Full-time students* may be permitted by the School, on the recommendation of their supervisors, to undertake a limited amount of *paid employment* relevant to their studies. It must be made clear, however, that continued registration at the School depends on satisfactory attendance and progress, and that full-time students should be primarily committed to their studies. If other commitments seriously affect their studies, their continued registration at the School might be jeopardized.

Grant-awarding bodies may have their own rules as to the amount of paid employment which may be undertaken by students holding their awards; the School will not permit award-holders to undertake paid employment in contravention of such rules.

8. A qualifying or preliminary examination may be imposed after registration, as a condition of being allowed to enter for the degree examination. Students upon whom such a condition has been imposed will normally be required to sit the qualifying examination at least one year before they enter for the degree examination (or submit a thesis). Students failing to pass this qualifying examination will not be permitted to re-enter for it without the permission of the School.

Regulations for Diplomas

Diploma in Accounting and Finance

The School offers a course for graduate students leading to a Diploma in Accounting and Finance. The course is primarily intended for graduates with first degrees specialising in subjects other than Accounting and Finance and persons holding approved professional qualifications in other specialisms. The Diploma is intended to furnish a basis for further graduate work in Accounting and Finance, as well as providing a foundation for a career qualification in accountancy or finance. In suitable cases it will be possible for a student to enrol for an M.Sc. in Accounting and Finance by means of a further year's study after passing the Diploma examination at a sufficiently high level.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Accounting and Finance 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the Convener of the Department of Accounting and Finance.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 Convener of the Department of Accounting and Finance.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office, duly completed, by 1 February.

The examination shall comprise the following five papers:

- | | |
|--|---------------------------------------|
| | <i>Lectures, Classes and Seminars</i> |
| 1. Elements of Accounting and Finance | Ac.100-101a, Ac.103 |
| 2. Accounting and Finance I | Ac.104-105a |
| 3, 4 and 5. <i>Three</i> of the following: | |
| (a) Economics A | Ec.101-a |
| (b) Basic Statistics | SM.200-a |
| (c) Commercial Law | LL.161-a |
| (d) Industrial Relations | Id.104&b |
| (e) An approved paper in Economic History | |

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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. 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 reappointment

for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Business Studies

The School offers a course for graduate students leading to a Diploma in Business Studies. The course is intended for graduates and for persons holding approved professional qualifications, or with substantial business experience. The Diploma is intended to furnish a basis for further graduate work in Business Studies as well as providing a foundation for a career qualification.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Business 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the School, or possesses substantial business experience.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 School.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office, duly completed, by 1 February.

The examination shall consist of four papers from the following:

Lectures, Classes and Seminars

1, 2 and 3. *Three* of the following:

(a) (i) Elements of Accounting and Finance or Ac.100-101a,
Ac.103

(ii) Another approved paper in Accounting and Finance

(b) (i) Economic Principles or Ec.111-a

(ii) Another approved paper in Economics

(c) Commercial Law LL.161-a

(d) Industrial Relations Id.104&b

4. *One* of the following:

(a) (i) Basic Statistics or SM.200-a

(ii) Elements of Management Mathematics or SM.313-a

(iii) Another approved paper from the Department of Statistical and Mathematical Sciences

(b) An approved paper in Economic History

(c) Any other paper approved by the candidate's teachers.

The choice of options is subject to the approval of the School, which may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

5. The examinations shall be conducted by such members of the staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Criminal Justice

The School offers a course for graduate students leading to a Diploma in Criminal Justice. The course is intended for graduates in law or the social sciences (or a combination of these) and for persons holding approved professional qualifications. The Diploma is intended to furnish an opportunity to such persons to broaden and deepen their knowledge in this field and to build upon their previous practical experience. Preference will be given to the admission of those possessing an adequate training in law but other persons with suitable experience might be eligible for admission.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Criminal Justice, 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 School.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the office, duly completed, by 1 February.

The examinations shall comprise three papers as follows:

1. Criminology
2. Sentencing and Treatment of Offenders
3. English Criminal Law

Exceptionally, with the approval of the School, candidates may be permitted to substitute for one of the papers listed above a paper on Comparative Criminal Law and Procedure, or any other appropriate paper for which teaching is offered at the School. A student may also, with the approval of his supervisor and at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for one of the above papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder (including the essay) at the end of the second year.

5. The examination shall be conducted by such members of staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Econometrics

The School offers a course for graduate students leading to a Diploma in Econometrics. The course is designed mainly for graduates with first degrees specialising in subjects other than econometrics, but is also suitable for those who have taken econometrics as part of their first degree. Candidates holding other equivalent qualifications may also be considered. The Diploma is intended to furnish a basis for further graduate work in econometrics as well as providing a foundation for a career qualification. Candidates who achieve distinction in the Diploma examination may be considered for admission to the one-year M.Sc. course in Econometrics.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Econometrics 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the Convener of the Department of Economics.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 Convener of the Department of Economics.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office duly completed by 1 February.

The examination shall comprise four papers as listed below, options being selected with the approval of the candidate's supervisors. Candidates would normally be required to take papers 3(a) and 4(a) as listed below unless a course of study in these subjects had already been satisfactorily completed.

- | | |
|---|--|
| | <i>Lecturers, Classes and Seminars</i> |
| 1. Quantitative Economics | Ec.116-120, Ec.122-123 SM.231-232a |
| 2. Econometric Theory | |
| 3. <i>Either</i> (a) Principles of Economics Treated Mathematically | Ec.113-a |
| <i>or</i> (b) Any other approved paper | |
| 4. <i>One</i> of the following: | |
| (a) Probability, Distribution Theory and Inference | SM.206-207a |
| (b) Mathematical Methods | SM.113-a |
| (c) Any other approved paper | |
| (d) With the approval of the teachers concerned, a course of study examinable by means of a project | |

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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. 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 reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination, a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Economics

The School offers a course for graduate students leading to a Diploma in Economics. The course is designed mainly for graduates with first degrees specialising in subjects other than economics, but is also suitable for those who have taken economics as part of their first degree; students who have specialised in economics in their first degree are not excluded. Candidates holding other equivalent qualifications may also be considered. The Diploma is intended to furnish a basis for further graduate work in economics as well as providing a foundation for a career qualification. Candidates who reach an appropriate standard in the Diploma examination may be considered for admission to the one-year M.Sc. course in Economics.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Economics 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 who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the Convener of the Department of Economics.
3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.
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 Convener of the Department of Economics.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office duly completed by 1 February.

The examination shall comprise four papers selected with the approval of the candidate's supervisor from the list below.

Note: A candidate who wishes subsequently to be considered for the M.Sc. in Economics at the School will normally be expected to include among his four options one of the options listed under each of Paper 1 and Papers 2, 3 and 4(a) and (b) below. (This requirement may be waived where the candidate can satisfy his supervisor that they have already reached the required standard in a particular paper or papers.)

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. <i>One</i> of the following: | |
| (a) Economic Principles | Ec.111-a |
| (b) Principles of Economics Treated Mathematically | Ec.113-a |
| (c) Advanced Economic Analysis | Ec.131-a |
| 2, 3 and 4. <i>Three</i> of the following: | |
| (a) <i>One</i> of the following: | |
| (i) Basic Mathematics for Economists | Ec.103-a, SM.100-a |
| (ii) Elementary Mathematical Methods | SM.102-a |
| (iii) Introduction to Analysis and Set Theory | SM.103-a |
| (iv) Elements of Management Mathematics | SM.313-a |
| (b) <i>One</i> of the following: | |
| (i) Basic Statistics | SM.200-a |
| (ii) Economic Statistics | SM.230-a |
| (iii) Elementary Statistical Theory | SM.204-a |
| (iv) Probability, Distribution Theory and Inference | SM.206-207a |
| (v) Econometric Methods | Ec.115-a |
| (c) Introduction to Economic Policy | Ec.143 |
| (d) Problems of Applied Economics | Ec.112-a |
| (e) Public Finance | Ec.137-138, Ec.143(iii) |
| (f) Monetary Systems | Ec.141-142 |
| (g) Principles of Monetary Economics | Ec.139-140 |

| | |
|--|-----------------------|
| (h) Labour Economics | Ec.136-a |
| (i) Economics of Industry | Ec.132-a |
| (j) Elements of Accounting and Finance | Ac.100-101a, Ac.103 |
| (k) Theory of Business Decisions | Ec.134-a |
| (l) Economics of Investment and Finance | — |
| (m) History of Economic Thought | Ec.130-a |
| (n) Economic Development | Ec.146-a |
| (o) Economic Institutions Compared | Ec.147-a |
| (p) Planning | Ec.148-a |
| (q) International Economics | Ec.145-a |
| (r) Economic Analysis of Law | LL.127-a |
| (s) Game Theory and Economic Applications | Ec.151-a, SM.106(i)-a |
| (t) An approved paper in Economic History | |
| (u) Any other paper inside or outside the Department of Economics approved by the candidate's teachers | |

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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. 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 reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination, a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may in approved cases, be allowed to re-enter for the examination on one further occasion.

Diplomas in Geography

The School offers a course leading to a Diploma in Economic Geography or a Diploma in Urban and Social Geography. The courses are intended for graduates with first degrees in subjects other than geography seeking an introduction to geographical studies as well as for those with degrees in geography requiring a revision or refresher course in modern geography. Candidates holding professional or other appropriate qualifications and experience may also be admitted.

The Diplomas will furnish a basis for further graduate work in geography and candidates who reach an appropriate standard may be considered for admission either to the one-year M.Sc. course in Geography or for a research degree in the subject.

Applications for admission to the courses should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AF

Regulations

1. There shall be a Diploma in Economic Geography and a Diploma in Urban and

Social Geography 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other appropriate qualification or experience approved for this purpose by the Convener of the Department of Geography.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 Convener of the Geography Department.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office duly completed by 1 February.

The examination shall comprise papers on four subjects selected with the approval of the department from the list below. Candidates for the Diploma in Economic Geography are required to include at least *two* papers in that field (marked (E) in the list below); candidates for the Diploma in Urban and Social Geography are required to include at least *two* papers from the fields of urban and social geography (marked (U) in the list below).

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. <i>One</i> of the following: | |
| (a) Theory and Techniques of Spatial Analysis | Gy.103 |
| (b) Basic Economic Geography (E) | Gy.208-a |
| (c) Urban Geography (U) | Gy.210 |
| (d) Social Geography: Spatial Change and Social Process (U) | Gy.209 |
| (e) Man and his Physical Environment (E) | Gy.206 |
| 2, 3 and 4. <i>Three</i> of the following: | |
| (a) A further paper from (1) above | |
| (b) Urban and Regional Systems (U) | Gy.309-a |
| (c) Advanced Social Geography (U) | Gy.307-308 |
| (d) Spatial Aspects of Economic Development (E) | Gy.304 |
| (e) Advanced Economic Geography: Agriculture (E) | Gy.306-a |
| (f) Economics and Geography of Transport (E) | Ec.149-150, Ec.232 |
| (g) Planning and its Geographical Impact (U) | Gy.311 |
| (h) Environmental Management in Britain | Gy.312-a |
| (i) Environmental Evaluation and Planning in Transport (E) | Gy.313-a |
| (j) An approved regional study | |
| (k) Any other subject approved by the candidate's teachers | |

Part-time students may take one or two papers at the end of the first year of the course and the remainder at the end of the second year.

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 external examiners. 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 reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination, a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in International and Comparative Politics

The School offers a course for full-time or part-time students leading to a Diploma in International and Comparative Politics. The course is intended for graduates and for persons with approved professional experience. The Diploma is intended to furnish a useful further qualification for careers in government, finance and business, in which some knowledge of world politics and international relations and/or comparative politics would be an advantage. It could also provide a basis for further graduate work in international relations or political science. Students on this course will be registered in the Department of International Relations, although teaching for papers (e), (f) and (g) in the list below is offered by the Department of Government. There will also be a special weekly seminar exclusively for Diploma students.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in International and Comparative Politics 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 who have paid all fees owed to the School.

2. Admission to the prescribed course of study for the Diploma will be open to persons holding a university degree or with professional experience and qualifications approved for this purpose by the School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 School.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the office, duly completed, by 1 February.

The examination shall consist of four papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. World Politics | IR.102-a, IR.136, IR.174 |
| 2, 3 and 4. <i>Three</i> of the following: | |
| (a) The Politics of International Economic Relations | IR.137-a |
| (b) Strategic Studies | IR.138-a |
| (c) Foreign Policy Analysis | IR.105-107 |
| (d) International Institutions | IR.108-109, IR.160 |

- (e) Modern Political Thought: A Study of European Political Thought since 1770 —
- (f) History of British Politics in the Twentieth Century Gv.152-a, Gv.207
- (g) The Politics and Government of a Foreign Country (one of USA, USSR, France, Germany, African States) Gv.162-167a, LL.164
- (h) Any other subject approved by the candidate's teachers

Part-time students may take two papers on completion of their first year and the remainder on completion of their final year.

5. The examination shall be conducted by such members of staff of the School as may be designated as internal examiners in each year by the Director, together with one or more external examiners. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School. They shall be appointed by the Academic Board and shall be eligible for re-appointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in International Law

The University of London awards a Diploma in International Law.

1. The course of study is open to:

- (a) graduates of this or another university whose undergraduate courses and/or previous experience have included an approved preliminary training in Law
- (b) students who, although not graduates, have satisfied the University that their previous education in law qualifies them to rank on the same level as graduates approved under the preceding paragraph.

Students are required to attend a course of study approved for the purpose by the University extending over not less than one session.

2. The examination will take place once in each year, beginning on or after 25 August.

Every candidate entering for an examination must submit a completed entry form not later than 1 May.

3. A candidate may obtain the Diploma in International Law, either

- A. by passing an examination consisting of three papers in:
 - I. Public International Law and/or Conflict of Laws
- or II. three of the International Law subjects which, for the time being, can be offered for the Master of Laws Examination. (There shall be one paper in each subject)
- or III. with the permission of the University, one of the International Law subjects which, for the time being can be offered for the Master of Laws Examination.

or

B. by submitting a dissertation, which must be written in English and must afford

evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

Note: The subjects referred to under A. II and A. III above are, at present, the following:

- (a) Comparative Conflict of Laws
- (b) History of International Law
- (c) Law of International Institutions
- (d) Law of European Institutions
- (e) Air and Space Law
- (f) International Law of the Sea
- (g) The International Law of Armed Conflict and the Use of Force
- (h) International Economic Law
- (i) Legal Aspects of Defence Studies
- (j) Law of Treaties
- (k) Methods and Sources of International Law
- (l) European Community Law
- (m) Human Rights

The subject of the dissertation must be submitted for the approval of the University not later than 15 April in the year in which the course of study is completed.

If the examiners consider that the dissertation submitted by a candidate, though inadequate, is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he be permitted to re-present this dissertation in a revised form within one calendar year.

Candidates must forward two copies of the dissertation typewritten or printed and bound in the prescribed fashion and a short abstract (2 copies) of the dissertation comprising not more than 300 words. Candidates must submit their dissertations within one year of completing the course of study, together with an entry-form which must be duly filled up with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

Statutes and other Documents in the Examination Room: Candidates will be permitted to take into the examination room and use such statutes and other documents as may from time to time be prescribed by the Board of Examiners. The Board will prescribe:

- (a) the papers for which statutes and other documents may be taken in and used, and
- (b) the statutes and other documents that may be taken in and used.

Candidates should note that personal annotation on statutes or other material permitted to be taken into the examination is forbidden.

A list of candidates who have satisfied the examiners at the written examination, arranged in alphabetical order, will be published by the Academic Registrar on 5 November.

A certificate to be called the 'Diploma in International Law', under the seal of the University, will be delivered to each successful candidate.

N.B. The School reserves the right to ask the University to withhold the award of a Diploma to a candidate owing fees to the School.

Diploma in Law

The University of London awards a Diploma in Law.

1. The course of study is open to:

- (a) graduates of this or another university whose undergraduate courses and/or

previous experience have included an approved preliminary training in Law
(b) non-graduates whose previous education in law qualifies them to rank on the same level as graduates approved under the preceding paragraph.

Students are required to attend a course of study for the purpose by the University extending over not less than one session.

2. A candidate is required to submit a dissertation, which must be written in English and must afford evidence of serious study by the candidate and of his ability to discuss a difficult problem critically.

The subject of the dissertation must be submitted for the approval of the University not later than 15 April in the year in which the course of study is completed.

If the examiners consider that the dissertation, submitted by a candidate, though inadequate, is of sufficient merit to justify such action, they may, after examining the candidate as prescribed above, determine that he be permitted to re-present this dissertation in a revised form within one calendar year.

Candidates must forward two copies of the dissertation, typewritten or printed and bound in the prescribed fashion, and a short abstract (2 copies) of the dissertation comprising not more than 300 words. Candidates must submit their dissertations within one year of completing the course of study, together with an entry-form which must be duly filled up with the certificate of course of study thereon attested in accordance with the General Regulations for Approved Courses of Study.

3. A list of candidates who have satisfied the examiners arranged in alphabetical order, will be published by the Academic Registrar on 5 November.

A certificate to be called the 'Diploma in Law', under the seal of the University, will be delivered to each successful candidate.

N.B. The School reserves the right to ask the University to withhold the award of a Diploma to a candidate owing fees to the School.

Diploma in Logic and Scientific Method

The School offers a course for graduate students leading to a Diploma in Logic and Scientific Method.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Logic and Scientific Method 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 School.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office, duly completed, by 1 February.

The examination shall comprise three of the following papers. (Candidates will normally be required to take papers (a) and (b).)

Lectures, Classes and Seminars

- | | |
|--|---|
| (a) Advanced Scientific Method | Ph.100-101, Ph.111, Ph.120, Ph.122, Ph.127 |
| (b) <i>Either</i> (i) Logic <i>or</i> (ii) Mathematical Logic | Ph.112-113, Ph.116 Ph.115-a |
| (c) Advanced Mathematical Logic | SM.110-111 |
| (d) History of the Philosophy of Science | Ph.106-108, Ph.110 |
| (e) Metaphysics and Epistemology | Ph.106-108, Ph.110-111, Ph.125 |
| (f) Philosophy of Mathematics | Ph.116, Ph.123, Ph.128 |
| (g) Growth of Modern Science | Ph.109, Ph.123 |
| (h) Philosophy of the Social Sciences | Ph.102, Ph.104, Ph.124 |

The choice of options is subject to the approval of the School.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year.

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. 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. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Management Sciences

The School offers a course for graduate students leading to a Diploma in Management Sciences. The course is intended for graduates with first degrees including some study of quantitative subjects, and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Operational Research, Statistics or Systems Analysis, as well as providing a career qualification. In suitable cases it will be possible for a student to obtain an M.Sc. in Operational Research, Statistics, or Analysis, Design and Management of Information Systems by means of a further year's study after passing the Diploma examination at a sufficiently high level.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Management Sciences which shall be awarded to persons who, having completed the course of study presented by these regulations have satisfied the examiners in the examination for the Diploma and who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he or she holds a university degree or other qualification approved for this

purpose by the Convener of the Department of Statistical and Mathematical Sciences.

3. The prescribed course shall be one academic year for full-time students or two academic years for part-time students.

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 Convener of the Department of Statistical and Mathematical Sciences.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office, duly completed by 1 February.

The examination shall comprise four papers, selected with the approval of the candidate's supervisor, drawn from at least three of the following groups:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| Group I | |
| (a) Operational Research Techniques and Simulation | SM.314-a, SM.317-a |
| (b) Mathematical Programming | SM.315-316a |
| (c) Operational Research Methods (<i>not to be taken if (a) or (b) is taken</i>) | SM.314-315a |
| Group II | |
| (a) Systems Analysis and Design | SM.308-310 |
| (b) Elements of Computer Science | SM.302-a, SM.305-a, SM.311 |
| Group III | |
| (a) Statistical Techniques for Management Sciences | SM.210-213a |
| (b) Marketing and Market Research | SM.222 |
| (c) Basic Statistics <i>or</i> | SM.200-a |
| (d) Elementary Statistical Theory | SM.204-a |
| Group IV | |
| (a) Basic Mathematics for Economists <i>or</i> | Ec.103-a, SM.100-a |
| (b) Elementary Mathematical Methods <i>or</i> | SM.102-a |
| (c) Mathematical Methods | SM.113-a |
| Group V | |
| (a) Elements of Accounting and Finance <i>or</i> | Ac.100-101a, Ac.103 |
| (b) Economics A (<i>candidates will be expected to take A2</i>) <i>or</i> | Ec.101-a |
| (c) Economics B <i>or</i> | Ec.102-a |
| (d) Introduction to Mathematical Economics <i>or</i> | Ec.104-a |
| (e) Organization Theory and Practice | Id.107&b |
| (f) Computer Project (<i>only to be taken if papers II(a) and (b) are also taken</i>) | |

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes to go on to an M.Sc. in the Department will be expected to follow an appropriate course of study in the Diploma. For example, candidates for the M.Sc. in Analysis, Design and Management of Information Systems will normally be expected to offer papers II(a), II(b) and V(f).

These conditions may be waived where the candidate's supervisor is satisfied that the candidate has already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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. 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. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter the examination on one further occasion.

Diploma in Operational Research

The School offers a course for graduate students leading to a Diploma in Operational Research. The course is intended for graduates with first degrees including some study of quantitative subjects, and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Operational Research, as well as providing a career qualification. In suitable cases it will be possible for a student to obtain an M.Sc. in Operational Research by means of a further year's study after passing the Diploma examination at a sufficiently high level.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the Convener of the Department of Statistical and Mathematical Sciences.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 Convener of the Department of Statistical and Mathematical Sciences.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office, duly completed by 1 February.

The examination shall comprise the following four papers:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Operational Research Techniques and Simulation | SM.314-a, SM.317-a |
| 2. Mathematical Programming | SM.315-316a |
| 3 and 4. <i>Two</i> of the following: | |
| (a) <i>Either</i> (i) Elementary Statistical Theory | SM.204-a |

- Lectures, Classes and Seminars*
- Or (ii) Basic Statistical Theory SM.269-a
- (b) Either (i) Elementary Mathematical Methods SM.102-a
Or (ii) Mathematical Methods SM.113-a
- (c) Either (i) Elements of Computer Science SM.302-a, SM.305
Or (ii) Numerical Methods SM.304-a, SM.312-a
- (d) Any other paper approved by the candidate's teachers

The choice of options is subject to the approval of the Convener, who may also permit alternative papers to be offered where the candidate is already proficient in one or more of the above subjects. A candidate may not offer a paper in which he or she has been examined at first degree level or its equivalent. A candidate who wishes subsequently to be considered for the M.Sc. in Operational Research will normally be expected to include papers (a) and (b) under 3 and 4 above in his or her selection. This condition may be waived where the candidate's supervisor is satisfied that the candidate has already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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. 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. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Personnel Management

The School offers a full-time course of study for men and women intending to seek employment as Personnel Officers. It 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 is 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.

A separate leaflet on the Diploma, together with application forms, may be obtained from the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Personnel Management which shall be awarded to persons who, having completed the course prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and who have paid all fees owed to the School.

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

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

4. There shall be an examination for the Diploma, to be held at the end of August each year (on dates to be determined by the School).

The examination shall comprise the following subjects:

Lecturers, Classes and Seminars

1. Four written papers as follows:

- | | |
|---------------------------------|------------------------|
| 1. Personnel Management | Id.200-201 |
| 2. Training and Development | Id.202 |
| 3. Industrial Relations and Law | Id.104, Id.116, LL.162 |
| 4. Organizational Analysis | Id.107, Id.107c |
| and | Id.203, Id.204, Id.109 |

II. Personnel Information and Research Candidates are required to submit a written report on a project on a subject or subjects approved by the department and will be examined orally on their project work.

In the final assessment performance during the course and on the project is taken into account.

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

6. At the discretion of the examiners candidates may be referred in not more than one subject of the examination.

7. A candidate may offer on not more than two subsequent occasions a paper in which he has been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of those occasions he is successful in attaining the prescribed standard he shall be treated as having satisfied the examiners in the whole examination.

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. The examiners may recommend for an aegrotat a candidate who

- (i) has completed the full period of study and any field work or practical work required by the regulations;
(ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma;
(iii) has made application, supported where appropriate by a medical certificate, to the Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the examination as he has attended if any, records of the candidate's performance

during the course, and assessments provided by the candidate's teachers, the examiners will determine whether evidence has been shown to their satisfaction that had he completed the examination the candidate would clearly have reached a standard which would have qualified him for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

10. A candidate who completes the course of study for the Diploma, but for reasons which, in the opinion of the Convener of the department, are sufficient, 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.

Diploma in Social Philosophy

The School offers a course for graduate students leading to a Diploma in Social Philosophy.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Social Philosophy 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the School.

3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.

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 School.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office, duly completed, by 1 February.

Lectures, Classes and Seminars

- | | |
|--|--------------------------------|
| 1. Social Philosophy | Ph.103, Ph.121 |
| 2. Philosophy of the Social Sciences | Ph.102, Ph.104, Ph.124 |
| 3. One of the following: | |
| (a) Logic | Ph.112-113, Ph.116 |
| (b) History of the Philosophy of Science | Ph.106-108, Ph.110 |
| (c) Metaphysics and Epistemology | Ph.106-108, Ph.110-111, Ph.125 |
| (d) An approved paper in Social Anthropology or Sociology, or any other paper approved by the candidate's teachers | |

The choice of options is subject to the approval of the School. Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above.

Part-time students may take one or two papers at the end of the first year of their

course and the remainder at the end of the second year.

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. 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. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Social Planning in Developing Countries

This course is designed for men and women who work in the Civil Service and in other organisations concerned with social policies and social administration. One of the purposes of the course is to assist students to stand outside the immediate circumstances of their own countries and to consider general questions about the methods and organisation of social development. They will be encouraged to examine the suitability of western countries' policies for their own countries' problems. Though western ideas, institutions and experience are drawn on in the teaching, they are viewed in terms of their possible application to the problems of less developed areas.

If required, opportunity will be provided during the course for students to spend short periods in central or local government departments, or some other administrative agency in which they may be interested.

Members of the course will normally be university graduates who have had several years' experience of relevant 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 appointments in social administration or allied fields.

Applications for admission to the course should be sent to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Social Planning in Developing Countries 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 who have paid all fees owed to the School.

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

(a) he holds a university degree or other qualifications approved for this purpose by the Convener of the Department of Social Science and Administration,

and (b) he has had practical experience or other qualifications of special relevance 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 determined by the Convener of the Department of Social Science and Administration. Candidates will normally take papers in three subjects:—

| | <i>Lectures, Classes and Seminars</i> |
|--|--|
| (1) Social Policy and Planning in Developing Countries | Ec.242, SA.114, SA.170-171, SA.173-174 |
| (2) and (3) <i>Two</i> of the following: | |
| (a) Problems of Health and Disease | SA.175 |
| (b) Planning of Welfare Services | SA.176 |
| (c) Rural Development | SA.177 |
| (d) Social and Economic Aspects of the Housing System | SA.125, SA.178 |
| (e) Social Implications of Education | Ec.250, SA.179 |

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

6. In assessing a candidate's performance the examiners shall have regard to the essays or other work written by the candidate during the course.

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

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

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

10. In order to satisfy the examiners in the examination a candidate shall be required to reach in each subject a standard prescribed by them.

11. A candidate who reaches the prescribed standard in each of two subjects only of the examination may, at the discretion of the examiners, be referred in the third subject and resit the examination on not more than two subsequent occasions. If he is then successful he shall be awarded the Diploma.

12. Candidates who are unsuccessful in the examination as a whole shall receive a certificate of attendance, on which shall be recorded those subjects in the examination, if any, in which they have passed.

13. A candidate who is absent from some or all of the examinations or fails to satisfy the examiners may be a candidate for the whole examination on one further occasion. Further examination will be at the discretion of the examiners.

14. The examiners may recommend for an aegrotat a candidate who:—

- (i) has completed the full period of study and any field work or practical work required by the regulations;
- (ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma;
- (iii) has made application, supported where appropriate by a medical certificate, to the Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the examination as he has attended if any, records of the candidate's performance during the course, and assessments provided by the candidate's teachers, the

examiners will determine whether evidence has been shown to their satisfaction that, had he completed the examination, the candidate would clearly have reached a standard which would have qualified him for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

Diploma in Social Policy and Administration

The School offers a course of study for full-time day students leading to a Diploma in Social Policy and Social Administration. There are two options within the diploma serving different purposes.

Option I is designed to give a broad general education in the social sciences. Students who wish to prepare themselves to work as professional social workers after this course of study normally proceed to a course of training leading to a professional qualification. The teaching combines theoretical study of the social sciences and practical experience in the fields of social administration, social work and social research. The curriculum includes lectures and classes in Economics and Social History, Economics, Psychology, Sociology and Social Policy and Administration.

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. In their own interest students are advised to gain some experience outside London, and this may involve additional expense.

Option II is designed to give students, particularly from developed countries overseas, a course in British social policy though comparative material is used for illustration. The curriculum includes lectures and classes in the development of social policy, social structure and British Government as well as social policy and administration. Students taking Option II can, if they wish, take the field work as in Option I above as an integral part of the examination or part of it on an optional basis.

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.

Admissions for British applicants will be determined by interview and relevant documentary evidence. Application should normally be made by 1 March preceding the session for which admission is desired.

Graduates of overseas universities may be required to take an entrance examination, for which a fee is payable, and they may be called for interview; if necessary, arrangements can be made for the examination and the interview to take place overseas. Overseas graduates of a British university are not required to take the entrance examination.

Application forms may be obtained from the department of Social Science and Administration.

Regulations

1. There shall be a Diploma in Social Policy and 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, where required, in the field work prescribed by these regulations, and who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a University or CNAA degree or other qualifications obtained by written examination which is approved for this purpose by the School. The

Department may apply to the School for special consideration to be given to a candidate who possesses a qualification obtained by written examination other than those listed above. Any such candidate will only be registered if the School is satisfied that their general education and professional training are of special relevance to the course.

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

4. There shall be an examination for the Diploma, to be held at the end of the Summer Term of each year on dates determined by the Convener of the Department of Social Science and Administration, hereinafter referred to as the Convener of the department. The examination shall comprise the following papers:

Lectures, Classes and Seminars

Option I

Two papers, an essay, and assessment of field work as follows:

(1) Social Policy and Economics

Ec.105, SA.103,
SA.105-106a,
SA.111-112,
SA.113-114a

(2) Social Structure and Psychology

Ps.100, Ps.101,
Ps.113-114, SA.109-a
SA.116, SA.116(ii)a

(3) Social Policy and Administration

An essay of not more than 5,000 words on a topic approved by the candidate's teachers. The essay shall be submitted to the Secretary of the Graduate School by a date to be determined by the Convener.

(4) Assessment of field work based on supervisor's reports: a candidate will be required to undertake twelve weeks' full-time field work normally in Britain during vacations as an integral part of the course. In the case of students resident in Britain six weeks of this shall normally be undertaken before the beginning of the course of study.

Option II

Three papers and either an essay or assessment of fieldwork as follows:

(1) Social Policy

SA.106-a

(2) The Development of British Social Policy

SA.103

(3) Social Structure and British Government

Gv.150, SA.109, SA.129

(4) *Either* An essay as under (3) in Option I

Or Assessment of field work based on supervisors' reports as under (4) in Option I.

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

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

6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them; provided that if a candidate fails in one paper but reaches the prescribed standard in each other

paper, the examiners may, at their discretion and if they do not consider their failure to be serious, declare them to be referred in that paper.

An examination for candidates so referred may be held either in the following August or at any subsequent Diploma examination.

7. A candidate may offer on not more than two subsequent occasions a paper in which they have been referred, of which the first occasion shall not normally be more than two, nor the second normally more than four academic years later than the occasion of the candidate's referral. If on one of these occasions they are successful in attaining the prescribed standard in that paper they shall be treated as having then satisfied the examiners in the whole examination.

8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. The examiners may recommend for an aegrotat a candidate who

(i) has completed the full period of study and any field work or practical work required

(ii) has been absent through illness or other sufficient cause from the whole or part of the examination for the Diploma

(iii) has made application, supported where appropriate by a medical certificate to the Academic Secretary for an aegrotat award.

Having considered the work which the candidate has submitted in such part of the examination as they have attended if any, records of the candidate's performance during the course, and assessments provided by the candidate's teachers, the examiners will determine whether evidence has been shown to their satisfaction that, had they completed the examination, the candidate would clearly have reached a standard which would have qualified them for the award of the Diploma. The recommendation of the examiners shall be considered by the Academic Board.

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

11. A candidate who re-enters for the Diploma examination may not re-submit an essay which they have previously submitted for examination.

12. Each candidate for the Diploma taking Option I (or if taking Option II electing to take fieldwork) in regulation 4 above shall be required to submit to the Convener of the department before the date on which they satisfy the examiners in the examination, or not later than two calendar years (or such further period as the Convener of the department may in any particular case permit) after that date, evidence to the satisfaction of the Convener of the department of their having completed field work of such nature and such duration as may be prescribed by the Convener of the department.

Diploma in Social Psychology

The School offers a course for graduate students leading to a Diploma in Social Psychology. The course is intended for graduates with first degrees, and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Social Psychology, or as an additional career qualification. In suitable cases it will be possible for a student to obtain an M.Sc. in Psychology by means of a further year's study after passing the Diploma examination at a sufficiently high level.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Social Psychology 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 who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the Convener of the Department of Social Psychology.
3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.
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 Convener of the Department of Social Psychology.

Note: Candidates should collect their entry forms for the Examination from the Graduate School Office and return them to the Office, duly completed, by 1 February.

The examination shall comprise the following:

| | <i>Lectures, Classes and Seminars</i> |
|--|---|
| 1. Methods of Psychological Research II: Social and Statistical | Ps.108 |
| 2 and 3. Two papers from the following: | |
| (a) Personality and Social Behaviour | Ps.106-a |
| (b) Cognitive Psychology | Ps.109-a |
| (c) Advanced Study of Psychological Processes | Ps.115-a |
| (d) Social Change and Social Organisations | Ps.116-a |
| (e) Communication and Attitude Change | Ps.120, Ps.150 |
| (f) Child Development and Socialisation | Ps.118 |
| (g) Personality | Ps.119 |
| (h) Groups and Group Functioning | Ps.155 |
| (i) Social Psychology of Conflict | Ps.156 |
| (j) Interpersonal Behaviour | Ps.157 |
| (k) Psychological Study of Social Issues | Ps.159 |
| 4. An essay, research report or a paper approved by the Convener | |

The choice of papers is subject to the approval of the Convener, who may also permit alternative papers to be offered.

Note: Not all the papers listed under 2 and 3 above will be available in every year.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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. All the external examiners shall be persons who at the time of the examination are not members of the staff of the School.
6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by them.
7. The examiners may test any candidate by means of oral questions.
8. A mark of distinction shall be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Sociology

The School offers a course for graduate students leading to a Diploma in Sociology. The course is intended for graduates and for persons holding approved professional qualifications. The Diploma is intended to furnish a basis for further graduate work in Sociology as well as providing a foundation for a career qualification.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Sociology 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 who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless they hold a university degree or other qualification approved for this purpose by the School.
3. The prescribed course of study shall be one academic year for full-time students or two academic years for part-time students.
4. There shall be an examination for the Diploma to be held in the Summer Term of each year, on dates determined by the School.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office, duly completed, by 1 February.

The examination shall consist of four papers, as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| (1) Methods of Social Investigation | SA.115, So.152, SM.202-a |
| (2) Sociological Theory | So.105, So.150 |
| (3) Comparative Social Structures I: (Complex Pre-industrial Societies) | So.103, So.151 |
| (4) Comparative Social Structures II: (Industrial Societies) | So.104, So.151 |

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

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. 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 student may, at the discretion of the examiners, substitute an essay of not more than 10,000 words, which must be submitted by 15 May, for Comparative Social Structures I.

7. Candidates must attain a pass in each paper to gain the Diploma.

8. A mark of distinction may be awarded to candidates who show exceptional

merit, and such a performance (normally at least two Upper Second marks) will qualify a candidate to proceed to the M.Sc. in Sociology.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter the examination on one further occasion.

Diploma in Statistics

The School offers a course for graduate students leading to a Diploma in Statistics. The course is intended for graduates with first degrees specialising in subjects other than statistics, but including some study of statistics. Candidates holding other equivalent qualifications may also be considered. The mathematics background required is approximately that of an Advanced level pass in the General Certificate of Education examination. The Diploma will furnish a basis for further graduate work in statistics as well as provide a qualification for those who wish to embark on a career as a statistician.

Members of the staff of the Statistics department will advise prospective applicants on the relative suitability of the Diploma course and the M.Sc. Statistics course for particular individuals. Generally speaking, the M.Sc. can be obtained in one year only by students who have done a substantial amount of statistics during their first degree courses. In suitable cases it will, however, be possible for a student to obtain the M.Sc. by means of a further year's study after passing the Diploma examination at a sufficiently high level.

Applications for admission to the course should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

The department reserves the right to cancel lecture courses for any option for which there are fewer than four candidates. In such cases candidates will be prepared for the examination by tutorials and directed reading.

Regulations

1. There shall be a Diploma in Statistics which shall be awarded to persons who, having completed the course of study prescribed by these regulations, have satisfied the examiners in the examination for the Diploma and who have paid all fees owed to the School.
2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or other qualification approved for this purpose by the Convener of the department of Statistics.
3. The prescribed course of study shall be one academic year for full-time students, or two academic years for part-time students.
4. There shall be an examination for the Diploma, to be held in the Summer term of each year on dates determined by the Convener of the department of Statistics.

Note: Candidates should collect their entry forms for the examination from the Graduate School Office and return them to the Office duly completed by 1 February.

The examination shall comprise four papers selected with the approval of the candidate's supervisor from the following list:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| (a) Basic Statistical Theory | SM.269-a |
| (b) Statistical Methods and Inference | SM.207-a, SM.215-a, |
| (c) <i>Either</i> (i) Elementary Mathematical Methods | SM.102-a |
| <i>or</i> (ii) Mathematical Methods | SM.113-a |

(d) Social Statistics and Survey Methodology

Lectures, Classes and Seminars
SM.214-216, SM.234,
SM.265

(e) Statistical Demography

Pn.101-a, Pn.107-a

(f) Operational Research Methods

SM.314-315a

(g) *Either* (i) Econometric Theory
or (ii) Econometric Methods

SM.231-232a
Ec.115-a

(h) *One* of the following:

(i) Elements of Computer Science

SM.302-a, SM.305-a,
SM.311

(ii) Numerical Methods

SM.312-a

(iii) Any other paper approved by the candidate's teachers.

A candidate may not offer a paper in which he has been examined at first degree level or its equivalent.

A candidate will normally be expected to include papers (a) and (c) in his selection, and if he wishes subsequently to be considered for the M.Sc. in statistics at the School, he will normally include paper (b) also. These restrictions may be waived where the candidate can satisfy his supervisor that he has already reached the required standard in a particular paper or papers.

Part-time students may take one or two papers at the end of the first year of their course and the remainder at the end of the second year of their course.

5. In order to qualify for the award of the Diploma each candidate shall be required to attend a course on computer programming.

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

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

9. A mark of distinction shall be awarded to candidates who show exceptional merit.

10. A candidate who fails to reach the required standard in the examination may in approved cases, be allowed to re-enter for the examination on one further occasion.

Diploma in Systems Analysis and Design

The School offers a full-time course leading to the School Diploma in Systems Analysis and Design. The course is intended for graduates or for people with equivalent professional qualifications who are able to satisfy the Graduate School Committee that they are adequately qualified through their previous experience to be admitted to the Diploma.

The course was established in consultation with the Civil Service College who are seconding members of the College to attend it. Applications for admission should be made on the prescribed form to the Secretary of the Graduate School, London School of Economics and Political Science, Houghton Street, London WC2A 2AE.

Regulations

1. There shall be a Diploma in Systems Analysis and Design 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 who have paid all fees owed to the School.

2. No person shall be admitted to the prescribed course of study for the Diploma unless he holds a university degree or an equivalent professional qualification, or has satisfied the Graduate School Committee that he is adequately qualified through his previous experience.

3. The prescribed course of study shall be of one calendar year.

4. The examination shall consist of four papers, as set out below, to be sat in June and the satisfactory completion of a project of not more than 10,000 words to be submitted in the following September. A candidate's choice of options and project shall be made subject to the advice and approval of his supervisor.

| | <i>Lectures, Classes and Seminars</i> |
|--|--|
| 1 Computers in Information Processing Systems | SM.369-370a |
| 2 <i>Either (a) Elements of Management Mathematics or (b) Operational Research I</i> | SM.313-a SM.350-351a, SM.353-a, SM.357-358 |
| 3 Organisational Theory and Practice | Id.104, Id.107-a |
| 4 Information Systems Analysis and Design | SM.360-364 |

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 external examiner. The external examiner shall be a person who, at the time of the examination, is not a member of the staff of the School. He shall be appointed by the Academic Board and shall be eligible for reappointment for two further years, but for three calendar years thereafter shall not again be eligible for appointment.

6. In order to satisfy the examiners in the examination a candidate shall be required to reach in each paper a standard prescribed by the Examiners Board.

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

8. A mark of distinction may be awarded to candidates who show exceptional merit.

9. A candidate who fails to reach the required standard in the examination may, in approved cases, be allowed to re-enter the examination on one further occasion.

Note: Candidates should collect their forms for the examination from the Graduate School Office early in January and return them to the Office duly completed by 1 February.

The Master's Degrees—M.Sc., LL.M., M.A.

The University of London Master's degree is intended for award mainly on the result of written examinations after a course of study beyond first-degree level. In addition to written papers, students are required, in some subjects, to submit essays or reports on practical work, written during the course of study.

The Course of Study

The course of study for a full-time student will extend over not less than *one* academic or *one* calendar year, according to subject; but students whose initial qualifications in the field of study they wish to pursue are held by the School to be insufficient may be required to extend the course over *two* years and to pass a qualifying examination not less than one year before entering for the degree examination. If they fail to pass this qualifying examination they will not be allowed to re-enter for it without the permission of the School. No candidate will be admitted to the School to follow the course of study for a taught Master's degree except at the beginning of the session, i.e. in October.

A student who has been admitted to the School as a part-time student will be required to extend the course over *two* academic or *two* calendar years or longer if necessary.

Details of the various courses offered at the School for the University of London's Master's degrees are contained in pp. 251-282. **N.B.** Where the regulations for a course indicate that special permission is required for a student to take a particular subject or combination of subjects, such permission must be sought at the beginning of the course of study, and the Graduate School office must be informed if permission is given.

A student registered for a taught Master's degree may, with the permission and recommendation of the supervisor, apply to proceed to a research degree instead. On registering for the research degree the Master's degree registration will lapse. Only in exceptional circumstances may any period of time spent on the Master's degree count towards the prescribed period of registration for the research degree.

A candidate who fails in the examination will not normally be re-admitted to the School, but, under University regulations, may re-enter for the examination once more without being registered at the School.

Examination Arrangements

Entry for Examination

Examination entry forms should be collected from the Graduate School Office at the appropriate time. They should be completed according to the instructions supplied and returned to the Graduate School Office promptly by 12 January for June examinations (this also applies to candidates for September examinations who are to sit papers examined in June) and by 12 April for September examinations, so that the forms can be sent on to the University by the closing date (1 February and 1 May respectively).

Entry forms for *re-entry* to examinations will not be issued to candidates no longer registered at the School unless they ask for them at the appropriate time (mid-December for June examinations, late March for September examinations). Candidates are bound by the Regulations in force at the time of their re-entry to the examination. Candidates re-entering for examinations will be required to enter for the same examinations as they entered for previously, unless they have satisfactorily completed courses for different examinations.

Withdrawal from Examinations

Students who have entered for an examination and who wish to withdraw should inform the Graduate School Office as soon as possible, and should ask for advice as to their position if they should wish at some later date to re-enter for the examination. Generally speaking, students should notify the University of withdrawal from an examination *at least a week before* it begins, if that entry is not to be counted for the purposes of calculating liability for fees on re-entry and the number of occasions on which the student may re-enter. University Regulations also require students to have satisfied the examiners within two years of completion of the course, if they are to be awarded the degree; however, this period may be extended at the School's discretion.

Illness at the Examination

Candidates who are prevented owing to illness or other cause judged sufficient by the Academic Council of the University (such as death of a near relative) from completing at the normal time the examination for which they have entered may

- enter the examination on the next occasion when the examination is held, or, at the discretion of the examiners

- be set a special examination in those elements of the examination missed as soon as possible after that date and be permitted to submit any work prescribed (e.g. report) at a date to be specified by the University.

Applications on behalf of such candidates must be made by the School, be accompanied by a medical certificate and must reach the Academic Registrar at the University within seven days from the last day of the examination. Such applicants should, therefore, contact the Secretary of the Graduate School *immediately* if they are prevented from sitting any examination paper(s).

Notification of Results

After the examiners have reached a decision, every candidate will be notified by the Academic Registrar of the University of the result of the examination.

The result of the examination is given for the examination as a whole. Results are not published for the individual components of an examination, and no marks or grades are awarded, other than a mark of Distinction to candidates showing exceptional merit in the examination.

A Diploma under the Seal of the University shall be subsequently delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of a degree to a candidate owing fees to the School.

Examination Arrangements—M.Phil. and Ph.D.

Research degree students are asked to consult their supervisor(s) in good time before their proposed date of submission of a thesis for examination, so as to avoid administrative difficulties.

Thesis Title and Requirements

The final thesis title should be submitted, with the supervisor's recommendation, to the Graduate School Committee through the Graduate School Office, about nine months before the proposed date of submission.

For the University's Regulations concerning the length of the thesis, see pages 280 and 283.

The University's detailed instructions on layout and presentation are issued to candidates with the examination entry form.

Entry for Examination

Examination entry forms are available from the Graduate School Office, and should be returned about three to four months before the proposed date of submission. With the entry form, every candidate is required to submit a signed statement authorising the University to make the thesis available for public reference, inter-library loan, photo-copying, micro-filming and publication in a list and central file of abstracts, a copy of the full text of this declaration is available from the Graduate School Office. Candidates may apply to the University to retain the sole right to grant access to the thesis for up to five years. The University will *not* give its permission for access to be restricted if the reason for requesting a restriction is that the thesis contains sensitive or confidential material or that reproduction of the thesis would infringe the rights of third-party holders of copyright. If the University does allow a restriction of access, it will normally only be for two years in the first instance, with the possibility of extension to an absolute maximum of five years only.

Candidates are invited to submit as subsidiary matter in support of their candidature any printed contribution or contributions to the advancement of the subject which they may have published independently or jointly. If candidates submit such subsidiary matter they will be required to state fully their own share in any conjoint work.

The thesis or dissertation may be submitted on or after the first day of the month following that in which the prescribed course is completed. A candidate who is required to pursue a course extending over a specified number of academic years will be permitted to submit the thesis or dissertation on or after 1 June of the relevant year.

A candidate who will not be ready to submit the thesis or dissertation at the end of the prescribed course may defer submission of the form of entry up to one calendar year from the completion of the course. A candidate who does not submit the form of entry within one calendar year may apply to the School for permission to enter the examination.

If a candidate has not submitted the thesis or dissertation for examination within eighteen months after submission of the form of entry for the examination the entry will be cancelled.

Every candidate who is unsuccessful at the examination will be required on re-entry to comply with the regulations in force at the time of re-entry.

Candidates are reminded that the decision to submit a dissertation or thesis in any particular form rests with the candidate alone and that the outcome of the examination is determined by two or more examiners acting jointly.

Examination

- For the purposes of the oral, practical or written examination held in connection with a thesis or dissertation, candidates will be required to present themselves at such a place as the University may direct and upon such a day or days as shall be notified. A Teacher or Teachers not exceeding two in number may be invited to attend the oral examination for the Ph.D. as observers.

- After the examiners have read the thesis or dissertation they may, if they think fit, and without further test, determine that the candidate has not satisfied them in the examination. Such a candidate will not be permitted to re-enter for the examination.

- Except as provided in paragraphs (b) and (d), the examiners, after reading the thesis or dissertation, shall examine the candidate orally, and at their discretion by written papers or practical examinations or by both methods, on the subject of the thesis or dissertation, and if they see fit, on subjects relevant thereto.

- (d) If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at any practical or written examination, the examiners may determine that the candidate be exempted on re-entry from presentation of a thesis or a dissertation and permitted to submit to a further practical or written examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D. If a thesis or dissertation is adequate, but the candidate fails to satisfy the examiners at the oral examination, the examiners may determine that the candidate be permitted to re-present the same thesis or dissertation, and submit to a further oral examination within a period specified by them not exceeding twelve months for the M.Phil. and eighteen months for the Ph.D.
- (e) If the thesis or dissertation, though inadequate, shall seem of sufficient merit to justify such action, the examiners may determine that the candidate be permitted to re-present the thesis or dissertation in a revised form within twelve months for the M.Phil., or eighteen months for the Ph.D. Examiners shall not, however, make such a decision without submitting the candidate to an oral examination. The examiners may at their discretion exempt from a further oral examination on re-presentation of his thesis or dissertation a candidate who under this regulation has been permitted to re-present it in a revised form.
- (f) If the thesis is otherwise adequate but requires minor amendments and if the candidate satisfies the examiners in all other parts of the examination, the examiners may require the candidate to make within one month specified amendments to their satisfaction or that of one of their number nominated by them.
- (g) If, after completion of the examination or re-examination for the Ph.D., the examiners determine that a candidate has not reached the standard required for the award of the degree nor for the re-presentation of the thesis in a revised form for that degree, they may determine, if they think fit, that the candidate has reached the standard required for the award of the M.Phil. Following such a decision of the examiners, the following conditions and procedures will apply:
- (i) The candidate will be informed that he has been unsuccessful at the examination for the Ph.D., but that he has reached the standard required for the award of the M.Phil., and that he may be considered for the award of the M.Phil. if he indicates within two months that he wishes to be so considered.
 - (ii) A candidate who indicates that he wishes to be considered for the award of the M.Phil. under this regulation will not be required to submit the thesis or dissertation, as may be required under the regulations for the M.Phil. or to undergo an oral examination thereon, but will be required to fulfil the requirements for the M.Phil. examination in all other respects including the passing, at the next following occasion on which they are held, of any required written papers or other required tests prescribed for the M.Phil. in the relevant field.
 - (iii) If additional forms of examination are prescribed, the candidate will be informed that he must satisfy the examiners in such forms of examination, and that if he fails, re-entry will be governed by the regulations for the M.Phil. so far as applicable.
 - (iv) A candidate who has reached the standard for the award of the M.Phil. who does not indicate that he wishes to be considered for the award of that degree within the period given in (a) above, will be informed that he has failed to satisfy the examiners for the Ph.D. and that he may no longer be considered for the award of the M.Phil.

- (h) Subsequent consideration of a candidate's representations regarding the assessment of his submission may be arranged under procedures approved by the Senate of the University.

Publication of Theses

The degree of Ph.D. will not be conferred upon a candidate unless the examiners certify that the thesis is worthy of publication as a 'Thesis approved for the degree of Doctor of Philosophy in the University of London'.

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.

A graduate will not be permitted to publish a thesis or dissertation as a thesis or dissertation approved for the M.Phil. without the permission of the University.

Notification of results

Every candidate will be notified by the University of the result of his examination after the examiners have reached a decision.

A diploma under the Seal of the University shall subsequently be delivered to each candidate who has been awarded a degree.

N.B. The School reserves the right to ask the University to withhold the award of the degree to a candidate owing fees to the School.

M.Sc. in the Faculty of Economics

Accounting and Finance

Duration of Course of Study

Full-time: One academic year (or one calendar year if an option examined in September is chosen).

Part-time: At least two academic years (or two calendar years if an option examined in September is chosen).

Examination

Four written papers or three written papers and an essay or report as follows:

- | | <i>Lectures, Classes and Seminars</i> |
|--|---|
| 1. Advanced Accounting and Finance I | Ac.104-a, Ac.153, Ac.155 |
| 2. Advanced Accounting and Finance II | Ac.157, Ac.159 |
| 3. and 4. Two of the following selected with the approval of the candidate's teachers: | |
| (a) Advanced Accounting and Finance III | Ac.105-a, Ac.154 |
| (b) Advanced Accounting and Finance IV | Ac.156, Ac.158 |
| (c) Economics of Industry | Ec.238, Ec.240-a |
| (d) Public Finance | Ec.236-239, LL.231 |
| (e) <i>Either</i> (i) Operational Research I | SM.350-351a, SM.353-a, SM.357-358 |
| <i>or</i> (ii) Advanced Mathematical Programming | SM.353-356 |
| (f) <i>Either</i> (i) Computing and Data Processing | SM.302-a, SM.305-a, SM.311, SM.326-363a |
| <i>or</i> (ii) Advanced Systems Analysis | SM.361-364 |
| (g) Industrial Organization | Id.107-a |
| (h) History of Business and Accounting | Ac.108, EH.144 |
| (i) A paper from another course for the M.Sc. in the Faculty of Economics | |
| (j) An essay or report of not more than 10,000 words | Ac.158 |

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper(s) and the essay or report, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|--|
| Written papers | June (except that a paper taken under (i) above will be examined at the time that course is examined). |
| Essay/report | By 1 June. |

Analysis, Design and Management of Information Systems

Duration of Course of Study

Full-time: One or two calendar years, depending on the candidate's entry qualifications.
Part-time: At least two calendar years, depending on the candidate's entry qualifications.

Examination

I Three written papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| 1. Advanced Systems Analysis | SM.360-364 |
| 2. Computers in Information Processing Systems | SM.369-370a |
| 3. One of the following selected with the approval of the candidate's teachers: | |
| (a) Advanced Econometric Theory I | Ec.314-315, SM.257 |
| (b) Mathematical Methods in Urban Planning | Gy.309, SM.367, SM.371-372 |
| (c) Operational Research I | SM.350-351a, SM.353-a, SM.357-358 |
| (d) Industrial Organization | Id.104, Id.107-a, Id.114 |
| (e) Accounting for Non-Specialists | Ac.100-101a, Ac.103 |
| (f) Management Mathematics | SM.313-a |
| (g) Manpower Planning | Id.111-112a |
| (h) Basic Statistical Theory | SM.269-a |
| (i) Any other subject approved by the candidate's teachers | |

and

II A report of not more than 10,000 words on a project selected with approval of the candidate's teachers.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part of the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|-----------------|
| Written papers | June |
| Report | By 15 September |

Demography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

I Three written papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| 1. Analytic Demography | Pn.152, Pn.155-156a |
| 2. Applied Demography | Pn.153-158a |
| 3. Social and Economic Demography | Pn.150-151a, Pn.160-161 |
| This paper will include a special study of a topic to be selected from | |
| (a) Third World Demography | Pn.140-a |
| (b) The Demographic Transition and the Modern Western World | Pn.103-a |
| (c) The Population History of England | Pn.102-a |
| (d) Family Composition, Kin and the Life Cycle | Pn.106-a |
| (e) Migration | Pn.105-a |

and

II A dissertation of not more than 10,000 words on a topic approved by the candidate's teachers.

Dates of Examination

| | |
|----------------|--------------|
| Written papers | June |
| Dissertation | 15 September |

Economics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

Four written papers as follows:

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| 1. Economic Theory I | Ec.210-211a, Ec.214-215 |
| 2. Economic Theory II | Ec.210-213 |
| 3. <i>Either</i> (a) Methods of Economic Investigation I <i>or</i> (b) Methods of Economic Investigation II | Ec.210-211a, Ec.216-a Ec.117, Ec.122, SM.232-a |
| 4. One of the following: | |
| (a) Advanced Economic Theory I: Theory of Economic Growth | Ec.217 |
| (b) Advanced Economic Theory II: Linear Economic Models | — |
| (c) Advanced Economic Theory III: Theory of Investment Planning | Ec.218-220a |
| (d) History of Economic Thought | Ec.130, Ec.221 |
| (e) International Economics | Ec.222-224a |
| (f) Theory of Optimal Decisions | Ec.135, Ec.226 |
| (g) Labour Economics | Ec.227-a, Ec.451 |
| (h) Monetary Economics | Ec.228-230 |
| (i) Economics of Public Enterprise | — |
| (j) Economics of Transport | Ec.150, Ec.231-235, SM.371 |
| (k) Public Finance | Ec.236-239, LL.231 |
| (l) Economics of Industry | Ec.238, Ec.240-a |
| (m) The Economics of Less Developed Countries and of their Development | Ec.146, Ec.242-244 |
| (n) Agricultural Economics | — |
| (o) Soviet Economic Development | Ec.245-246, Ec.248-249 |

| | |
|--|--------------------------------------|
| | <i>Lectures Classes and Seminars</i> |
| (p) Theory and Implementation of Detailed Planning | Ec.245-249 |
| (q) Economics of Education and Human Capital | Ec.227, Ec.250, Ec.451 |
| (r) Urban Economics | — |
| (s) Marx, Walras and Keynes in the Light of Contemporary Economic Analysis | Ec.254-a |
| (t) Environmental Economics | — |
| (u) Economic Inequality | Ec.258-259 |
| (v) The Economics of Technological Change and Long-Term Growth | Ec.260-263 |
| (w) Any other field of Economics approved by the candidate's teachers | |

In exceptional circumstances, a candidate may, subject to the approval of his teachers, substitute for one of the papers under 1, 2 or 3 a second paper in the subject selected under 4 or a paper in a second subject under 4.

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and if on that occasion the examination is failed, to make one further attempt at the whole examination.

| | |
|-----------------------------|------|
| Dates of Examination | |
| Written papers | June |

Econometrics and Mathematical Economics

Duration of Course of Study
Full-time: One academic year. *Part-time:* At least two academic years.

Examination
 Four written papers or, subject to the approval of the candidate's teachers, three written papers and an essay or report as follows:

| | |
|---|--|
| | <i>Lectures, Classes and Seminars</i> |
| 1. <i>Either</i> (a) Advanced Quantitative Economics I or (b) Advanced Quantitative Economics II | Ec.302-304 |
| 2, 3 and 4. <i>Three</i> of the following selected with the approval of the candidate's teachers. | |
| (a) Advanced Quantitative Economics I (if not taken under 1) | Ec.302-304 |
| (b) Advanced Quantitative Economics II (if not taken under 1) | |
| (c) Advanced Econometric Theory I | Ec.314-321, SM.257 |
| (d) Advanced Econometric Theory II (only available to candidates selecting paper Advanced Econometric Theory I) | Ec.314-321, SM.258 |
| (e) Advanced Mathematical Economics I | Ec.217, Ec.305-307, Ec.311-313, SM.109(ii)&(iii) |
| (f) Advanced Mathematical Economics II | Ec.217, Ec.308-313 |
| (g) <i>Either</i> (i) Advanced Mathematical Programming or (ii) Applied Abstract Analysis | SM.353-356a SM107-a |
| (h) Any other subject approved by the candidate's teachers | |
| (i) An essay or report of not more than 10,000 words | |

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining papers, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and if on that occasion the examination is failed to make one further attempt at the whole examination.

| | |
|-----------------------------|--------|
| Dates of Examination | |
| Written papers | June |
| Essay/Report | 1 June |

Economic History

Duration of Course of Study
Full-time: One calendar year. *Part-time:* Two calendar years.

Examination
 I. Three written papers selected with the approval of the candidate's teachers as follows:
Lectures, Classes and Seminars

1. The Sources and Historiography of Economic History in one of the following:
 - (a) England 1350-1500 EH.132
 - (b) England in the Seventeenth Century EH.133
 - (c) Britain from the later Eighteenth Century EH.134
 - (d) U.S.A. 1890-1929 EH.106, EH.136
2. and 3. *Two* of the following:
 - (a) A second paper under 1 (above)
 - (b) A paper on a specified period in the Economic History of Great Britain or the U.S.A.
 - (c) *One* of the following:
 - (i) Evolution of Early Technology to c. 1650
 - (ii) The Emergence of Modern Technology c. 1650-1850
 - (iii) Technology in the Modern Era
 - (d) Regional Problems in the United States Gy.411
 - (e) History of Economic Thought Ec.130, Ec.221
 - (f) The Regulation of the Economy by Government in the U.S.A. Gv.231
 - (g) British Labour History EH.130
 - (h) The Population of the United States of America from Colonial Times to the Present EH.140
 - (i) Aspects of Latin American Economic History since Independence (a reading knowledge of Spanish or Portuguese is desirable) EH.142
 - (j) The History of Transport from the Turnpike to the Motorway EH.131

and

- II. A report of about 10,000 words on a topic approved by the candidate's teachers relating to the period chosen under 1

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers.

The second part will consist of the remaining paper and the report and will be in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|---|
| Written papers | September (except that papers 2 and 3 (c), (e), (f), (h), and (i), will be taken in June) |
| Report | 1 September |

European Studies

Additional Entry Qualifications

Applicants should possess a knowledge of at least one European language other than English.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

- | | <i>Lectures, Classes and Seminars</i> |
|--|--|
| I. Three written papers as follows: | |
| 1. and 2. <i>Two</i> of the following: | |
| (a) European History since 1945 | Hy.118, Hy.179-a |
| (b) The Politics of Western European Institutions | IR.109, IR.122, IR.161-162 |
| (c) The Economic Organisation of the European Economic Community (not to be taken with paper 3(e)) | Ec.255-257 |
| 3. <i>One</i> of the following: | |
| (a) A paper from 1 and 2 not already taken | |
| (b) The Politics and Government of an Approved European Country | Gv.163, Gv.167-168, Gv.206, Gv.225, Gv.234 |
| (c) The Political Geography of Western Europe | — |
| (d) The International Politics of Western Europe | IR.155, IR.162 |
| (e) The Economics of European Integration (not to be taken with paper 1 and 2 (c)) | — |
| (f) The Law of European Economic and Monetary Transactions | LL.217-a |
| (g) The Law of Western European Institutions | LL.214 |

and

- II. An essay of not more than 10,000 words on an approved topic falling within the field of one of the candidate's chosen papers.

Dates of Examination

| | |
|----------------|--------------|
| Written papers | June |
| Essay | 15 September |

All students admitted for this course are required to take a test at the beginning of January to check on their progress. According to the results of this test, they may be advised, in extreme cases, to withdraw from the course, or, possibly, to take two years over the course. Candidates are not expected to 'pass' the test as if it were an end-of-course examination, but are advised to be aware of the fact that the test is regarded as an indication of progress.

Geography

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

- | | <i>Lectures, Classes and Seminars</i> |
|---|---------------------------------------|
| I. Three written papers as follows: | |
| 1. Geographical Concepts and Methods | Gy.400-401, Gy.403 |
| 2. Research Techniques and Design | Gy.402-403 |
| 3. <i>One</i> of the following: | |
| (a) Social Change and Urban Growth | Gy.404 |
| (b) Regional Policy and Planning | Gy.405 |
| (c) Natural Resources Management and Environmental Planning | Gy.312a, Gy.406 |
| (d) Spatial Aspects of Change in Economic Activity | Gy.407 |
| (e) Geography of Transport Planning | Gy.313-a, Gy.408 |
| (f) Any other subject of comparable range in the field of Geography, or one related thereto, approved by the candidate's teachers | |

and

- II. A report of not more than 10,000 words on an approved topic.

and

- III. Assessment of written work submitted during the course.

Candidates will also be required to show satisfactory evidence of acquaintance with field and other practical research techniques.

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|--------------|
| Written papers | June |
| Report | 15 September |

Industrial Relations and Personnel Management

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

- | | <i>Lectures, Classes and Seminars</i> |
|--|---------------------------------------|
| I. Three written papers as listed below: | |
| 1. <i>Either</i> (a) Industrial Relations and Personnel Management | Id.102 |
| or (b) Industrial Relations: Theory and Comparative Systems | Id.100-101a |
| 2. and 3. <i>Two</i> of the following: | |
| (a) A paper from 1 not already taken | |
| (b) Industrial Organisation | Id.106, Id.108, Id.114 |
| (c) Industrial Psychology | Id.114-a |
| (d) Industrial Sociology | Id.106 |
| (e) Labour Law | Id.115, LL.162 |
| (f) Labour Economics | Id.109, Id.111-112a |

- (g) Labour History
- (h) Manpower Planning
- (i) Accounting for Non-Specialists
- (j) Economics of Industry
- (k) Systems Analysis

Lectures, Classes and Seminars
 EH.104, EH.130, Id.118
 Id.111-112a
 Ac.100-101a, Ac.103
 Ec.240-a
 SM.308, SM.311,
 SM.362-363a

and

II. A report of not more than 10,000 words on an approved subject

and

III. Assessment of essays written during the course

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, and will be taken after the completion of the appropriate courses. The second part will consist of the remaining paper and the report will be taken in the final year of the course.

Dates of Examination

| | |
|----------------|-------------|
| Written papers | June |
| Report | 1 September |

International History

Additional Entry Qualifications

A knowledge of at least one European language in addition to English is advised and, for some courses, is essential.

Curriculum

1. One of the following general periods, including a knowledge of its sources and historiography:
 - (a) 1688-1740
 - (b) 1740-1789
 - (c) 1789-1815 (not at present available)
 - (d) 1815-1870
 - (e) 1870-1914
 - (f) 1914-1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under section 1:
 - (a) 1500-1815
 - (b) 1815-1919
 - (c) 1919-1946
3. A special aspect to be studied with the appropriate period under section 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles. This aspect will be selected from those available to candidates for the M.A. in International History and approved by the candidate's teachers

Courses by special arrangement

Courses by special arrangement

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

1. Three written papers
- and
2. An essay of not more than 10,000 words as a topic within the field of the period selected.

Dates of Examination

| | |
|----------------|-----------------------------|
| Written papers | June |
| Essay | Not later than 30 September |

International Relations

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

- I. Three written papers as follows:
 1. International Politics *Lectures, Classes and Seminars*
IR.102, IR.104, IR.152
 2. and 3. *Two* of the following, to be chosen with the approval of the candidate's teachers:
 - (a) Foreign Policy Analysis IR.105-107, IR.117-118, IR.153
 - (b) International Institutions IR.109, IR.160
 - (c) European Institutions IR.109, IR.122-123, IR.161-162, LL.214
 - (d) International Theory IR.127, IR.136, IR.163
 - (e) The Politics of International Economic Relations IR.124, IR.137, IR.166
 - (f) The International Legal Order IR.135, IR.169
 - (g) Strategic Studies IR.138, IR.141, IR.170, IR.172
 - (h) International Politics: The Western Powers IR.105, IR.155, IR.162
 - (i) International Politics: The Communist Powers IR.105, IR.116-117, IR.156
 - (j) International Politics: Asia and the Pacific IR.105, IR.117-119, IR.157
 - (k) International Politics: Africa and the Middle East Gv.162, IR.105, IR.118, IR.120-121, IR.158-159
 - (l) International Business in the International System IR.124, IR.137, IR.168
 - (m) Marxism and International Relations -
 - (n) Concepts and Methods in International Relations IR.104, IR.164
 - (o) International Law and Organizations in Latin America IR.173
 - (p) The Politics of Money in the World Economy IR.125, IR.167
 - (q) Any other subject of comparable range in the field of International Relations, or one related thereto approved by the candidate's teachers
- II. An essay of not more than 10,000 words on an approved topic

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course.

Dates of Examination

Written papers June
 Essay 1 June

All students admitted for this course, will be required to take a test at the beginning of October, to help their tutors advise them on course work and reading, especially in International Politics.

Logic and Scientific Method**Duration of Course of Study**

Full-time: One academic or one calendar year depending on the Scheme of Examination.
Part-time: Two academic or two calendar years depending on the Scheme of Examination.

Examination

I. Three written papers selected with the approval of the candidate's teachers as follows (candidates are normally required to take papers (a) and (b)):

| | <i>Lectures, Classes and Seminars</i> |
|---|---|
| (a) Advanced Scientific Method | Ph.100-101, Ph.111, Ph.120, Ph.122, Ph.127 |
| (b) <i>Either</i> (i) Logic or (ii) Mathematical Logic | Ph.112-113, Ph.116 Ph.115-a |
| (c) Advanced Mathematical Logic | SM.110-111 |
| (d) History of the Philosophy of Science | Ph.106-108, Ph.110 |
| (e) Metaphysics and Epistemology | Ph.106-108, Ph.110-111, Ph.125 |
| (f) Philosophy of Mathematics | Ph.116, Ph.123, Ph.128 |
| (g) Growth of Modern Science | Ph.109, Ph.123 |
| (h) Philosophy of the Social Sciences | Ph.102, Ph.104, Ph.124 |

and

II. An essay of not more than 10,000 words on a topic falling within the field of any of the papers.

Exceptionally candidates may be examined by four written papers selected with the approval of their teachers from the list given above (candidates will normally be required to take papers (a) and (b)).

Dates of Examination

Written papers June
 Essay 15 September

Operational Research**Additional Entry Qualifications**

A knowledge of mathematics and statistics to the level of Algebra and Methods of Analysis and Elementary Statistical theory as Part I of the B.Sc. (Econ.). A student who applies without previous study of one or more of these subjects may be required to pass a qualifying examination before admission.

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

I Four written papers or three written papers and a report on an approved subject selected with the approval of the candidate's teachers from *either* Option A *or* Option B; all candidates will take paper 1.

*Lectures, Classes and Seminars***Option A: Mathematical Techniques of Operational Research**

| | |
|---|--|
| 1. Fundamentals of Operational Research | Ac.104-a, Ec.249, Ps.158, SM.350-351a, SM.353-a, SM.357-358, SM.365-366, SM.374-375 |
| 2. Advanced Mathematical Programming | SM.353-356 |
| 3. Advanced Operational Research Techniques | SM.251-a, SM.352-a, SM.356-a, SM.368-a |
| 4. <i>One</i> paper from: | |
| (a) Basic Statistical Theory | SM.269-a |
| (b) Probability, Stochastic Processes and Distribution Theory | SM.250-251a SM.361-364 |
| (c) Advanced Systems Analysis | SM.106(i)-106(ii)a |
| (d) Games, Decisions and Gambling | Ec.250, SM.260-a, SM.265-a |
| (e) Education and Manpower Planning | Gy.309, SM.367, SM.371-372 |
| (f) Mathematical Methods in Urban Planning | SA.152 |
| (g) Social Planning | Ec.150, SM.356-a, SM.371, SM.373, SM.376 |
| (h) Transport Studies | — |
| (i) Any other subject approved by the candidate's teachers | — |

Option B: Operational Research in Public Planning

| | |
|---|--|
| 1. Fundamentals of Operational Research | Ac.104-a, Ec.249, Ps.158, SM.350-351a, SM.353-a, SM.357-358, SM.365-366, SM.374-375 |
| 2. and 3. <i>Two</i> papers from | |
| (a) Education and Manpower Planning | Ec.250, SM.260-a, SM.265-a, Gy.309, SM.367 SM.371-372 |
| (b) Mathematical Methods in Urban Planning | SA.152 |
| (c) Social Planning | Ec.150, SM.356-a, SM.371, SM.373, SM.376 |
| (d) Transport Studies | — |
| 4. <i>One</i> paper from: | |
| (a) A further paper selected from papers 2 and 3 | SM.353-356 |
| (b) Advanced Mathematical Programming | SM.251-a, SM.352-a, SM.356-a, SM.368-a |
| (c) Advanced Operational Research Techniques | SM.106(i)-106(ii)a SM.269-a |
| (d) Games, Decisions and Gambling | SM.250-251a |
| (e) Basic Statistical Theory | SM.361-364 |
| (f) Probability, Stochastic Processes and Distribution Theory | — |
| (g) Advanced Systems Analysis | — |
| (h) Any other subject approved by the candidate's teachers | — |

and

II An assessment of course work

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of the compulsory paper "Fundamentals of Operational Research", and will be taken after completion of the course for that paper. The second part will consist of the remaining three papers (or two papers and a report) and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

Written papers June
Report June

Politics 1 — History of Political Thought

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Four written papers:

1. Nature and Scope of Intellectual History
2. Critical Problems in the History of Political Thought
3. Set Text (Candidates will choose *one* of a list of specified authors)
4. Essay paper

} Subject to the advice of the Student's Supervisor

Dates of Examination

Written papers September

Politics 2—The Politics and Government of the U.K.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Either Four written papers

or Three written papers and an essay written during the course

1, 2 and 3. *Three* of the following:

- (a) The State in Britain
- (b) Interpretations of the Constitution
- (c) The History of British Politics in the Twentieth Century
- (d) Modern British Political Ideas

} Subject to the advice of the Student's Supervisor

4. *Either* (a) An essay paper to be written under examination conditions; candidates will be given a choice of essay titles drawn from work covered during the course of study

Or (b) (by arrangement) An essay of not more than 10,000 words, written on any approved topic during the course of study

Candidates may, subject to the approval of their teachers, substitute any other paper which is offered for the M.Sc., LL.M., or M.A., for one of the papers listed under 1, 2 and 3 above. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers September
Essay 15 September

Politics 3—Political Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Lectures, Classes and Seminars

Examination

I. Three written papers

1. Theories and Concepts of Political Sociology Gv.210, So.130
2. Revolutions and Social Movements Gv.210-211, So.131
3. The Study of Political Behaviour Gv.153, Gv.210, Ps.120

and

II. An essay of about 15,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers September
Essay 1 August

Politics 4a—The Politics and Government of Russia

Additional Entry Qualifications

An ability to read political texts in Russian. If this is lacking a two-year course, involving intensive study of the Russian language in the first year, will be necessary.

Duration of Course of Study

Full-time: At least one calendar year, depending on the student's knowledge of Russian.
Part-time: At least two calendar years, depending on the student's knowledge of Russian.

Lectures, Classes and Seminars

Examination

1, 2 and 3. *Three* of the following:

- (a) Russian Political Institutions—1861-1917 Gv.166, Gv.227-228
- (b) Russian Political Thought—1815-1980 Gv.166, Gv.227-228
- (c) The Development of the Soviet Polity Gv.227-228, LL.164
- (d) Soviet Political Institutions Gv.165-166, Gv.227-228

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study

Dates of Examination

Written papers September
Essay 15 September

Politics 4b—The Politics and Government of Russia (without Russian Language)

Subject to approval by the University

Curriculum

Set texts will be studied in translation

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination1, 2 and 3. *Three* of the following:

- (a) Russian Political Institutions—1861–1917
- (b) Russian Political Thought—1815–1980
- (c) The Development of the Soviet Polity
- (d) Soviet Political Institutions

and

4. An essay of not more than 10,000 words written on an approved topic during the course of study.

Dates of Examination

Written papers September
 Essay 15 September

Lectures, Classes and Seminars

Gv.166, Gv.227–228
 Gv.166, Gv.227–228
 Gv.227–228, LL.164
 Gv.165, Gv.227–228

Politics 5—Comparative Government**Duration of Course of Study***Full-time:* One calendar year. *Part-time:* Two calendar years.**Examination**

I. Three written papers

1. Comparative Government

2. and 3. *Two* of the following papers:

- (a) Government and Politics of the USSR
- (b) France—The Growth of Presidential Government
- (c) Germany—The Growth of Parliamentary Government
- (d) Government and Politics of a selected African country
- (e) Regulations of the Economy by Government in the U.S.A.
- (f) Government and Politics of Scandinavia
- (g) Government and Politics of Eastern Europe
- (h) Government and Politics of Latin America

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers September (June for papers 2 (b), (c), (d), (e), (f), (g) and (h) and, if appropriate, the substituted paper referred to above)
 Essay 15 September

Lectures, Classes and Seminars

Gv.209
 Gv.227–228
 Gv.163, Gv.225
 Gv.167, Gv.234
 Gv.162, Gv.230–a
 Gv.231
 Gv.168–a
 Gv.227
 Gv.170, Gv.238

Politics 6—Public Administration and Public Policy**Duration of Course of Study***Full-time:* One calendar year. *Part-time:* Two calendar years.**Examination**

I. Three written papers:

1. Comparative Administrative Systems

Lectures, Classes and Seminars

Gv.154, Gv.156, Gv.216,
 Gv.219, Gv.222–224

2. Public Policy and Planning

3. *One* of the following

- (a) Comparative Local Government
- (b) Comparative Public Enterprise
- (c) Administration and Government in New and Emergent States
- (d) Administration in Regional and Urban Planning

Lectures, Classes and Seminars

Gv.156, Gv.212–214,
 Gv.216, Gv.219,
 Gv.222–224
 Gv.157–159
 Gv.220–221
 Gv.230–a
 Gv.159, Gv.212–214,
 Gv.217–218

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed under I above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed. In exceptional circumstances, a candidate may be allowed, subject to the supervisor's approval, to substitute a second optional paper from 3 above, or from the M.Sc. in Social Policy and Planning or from any other paper which is offered for the M.Sc. in Politics, for *one* of the papers 1 or 2 above.

Dates of Examination

Written papers June
 Essay 1 September

Politics 7—The Politics and Government of Western Europe**Duration of Course of Study***Full-time:* One calendar year. *Part-time:* Two calendar years.**Examination**

I. Three written papers

1. The Politics and Government of Western Europe

2. *One* of the following:

- (a) Germany: the Growth of Parliamentary Government
- (b) France: the Growth of Presidential Government
- (c) Government and Politics of Scandinavia

3. *Either* another paper from 2 above *or one* of the following

- (a) European Multiparty Systems
- (b) French Public Administration and Local Government
- (c) German National Socialism
- (d) European History Since 1945
- (e) The Politics of Western European Institutions

(f) The International Politics of Western Europe

and

II. An essay of not more than 10,000 words written on an approved topic during the course of study

Lectures, Classes and Seminars

Gv.226, Gv.236–237,
 Gv.240
 Gv.167, Gv.234
 Gv.163, Gv.225
 Gv.168–a
 Gv.233
 —
 Gv.235
 Hy.118, Hy.179–a
 IR.109, IR.122,
 IR.161
 IR.155, IR.162

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed in section 3 above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers June
 Essay 15 September

Politics 8—Politics and Government in Africa

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

- I. Three written papers
 1. African Government and Politics
 2. International Politics in Africa
 3. The Government and Politics of a Selected African State

*Lectures,
 Classes and Seminars*

Gv.162, Gv.230-a
 IR.120, IR.158

and

- II. An essay of not more than 10,000 words written on an approved topic during the course of study

Candidates may, subject to the approval of their supervisor, substitute for one of the written papers listed above any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which that paper is listed.

Dates of Examination

Written papers June
 Essay 15 September

Politics 9—Political Philosophy

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

Either Three written papers and an essay written during the course
or Four written papers

1. Greek Political Philosophy: The Concept of Justice
 2. Modern Political Philosophy: Freedom and Equality
 3. Set Text (candidates will choose one of a list of specified authors)
 4. An essay of not more than 10,000 words, written on an approved topic during the course of study.

*Lectures,
 Classes and Seminars*

Gv.203
 Gv.204

Candidates may, subject to the approval of their supervisors, substitute for paper 3 above or for the essay any other paper which is offered for the M.Sc., LL.M. or M.A. The substituted paper is to be taken at the time when it is normally taken by candidates for the course under which it is listed.

Dates of Examination

Written papers September
 Essay 15 September

Regional and Urban Planning Studies

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Lectures, Classes and Seminars

Examination

I. Three written papers as follows:

- | | |
|--|--|
| 1. The Economics of Regional and Urban Planning | Ec.101, Ec.149, Ec.235, Ec.400-401, Gy.412, Gy.450, Gy.452, Gy.454 |
| 2. Administration in Regional and Urban Planning | Gy.450, Gy.452, Gy.454, Gv.212-213, Gv.159, Gv.217-218, SA.125 |
| 3. Geographical Aspects of Regional and Urban Planning | Gy.309, Gy.311, Gy.312a, Gy.406, Gy.450-452, Gy.454, SM.367 |

and

- II. *Either* 1. An essay of not more than 10,000 words on an approved topic
or 2. A report of not more than 10,000 words on practical exercises carried out during the course

and

- III. Candidates must also satisfy the examiners that they have achieved a sufficient level of attainment in statistics

Dates of Examination

Written papers June
 Essay/report 15 September

Sea-Use Law, Economics and Policy-Making

This course is designed in the first instance for civil servants, naval officers and others concerned with problems of policy-making, legislation, policing and management of the 200-mile economic zones established offshore as a result of the proceedings of the Third United Nations Conference on the Law of the Sea. Other students with appropriate qualifications and interests may also be admitted.

Duration of Course of Study

Full-time: One calendar year.

Examination

I. Three written papers as follows:

1. Marine Science, Resources and Technology
 2. and 3. *Two* papers from:
 (a) International Law of the Sea
 (b) National and International Problems in Sea-Use Policy-Making
 (c) Economics

and

- II. An essay of not more than 10,000 words on an approved topic.

Dates of Examination

Written papers June
 Essay September

All students on this course will be required to spend two weeks at the University Marine Biology Research Laboratory.

Social Administration and Social Work Studies

1. Social Policy and Planning

Duration of Course of Study

Full-time: One academic year. *Part-time:* Two academic years.

Examination

I. Three written papers as follows:

- | | |
|--|---|
| 1. <i>Either</i> (a) Social Planning or (b) Social Policy and Administration | SA.152-153a, SA.311 SA.151, SA.153-a, SA.311 |
| 2. and 3. <i>Two</i> of the following | |
| (a) A paper from 1 not already taken | |
| (b) Planning of Health Services | SA.126, SA.154 |
| (c) Income Maintenance and Social Security Policies | SA.155 |
| (d) Planning of Personal Social Services | SA.123, SA.156 |
| (e) Housing and Urban Planning | SA.125, SA.157 |
| (f) Education Policies and Administration | SA.158 |
| (g) (With the consent of the candidate's teachers) a paper from any other M.Sc. course in the Faculty of Economics | |

and

- II. A report of not more than 10,000 words on a topic approved by the candidate's teachers

Part-time students may with the approval of the School take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|---------|
| Written papers | June |
| Report | 20 June |

2. Social Work Studies

Additional Entry Qualifications

Field work experience in a social work agency; candidates must also satisfy the selectors as to their personal suitability for social work.

Duration of Course of Study

Full-time: One calendar year.

Examination

I. Three written papers as follows:

- Social Work Studies
- Social Problems and Social Services
- Mental Health and Mental Disorder

and

- II. Assessment of field work based on supervisors' reports and an essay dealing with an aspect of this work approved by the candidate's teachers.

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as required by the School, unless the examiners determine otherwise.

Dates of Examination

| | |
|----------------|-------------|
| Written papers | June |
| Essay | 1 September |

3. Social Policy and Social Work Studies

Duration of Course of Study

Full-time: Two calendar years.

Examination

I. Three written papers as follows:

- Theories and Practice of Social Work
- Psychology, Human Growth and Behaviour
- Social Policy and Administration

and

- II. Assessment of fieldwork based on supervisors' reports and a report of not more than 10,000 words dealing with an aspect of this work approved by the candidate's teachers

In order to be awarded the degree, a candidate must satisfy the examiners in all elements of the examination. A candidate who fails the examination and wishes to re-enter will be required to complete a further period of social work practice as directed by the School, unless the examiners determine otherwise.

Dates of Examination

| | |
|----------------|-------------|
| Written papers | June |
| Report | 1 September |

Social Anthropology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* At least two calendar years.

Examination

I. Three written papers as follows:

- | | |
|---|------------------------|
| 1. General Principles of Social and Cultural Anthropology | An.100, An.200, An.303 |
| 2. Political and Economic Institutions | An.201 |
| 3. Magic and Religion | An.303 |

and

- II. An essay of not more than 10,000 words on an approved topic within one of the following fields:

- | | |
|---|----------------|
| (a) Ethnography of a Region with Special Reference to Selected Peoples (any region indicated for the B.A. degree in Anthropology examination, or Latin America, or the Mediterranean, may be offered) | An.301 |
| (b) Applied Social Anthropology | An.304 |
| (c) Social Change in Developing Societies | An.304 |
| (d) Social Anthropological Studies of Sectors of Complex Modern Societies | An.304 |
| (e) Anthropological Linguistics | An.302, Ln.100 |

- (f) Primitive Technology
- (g) Primitive Art
- (h) Islamic Societies and Cultures
- (i) Any other topic approved by the candidate's teachers

Part-time students may, with the approval of the School, take the examination in two parts. The first part will consist of two papers taken after completion of courses for those papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|--------------|
| Written papers | June |
| Essay | 15 September |

Social Philosophy

Duration of Course of Study

Full-time: One academic or calendar year, depending on the Scheme of Examination.
Part-time: Two academic or calendar years, depending on the Scheme of Examination.

*Lectures, Classes
and Seminars*

Examination

I. Three written papers selected with the approval of the candidate's teachers as follows (Paper 3 (d) is not available to candidates who do not possess a first degree in philosophy or equivalent training in philosophy):

- | | |
|--|-----------------------------------|
| 1. Social Philosophy | Ph.103, Ph.121 |
| 2. Philosophy of the Social Sciences | Ph.102, Ph.104, Ph.124 |
| 3. One of the following: | |
| (a) Logic | Ph.112-113, Ph.116 |
| (b) History of the Philosophy of Science | Ph.106-108, Ph.110 |
| (c) Metaphysics and Epistemology | Ph.106-108, Ph.110-111, Ph.125 |

(d) A paper in Social Anthropology or Sociology, or a paper from any other course for the M.Sc. in the Faculty of Economics

and

II. An essay of not more than 10,000 words, normally on a topic falling within the field of papers 1 and 2

Candidates may be permitted to substitute for paper 2 a further paper listed under 3 above. Exceptionally, candidates may be permitted to substitute for the essay a further paper listed under 3 above.

Dates of Examination

| | |
|----------------|--|
| Written papers | June (candidates taking under 3 (d) a paper which is normally examined in September will sit that paper in September.) |
| Essay | 15 September |

Social Planning in Developing Countries

Additional Entry Qualifications

Several years' practical experience in relevant work.

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

*Lectures, Classes
and Seminars*

Examination

I. Three written papers as follows:

- | | |
|--|------------------------|
| 1. Social Policy and Planning in Developing Countries | SA.172-a, SA.174 |
| 2. and 3. Two of the following: | |
| (a) Planning Health Development | SA.126, SA.154, SA.175 |
| (b) Planning Welfare Services and Social Security | SA.176 |
| (c) Social and Economic Aspects of Urbanization | SA.125, SA.178 |
| (d) Rural Development | SA.177 |
| (e) Social Implications of Education and Manpower | Ec.250, Ec.451, SA.179 |
| (f) Demography | — |
| (g) An approved paper from another branch of M.Sc. study | — |

and

II. An essay of not more than 10,000 words on an approved topic

Dates of Examination

| | |
|----------------|-------------|
| Written papers | June |
| Essay | 8 September |

Social Psychology

Curriculum

Courses relevant to three papers from the selection given below. In addition, the curriculum will include Social Psychological Methods of Research, which will consist of three sections: (a) a report on an approved project; (b) research assignments and designs; and (c) weekly statistical exercises and a statistics test.

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Lectures, Classes and Seminars

Examination

I. Three written papers selected from the following:

- | | |
|---|----------------|
| (a) Child Development and Socialisation | Ps.118 |
| (b) Language, Thought and Communication | Ps.160 |
| (c) Groups and Group Functioning | Ps.155 |
| (d) Social Psychology of Organisations | Ps.153 |
| (e) Social Psychology of Conflict | Ps.156 |
| (f) Communication and Attitude Change | Ps.120, Ps.150 |
| (g) The Psychological Study of Social Issues | Ps.159 |
| (h) Person Perception | — |
| (i) Personality | Ps.154 |
| (j) Selected Issues in Social Psychology | — |
| (k) Inter-Personal Behaviour | Ps.157 |
| (l) With the consent of the candidate's teachers, a paper from any other M.Sc. course in the Faculty of Economics | — |

and

II. A report of not more than 8,000 words on a project approved by the candidate's teachers.

and

- III. Assessment of course work in the form of research assignments and designs, weekly statistical exercises and a statistics test and an approved programme of essays written during the course.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of *either* (a) two written papers *or* (b) one written paper and the report and assessment of those parts of the course work already completed, *or* (c) one written paper and assessment of those parts of the course work already completed. It will be taken after completion of the appropriate courses. The second part will consist of the remaining parts of the examination and will be taken in the final year of the course. Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|---|
| Written papers | June |
| Report | 30 June, or two weeks after the date of the last written paper, whichever is the latest (in the relevant year for students taking the part-time course who are submitting the report in partial fulfilment of the first part of the examination). |

Sociology

Duration of Course of Study

Full-time: One calendar year. *Part-time:* Two calendar years.

Examination

- I. Three papers as follows:
- | | |
|--|---------------------|
| 1. Methods of Sociological Study | So.160-161 |
| 2. and 3. <i>Two</i> of the following: | |
| (a) Social Structure of Industrial Societies | So.162 |
| (b) Sociology of Development | So.132, So.163 |
| (c) Sociology of Deviant Behaviour | So.165 |
| (d) Sociology of Religion | So.142, So.166 |
| (e) Industrial Sociology | Id.106 |
| (f) Race Relations | So.167 |
| (g) <i>Either</i> (i) Theories and Concepts of Political Sociology or (ii) Political Stability and Change | — So.131, So.168 |
| (h) Medical Sociology | SA.154 |
| (i) Sociological Theory | So.105, So.170 |
| (j) Nationalism | So.169 |

and

- II. An essay of not more than 10,000 words on an approved topic

In exceptional circumstances, and subject to the approval of their teachers, candidates may substitute for paper 1 a further paper from 2 and 3 above. A paper from any other course for the M.Sc. in the Faculty of Economics may, with the approval of the teachers concerned, be substituted for one paper taken under 2 and 3. The substituted paper is to be taken at the time when it is normally taken by candidates offering the course under which the paper is listed.

Students following a part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers. The second part will consist of the remaining paper and the essay, and will be taken in the final year of the course.

Part-time students who fail the first part of the examination may be permitted by the School to re-enter for the first part and to enter for the second part at the same examination, and, if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|--------------|
| Written papers | June |
| Essay | 15 September |

Sociology and Statistics

Additional Entry Qualifications

A candidate who wishes to take a combination of subjects for which, given the candidate's previous qualifications, one year's work is likely, in the view of the teachers concerned, to be inadequate, may be permitted to take the course over two years, the first year of which would be devoted wholly or partly to preliminary courses in appropriate subjects, followed by a qualifying examination before admission to the second year.

Duration of Course of Study

Full-time: One calendar year or two calendar years (*see above*).

Examination

- I. Three written papers as follows selected with the approval of the candidate's teachers:

Lectures, Classes and Seminars

1. and 2. *Two* from the following:
- | | |
|---|--------------------------|
| (a) Probability, Stochastic Processes and Distribution Theory | SM.250-251a |
| (b) Statistical Methodology and Inference | SM.254-258 |
| (c) Basic Statistical Theory | SM.269-a |
| (d) Advanced Social Statistics and Model Building | SM.251-a, SM.259-261a |
| (e) Survey Theory and Methods | SM.256, SM.262-a, SM.264 |
| (f) In exceptional cases a paper from another M.Sc. course in the Faculty of Economics may be substituted for one of the above papers | |
3. *One* of the following
- | | |
|--|---------------------|
| (a) Social Structure of Industrial Societies | So.162 |
| (b) Sociology of Development | So.132, So.163 |
| (c) Sociology of Deviant Behaviour | So.165 |
| (d) Sociology of Religion | So.142, So.166 |
| (e) Industrial Sociology | Id.106 |
| (f) Race Relations | So.167 |
| (g) <i>Either</i> (i) Theories and Concepts of Political Sociology or (ii) Political Stability and Change | — So.131, So.168 |
| (h) Sociological Theory | So.105, So.170 |

and

- II. A report of not more than 10,000 words on a subject to be approved by the candidate's teachers falling within the range of options in paper 3 but excluding the field chosen for the written paper. The report must demonstrate the candidate's ability to apply quantitative methods to an appropriate field within Sociology.

Dates of Examination

| | |
|----------------|--------------|
| Written papers | June |
| Report | 15 September |

10. Statistics

Duration of Course of Study

Full-time: One academic year. *Part-time:* At least two academic years.

Examination

I. Three papers selected with the approval of the candidate's teachers from the following list:

- | | |
|---|---------------------------------------|
| | <i>Lectures, Classes and Seminars</i> |
| (a) Probability, Stochastic Processes and Distribution Theory | SM.250-251a |
| (b) Statistical Methodology and Inference | SM.254-258 |
| (c) Advanced Social Statistics and Model Building (Not to be taken with paper (g)) | SM.251-a, SM.259-261a |
| (d) Advanced Econometric Theory I | Ec.314-315, SM.257 |
| (e) Advanced Mathematical Programming | SM.353-356a |
| (f) Survey Theory and Methods | SM.256, SM.262-a, SM.264 |
| (g) Education and Manpower Planning (Not to be taken with paper (c)) | Ec.250, SM.260-a, SM.265-a |
| (h) Mathematics (by special arrangement only) | |
| (i) Demographic Techniques and Analysis (by special arrangement only) | |
| (j) Any other topic approved by the candidate's teachers | |

and

II. A report on a project done during the course and a record of associated practical work

Students following the part-time course may, with the approval of the School, take the examination in two parts. The first part will consist of two papers, taken after completion of courses for those papers. The second part will consist of the remaining paper and the report and will be taken in the final year of the course. Part-time students who fail the first part of the course may be permitted by the School to re-enter for the first part and enter for the second part at the same examination and if on that occasion the examination is failed, to make one further attempt at the whole examination.

Dates of Examination

| | |
|----------------|--------|
| Written papers | June |
| Report | 1 June |

M.Sc. in the Faculty of Science

Mathematics

Additional Entry Qualifications

A candidate for registration will normally be expected to have obtained a B.Sc. with First or Second Class Honours of the University of London, or an equivalent qualification, with Mathematics (or an appropriate branch of Mathematics) as a main field of study. In certain cases, qualifications in other subjects may be acceptable, for example, a First or Second Class Honours degree in Physics or Astronomy.

Curriculum

1. Candidates are required to follow a number of lecture courses and to work on a project. The project shall be approved by the student's Head of Department on behalf of the University. It need not be connected with any of the courses taken.

2. The combination of courses to be offered by a student for examination must be approved by the University through the student's Head of Department. The courses may not overlap in any important respect and together must form a coherent curriculum.

3. A candidate may enter for the examination only in examinable courses listed in the booklets entitled 'Advanced and Postgraduate Lectures in Pure Mathematics', and 'Advanced and Postgraduate Lectures in Applied Mathematics' (a copy of which may be obtained from the Secretary of the Graduate School). The School's contribution is chiefly in the areas of Mathematical Logic and Operational Research.

4. The detailed regulations on the numbers of courses to be taken are available for inspection in the Graduate School Office.

Duration of Course of Study

For a suitably qualified student, not less than one calendar year of full-time study or not less than two years of part-time study. If a qualifying examination is prescribed, the prescribed period of study for the M.Sc. will only commence after the student has satisfied the qualifying conditions. In some cases candidates may be registered for a course of two calendar years of full-time study with a qualifying examination of the standard described above at the end of the first year.

Examination

Each course is examined separately and the examination is normally by a written paper. Candidates are required to submit a report based on their project. The examiners may hold an oral examination.

A student following a part-time course may *either* (a) on completion of his course enter for the examination *or* (b) enter on two occasions (at the end of appropriate academic years) for examination on any of the approved courses completed, provided that the total number of courses examined is the same as is required for the whole examination. Under (b) the first examination shall consist of at most 2 course-units, including at least 1/2 course-unit at the postgraduate level.

Dates of Examination

Course examinations: the last week of May and the month of June.

Report: by 10 September.

M.A. in the Faculty of Arts International History

The course will extend over one academic year, or in the case of part-time students over two academic years.

The Examination will consist of three papers and a dissertation.

Examiners may also take into account any seminar papers prepared by a candidate during the course.

Candidates will not be permitted to submit the dissertation unless they have satisfied the examiners in the three written papers.

A knowledge of at least one European language in addition to English is advisable, and for certain courses, will be essential. The requisite language or choice of languages is listed in brackets after every topic under 3.

1. One of the following general periods, including a knowledge of its sources and historiography:
 - (a) 1688-1740
 - (b) 1740-1789
 - (c) 1789-1815 (not at present available)
 - (d) 1815-1870

- (e) 1870-1914
(f) 1914-1946
2. Diplomatic theory and practice in one of the following periods, to be selected with the appropriate period under Paper 1:
(a) 1500-1815
(b) 1815-1919
(c) 1919-1946
3. A special aspect, to be studied with the appropriate period under Paper 1. Candidates will be expected to show knowledge of set printed sources and relevant monographs and articles:
(a) The Anglo-French Entente, 1713-1740 (French)
(b) (i) The Polish Question in International Relations, 1815-1864 (French, German or Polish)
(ii) Diplomacy by Conference, 1814-1833 (French)
(iii) The Mehemet Ali Crises, 1833-1841 (French)
(iv) Anglo-American Relations, 1815-1872
(v) Bismarck and Napoleon III (French or German)
(c) (i) The Coming of War, 1913-1914 (French or German)
(ii) The Powers and the West Pacific, 1911-1922 (French)
(d) (i) The Peace Settlement of 1919-1921 (French)
(ii) The Foreign Policy of the Weimar Republic, 1919-1933 (German)
(iii) The Military Policies of the Great Powers, 1919-1939 (French or German)
(iv) The Period of 'Appeasement', 1937-1939 (French, German or Italian)
(v) The European Settlement, 1944-1946 (French)
4. Dissertation, of not more than 10,000 words.

| Dates of Examination | Full-time | Part-time |
|----------------------|----------------------------------|----------------------------------|
| Written papers | June | June of the final year |
| Dissertation | By 30 September of the same year | By 30 September of the same year |

Area Studies

The School co-operates in the teaching for certain branches of the M.A. Area Studies degree offered by the University of London. Applications cannot, however, be made direct to the School, but must be made to the various institutions concerned with the admissions procedure for the M.A. degree.

Curriculum

Full details of the curriculum are available from the Centre of International and Area Studies, 15 Woburn Square, London WC1B 0NS.

Duration of Course of Study

Full-time: One academic year for candidates offering four written papers. One calendar year for candidates offering three written papers and a dissertation.

Part-time: Two academic years for candidates offering four written papers. Two calendar years for candidates offering three written papers and a dissertation.

Examination

For all programmes other than European Community Studies (1) *either* two papers *or* one paper and a dissertation of 10,000 words on a major subject and (2) *either* two papers on a minor subject *or* one paper in each of two minor subjects. For the Africa and Far East programmes the examination will also include an assessment of course work.

For the programme in European Community Studies: three written papers and a dissertation of 10,000 words.

Candidates registered for the part-time course will be required to pass in all written papers taken in any one year before proceeding.

All candidates who fail the written papers will normally be required to be accepted for and to complete a further course of study before re-entering the examination.

Candidates offering a dissertation will not be permitted to proceed to its submission unless they have satisfied the examiners in the three written papers.

| Dates of Examination | Full-time | Part-time |
|----------------------|--------------------------------------|---|
| Written papers | June | June of the year in which each major and minor subject has been taken |
| Dissertation | Before 30 September of the same year | Before 30 September of the final year |

LL.M in the Faculty of Laws

Additional Entry Qualifications

A first degree with a substantial law content.

Duration of Course of Study

Full-time: A period of twelve months commencing in October.

Part-time: A period of twenty-four months commencing in October.

Curriculum

Candidates must offer four of the subjects listed below, or with the leave of the School three of the subjects listed below and an essay written during the course of study of an approved legal topic.

In place of one of the subjects listed below a candidate may exceptionally be permitted (with the permission of the School) to select a complementary subject of equivalent level examined by means of written papers from any other Master's course in the University. Any subject so selected must be submitted for approval to the University, normally *early in the first term* of the session in which the candidate is first registered. The examination in the substituted subject will take place at the time specified in the regulations for the course under which that paper is listed. **N.B.** Candidates permitted to select a complementary subject from another Master's degree may not also submit an essay in place of one of the four written papers.

Examination

Either written papers on each of the four subjects selected,
or with the leave of the School

1 a written paper on each of the three subjects selected;

and **2** an essay of not more than 15,000 words on a legal topic approved by the School and notified to the University. The essay must provide evidence of original work or a capacity for critical analysis. The title of the essay must be notified to the University by the last day of February in the year in which the candidate presents himself for examination. The essay must be submitted in duplicate in typescript;

and **3** an oral examination (unless the examiners otherwise determine).

Questions may be set on recent legislation and current proposals for law reform within the scope of the syllabus.

Statutes and other materials may not be brought into the examination room except in accordance with the following regulations:

candidates are permitted to take into the examination

(1) a Queen's Printer copy of any statute which the Board of Examiners for the time being has prescribed

(2) a copy of any other materials which the Board of Examiners for the time being has prescribed

Personal annotation on statutes and other materials permitted to be taken into the examination is forbidden.

| Dates of Examination | Full-time | Part-time |
|----------------------|---------------------------------------|---------------------------------------|
| Written | Between 25 August and 15 September | Between 25 August and 15 September |
| Essay | 1 July | 1 July of final year |

Subjects of Study

Seminars marked with an asterisk in the list below are given at the School. Those not so marked are given at other Colleges of the University. Students registered at this School must choose at least two subjects marked with an asterisk.

1. Jurisprudence and Legal Theory
2. Legal History
3. Administrative Law
4. Comparative Constitutional Law I*
5. Comparative Constitutional Law II
6. Comparative Constitutional Law III
7. The Principles of Civil Litigation*

11. Company Law*
12. Insurance
13. Marine Insurance
14. Carriage of Goods by Sea
15. Maritime Law
16. Law of Personal Taxation*
17. Law of Business Taxation*
18. Law of Credit and Security

21. Industrial and Intellectual Property*
22. Law of Management and Labour Relations*
23. Individual Employment Law*
24. Monopoly, Competition and the Law* (*Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in subject 46, European Community Law, nor subject 47, European Community Competition Law*)

31. The Law of Mortgages and Charities
32. The Law of Landlord and Tenant
33. Planning Law
34. Law of Estate Planning
35. The Law of Restitution*

41. Comparative Law of Contract in Roman and English Law
42. Comparative European Law (*Candidates taking the Soviet Law option for this subject may not take subject 77, Soviet, East European and Mongolian Law*)
43. Comparative Criminal Law and Procedure*
44. Comparative Family Law* (*Candidates taking this subject may not take Special Subject (h) of subject 77, Soviet, East European and Mongolian Law. Candidates taking option (4) for this paper—The Law of the Overseas Chinese Communities in Singapore and Hong Kong—may not offer subject 75, Chinese Customary Law*)
45. Comparative Conflict of Laws
46. European Community Law (*Candidates offering special subject (b) Community Law relating to Competition may not offer subject 24, Monopoly, Competition and the Law, nor subject 47, European Community Competition Law*)
47. European Community Competition Law* (*Candidates offering this subject may not offer the special subject (b) Community Law relating to Competition in Subject 46, European Community Law, nor subject 24, Monopoly, Competition and the Law*)

51. History of International Law
52. Methods and Sources of International Law
53. Comparative Approaches to International Law
54. Law of International Institutions*
55. Law of European Institutions*

56. Air and Space Law I
57. Air and Space Law II
58. International Law of the Sea*
59. International Economic Law*
60. International Law of Armed Conflict
61. Legal Aspects of Defence Studies
62. International Business Transactions
63. Law of Treaties
64. Human Rights

71. African Law
72. Law of Land and Natural Resources in Africa South of the Sahara
73. Law and Society in South Asia
74. Mohammedan Law
75. Chinese Customary Law
76. Modern Chinese Law
77. Soviet, East European and Mongolian Law* (*Candidates taking Special Subject (h) of this subject may not take subject 44, Comparative Family Law. Candidates taking any part of this subject may not take the Soviet Law option under subject 42, Comparative European Law*)

81. Criminology I*
 - Criminology II (subject to approval by the University)
82. Sentencing and the Treatment of Offenders*
 - Juvenile Justice (subject to approval by the University)

The Degree of M.Phil.

The degree of Master of Philosophy may be conferred (in the Faculties of Economics, Arts, Laws and Science as appropriate) in every field for which the School offers teaching.

General regulations and qualifications for admission

A graduate who has not obtained at least a Second Class (Upper Division) in an honours degree of this university or its equivalent in another university, will not normally be admitted to the School as a candidate for the M.Phil. degree.

Candidates whose initial qualifications in the field of study they wish to pursue are held by the school to be insufficient may be required to follow a course of study and to pass a preliminary examination not less than a year before submission of the dissertation.

The University Regulations specify conditions of registration in certain subjects as follows:

Geography

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with first or upper second class honours and Geography as the main field of study, or an M.Sc. degree in Geography of the University of London, or other degree accepted as equivalent to these degrees for this purpose. Other candidates may be accepted for registration, but will normally be required to pass a qualifying examination at which the standard will be at least upper second class honours.

History

A candidate shall be required to have obtained a first or second class honours degree in History from a British university or another degree accepted as

equivalent for this purpose. A candidate who does not fulfil this condition may be required to pass a qualifying examination before registration. Such candidates will be required to reach at least lower second class honours standard in each paper taken.

Psychology

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with Psychology as a main field of study or other degree accepted by the University as equivalent. Other candidates may be accepted for registration but will normally be required to pass a qualifying examination.

The course of study

Every student is required to pursue a regular course of study at the School under supervision of a Recognised Teacher or Teachers of the University.

The course of study will extend over not less than two academic years for full and part-time students.

Students registering for the M.Phil. at any time other than the beginning of the academic year will be required to pursue a course of not less than two calendar years.

Thesis or dissertation

As soon as possible after registration, students should decide, with their supervisor(s), the subject of their research and report it to the Graduate School Office. Subsequent changes of the field of research should also be reported to the Graduate School Office since, if they are substantial or have been made long after registration, they may need the consent of the Graduate School Committee. The final thesis title must be approved by the Committee on the recommendation of the supervisor(s), and if approved will be notified to the University (see page 248).

The thesis or dissertation must be written in English and shall be either a record of original work or an ordered and critical exposition of existing knowledge.

The greater portion of the work submitted must have been done after the registration of the student as a candidate for the M.Phil. degree.

Conjoint work may be submitted as a thesis or dissertation for the M.Phil. degree provided that the student shall furnish a statement showing clearly the student's own share in the conjoint work and that such statement shall be countersigned by the student's coadjutor.

A candidate will not be permitted to submit a thesis or dissertation which has been submitted for a degree or comparable award in this or any other university or institution, but a candidate shall not be precluded from incorporating work already submitted for a degree or comparable award in this or any other university or institution in a thesis or dissertation covering a wider field, provided that the candidate shall indicate on the entry form and also on the thesis/dissertation any work which has been so incorporated.

In the following fields the thesis or dissertation shall not normally exceed the number of words indicated, but a candidate wishing to exceed the prescribed limit may apply for permission to the University through the supervisor, such application being made at least six months before the presentation of the thesis or dissertation:

Fields in the Faculty of Economics: 55,000.

Geography: 40,000.

History: 75,000 (inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography). This number of words does not apply to editors of a text or texts.

Philosophy: 30,000 (nor be less than 25,000).

Social Administration: 55,000 (inclusive of footnotes and appendices, but exclusive of bibliography).

Retrospective transfer to the Ph.D.

Should the supervisor(s) of a student registered for the M.Phil. consider that the student's work is of doctoral standard, the student may on their recommendation and with the permission of the School be transferred to registration for the Ph.D. degree provided that the student's entrance qualifications have been approved for registration for the Ph.D. degree. The University's permission for transfer may be sought on behalf of those students whose qualifications have not been approved for Ph.D. registration. Where this is permitted, the student may be allowed to count all or part of the period of registration for the M.Phil. degree, towards registration for the Ph.D. degree.

Where a candidate for the M.Phil. has been required to satisfy qualifying conditions during his course, Ph.D. registration cannot be backdated beyond the date on which these conditions were satisfied.

Leave of absence for research

Leave of absence, under proper conditions, may be permitted if the material for the work of a student registered for the M.Phil. exists elsewhere. A student granted leave of absence of two terms or more must in addition be in attendance during the period of registration for the degree for not less than four terms at the School; neither the first nor the last term of the minimum course can be counted as leave of absence. See also page 284.

M.Phil. in Sociology

Students registered for the M.Phil. in Sociology will normally be required by the Department of Sociology to attend the course in Methods of Sociological Study and to pass a departmental test in this subject at the end of their first year. (Students already qualified in this area—e.g. those holding an M.Sc. in Sociology or evidencing a similar level of attainment—will be exempted from this requirement.)

In addition, students will normally be expected to attend two further courses as agreed by their supervisors and the Department during their first year of registration. They may be required to attain a standard satisfactory to the Department in either or both of these courses.

M.Phil./Ph.D. in Economics

A more structured programme than in the past will normally be followed by students registering in and after October 1981 for a full-time M.Phil./Ph.D. in Economics. The goal of the programme is to facilitate the transition from M.Sc. work to active research by incorporating an element of directed full-time course work in the first year. In addition to course work, participation in research training will be required in the first year of work towards the M.Phil./Ph.D. The minimum period of registration by full-time students will remain two years; the degree remains a research degree with the same overall standard as before.

The traditional M.Phil./Ph.D. essentially by thesis only will be available at the discretion of the Graduate School Committee. Typically this discretion will be exercised for students who have gained professional experience and have a well-formulated research programme, and for students who wish to register for an M.Phil. or Ph.D. on a part-time basis.

The course work in the first year has four elements, two courses and two seminars. The courses will normally be Topics in Economic Analysis and one other course suited to the student's research interests to be agreed individually with the Department. The seminars are one in Research Strategy and one in which research material will be presented and discussed. In order to proceed to full-time research in the second year students must pass examinations in their two courses and show progress with their research.

The examination will consist of *two* papers as follows:

Lectures and Seminars

1. Topics in Economic Analysis Ec.500
2. Normally a paper from the M.Sc. in Economics to be approved by the Department
In addition, students will be required to participate in the following:
 3. Seminar in Research Strategy Ec.501
 4. A seminar for research students in Economics Ec.502

Examination arrangements

See pages 248–251.

The Degree of Ph.D.

The Ph.D. degree may be conferred (in the Faculties of Economics, Arts, Laws and Science, as appropriate) in every field for which the School offers teaching.

General regulations and qualifications for admission

A graduate who has not obtained at least a Second Class (Upper Division) in an honours degree of this university, or the approved equivalent in another university, will not **normally** be admitted to the School as a candidate for the Ph.D. degree; and a candidate who has not already obtained a Master's degree of this or another university (in a relevant subject) will usually be required to register first for a Master's degree.

A candidate who is required to satisfy any qualifying conditions *before* registration for the Ph.D. will not be permitted to count the time spent up to the time of obtaining these qualifications, towards the course of study for the Ph.D.

University Regulations also specify additional conditions of registration in certain subjects, as follows:

Geography

A candidate who intends to proceed to the Ph.D. degree is normally required to register in the first instance for the M.Phil. degree.

History

A candidate in History shall be required to have obtained a first or second class honours degree in History from a British University or another degree accepted as equivalent for this purpose. A candidate who does not fulfil this condition may be required to pass a qualifying examination before registration. Such candidates will be required to reach at least lower second class honours standard in each paper taken.

Philosophy

Candidates who do not possess the M.A. or M.Phil. in Philosophy must produce evidence of their competence to undertake research work of the standard required.

Psychology

A candidate must normally have obtained a B.A. or B.Sc. degree of the University of London with Psychology as a main field of study with First or Upper Second Class Honours or other degree accepted by the University as equivalent. Other candidates will normally be required to register for the M.Phil. in the first instance.

Statistics

A candidate who does not possess an M.Sc. or M.Phil. in Statistics of the University will normally be required to register in the first instance for the M.Phil.

The course of study

Every student is required to pursue a regular course of study at the School under the supervision of a Recognised Teacher or Teachers of the University.

The course of study for the Ph.D. degree will extend over not less than two academic years for a full-time student, and not less than three academic years for a part-time student.

Students registering for the Ph.D. at any time other than the beginning of the academic year will be required to pursue a course of not less than two or three calendar years for full- or part-time students respectively.

For details of the course of study for the Ph.D. in Economics see the paragraph "M.Phil./Ph.D. in Economics" on page 281.

Thesis

As soon as possible after registration, students should decide with their supervisor(s) the subject of their research and inform the Graduate School Office. Subsequent changes of the field of research should also be reported to the Graduate School Office since, if they are substantial or have been made long after registration, they may need the consent of the Graduate School Committee. The final thesis title must be approved by the committee, on the recommendation of the supervisor(s) and notified to the University (see page 248).

After completing the course every candidate must submit a thesis which must comply with the following conditions:

- (a) The greater portion of the work submitted therein must have been done after the registration of the student as a candidate for the Ph.D. degree.
- (b) It must form a distinct contribution to the knowledge of the subjects 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 the literary presentation must be satisfactory, and, if not already published in an approved form, it must be suitable for publication either as submitted or in an abridged or modified form.

The thesis must consist of the candidate's own account of his or her research. It may describe work done in conjunction with the teacher who has supervised the work, provided that the candidate clearly states his or her personal share in the investigation, and that this statement is certified by the teacher. Work done conjointly with persons other than the candidate's teacher will be accepted as a thesis in special cases only. In no case will a paper written or published in the joint names of two or more persons be accepted as a thesis.

The candidate must indicate how far the thesis embodies the result of his or her own research or observation, and in what respects his or her investigations appear to him or her to advance the study of his subject.

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

In the following fields the thesis shall not normally exceed the number of words indicated but a candidate wishing to exceed the prescribed limit may apply for permission to the University through the Graduate School Office, such application being made at least six months before the presentation of the thesis:

Anthropology: 100,000, excluding notes, bibliography and appendices.

Economics: 100,000, inclusive of footnotes and appendices, but exclusive of bibliography; this regulation does not apply to editions of a text or texts.

Geography and Philosophy: 75,000.

History: 100,000, inclusive of footnotes and appendices, other than documentary or statistical appendices, but exclusive of bibliography.

Social Administration: 100,000 words inclusive of footnotes and appendices, but exclusive of bibliography.

Leave of absence for research

Where a student wishes to take leave of absence from the School in order to carry out research for the thesis the same conditions regarding this leave apply for full-time Ph.D. students elsewhere as for the M.Phil. degree (see page 281). A part-time student granted leave of absence of two terms or more must in addition be in attendance at the School for not less than seven terms.

Transfer to or from the M.Phil.

Students registered for the Ph.D. who wish to proceed instead to the M.Phil. must apply for permission to do so. The length of further course, if any, which they will be required to pursue for the M.Phil. will be prescribed in each case. On registering for the M.Phil., Ph.D. registration will lapse.

Candidates may be transferred, with retrospective registration, from the M.Phil. to the Ph.D. degree (see under M.Phil. degree). If they have been required to satisfy qualifying conditions during the course of study for the M.Phil. and are permitted to transfer to the Ph.D., registration for the Ph.D. will not date from a time earlier than the date on which these qualifying conditions were satisfied.

Dates of Examinations

(INTERNAL STUDENTS)

1981-82

Entry forms for first-degree examinations should be obtained from the Examinations 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 Examinations Office, together with the relevant enclosures.

Students registered in the Graduate School should obtain their entry forms from the Graduate School Office at least one month before the closing date.

N.B. Although every endeavour is made to ensure accuracy in the following dates, students are advised in all cases to consult the University Regulations, which alone are authoritative.

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

| | |
|--------------------|-----------------|
| Entry closes | 15 January 1982 |
| Examination begins | To be announced |

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

| | |
|--------------------|-----------------|
| Entry closes | 15 January 1982 |
| Examination begins | To be announced |

B.Sc. Degree and B.A. Degree (by course units)

(all years)

Geography
Mathematics, Statistics and Computing
Mathematics and Philosophy
Management Sciences
Social Anthropology
Social Psychology
Sociology
French Studies

| | |
|--------------------|-----------------|
| Entry closes | 15 January 1982 |
| Examination begins | To be announced |

| | |
|--------------------|-----------------|
| B.A. Final | 15 January 1982 |
| Examination begins | 3 June 1982 |

LL.B.

| | |
|--------------------|-----------------|
| Entry closes | 1 February 1982 |
| Examination begins | To be announced |

B.Sc. Social Science and Administration (First year)

| | |
|--------------------|------------------|
| Entry closes | 15 December 1981 |
| Examination begins | To be announced |

First Stage (Second Year)

| | |
|--------------------|------------------|
| Entry closes | 15 December 1981 |
| Examination begins | 29 April 1982 |

Second Stage (Third Year)

| | |
|--------------------|------------------|
| Entry closes | 15 December 1981 |
| Examination begins | 3 June 1982 |

285 *Dates of Examinations*

| | |
|----------------------------|--|
| M.Sc. | |
| Entry closes | 1 February 1982 for June examination (including candidates for September branches who have chosen an optional paper which is examined in June) |
| | 1 May 1982 for September examination |
| Examination begins | Either June 1982 or 1 September 1982 according to subject |
| M.A. Area Studies, History | |
| Entry closes | 1 February 1982 |
| Examination begins | June 1982 |
| LL.M. | |
| Entry closes | 1 May 1982 |
| Examination begins | 25 August 1982 |

Course in Trade Union Studies

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

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

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

The syllabus of study consists of eight subjects for which lectures and special classes are provided. The subjects are:

- (i) Economics
- (ii) Contemporary Trade Unionism and Industrial Relations
- (iii) British Economic and Social History, with special reference to the Growth of Labour Movements
- (iv) Labour Law
- (v) Political Theory and Organisation
- (vi) Elementary Statistics
- (vii) Business Organisation and Finance
- (viii) Industrial Sociology

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. There is also a number of observation visits to firms and trade union offices.

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

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

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

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

Regulations as to Honorary Fellows

1. The Honorary Fellows Committee of the Court of Governors shall consist of the Chairman and Vice-Chairman of the Court of Governors, the Director, the Pro-Director, the Vice-Chairman of the Academic Board, and six members appointed by the Court, of whom four shall be appointed on the nomination of the Academic Board.
2. The Court of Governors may, on the recommendation of the Honorary Fellows Committee and with the concurrence of the Academic Board, elect as an Honorary Fellow of the London School of Economics and Political Science any 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. Elections may be made annually in the Michaelmas term. The number of persons elected shall not, save for special reasons considered adequate by the Court, exceed ten nor shall there be included amongst them, save for the like reasons, more than three persons who are not former students 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 Academic Secretary not later than 31 May. Unless successful or withdrawn, it shall be regarded as current for three successive years, including the year of nomination, after which it shall lapse; but a fresh suggestion of the same name can be made.
7. The file of names suggested, past and current, shall be open to inspection in confidence by those persons who are to be invited, in accordance with regulation 5, to make suggestions.
8. In each year the Honorary Fellows Committee shall, in the Michaelmas term prior to the first ordinary meeting of the Academic Board, consider the current list of names suggested, and such other names as may be proposed in the course of their deliberations; and the names of persons recommended for election shall be arranged in alphabetical order in the report of the Committee.
9. The report of the Honorary Fellows Committee shall be considered by the Academic Board at their first meeting in the Michaelmas term and shall be transmitted by the Board, with such observations as they may think fit, to the Court of Governors for consideration at their meeting held in the Michaelmas term.
10. After the report of the Honorary Fellows Committee has been considered by the Academic Board, but before its transmission to the Court, the Director shall ask those who are recommended for election to Honorary Fellowships whether they would be willing to accept election. No such enquiry shall be made by those who suggest their names.

The Library

The British Library of Political and Economic Science, which is the main library of the School, was founded by public subscription in 1896, a year later than the School. From the outset it was intended to serve not only as the working library of the School, but also as a national collection.

These interdependent functions have grown together: the School has given the Library wide contacts with the public and academic worlds and a standing which it could not so easily have gained as an independent institution, and the Library has in its turn assisted in attracting research workers to the School.

It is freely open to members of the School and is extensively used by other scholars and researchers. Application by non-members of the School for readers' permits must be made on a special form, which may be obtained from the Librarian.

The scope of the Library is the social sciences in the widest sense of that term. It is particularly rich in economics, in commerce and business administration, in transport, in statistics, in political science and public administration, in international law and in the economic, political, social and international aspects of history. As well as treatises and over 12,000 non-governmental periodicals (of which over 4,400 are received currently), it contains several hundred thousand controversial and other pamphlets and leaflets; rich collections of government publications from nearly all the important countries of the world, including over 13,000 serials (of which over 7,800 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 790,000 bound volumes; the whole collection is estimated to contain some 2¾ million separate items, and occupies about 39 kilometres of shelving. In some subjects within its field, the Library is surpassed only by smaller, highly specialised libraries, and in others it is unsurpassed; it is perhaps the largest library in the world devoted exclusively to the social sciences as a whole.

The Teaching Collection, situated off the entrance lobby of the Library, contains additional lending copies of the more important books used by undergraduates and graduates taking courses, and there is also a short-loan collection of periodicals and photocopies of articles, etc.: its stock is approaching 40,000 volumes, and there are seats for 103 readers.

Material acquired before the end of 1979 is recorded in a full author catalogue typed on cards. More recent acquisitions are recorded in a catalogue on microfiches, which may be consulted at a number of locations throughout the library: entries are arranged in three separate sequences, viz. by author and title, alphabetically by subject-heading, and in the order of the Library of Congress classification. The subject catalogue is also published, under the title *A London Bibliography of the Social Sciences*; this is widely used not only as a key to the contents of the Library, but also as a general bibliography of the social sciences. Further particulars of this work, of which 38 volumes have so far been published, may be obtained from the Librarian. A catalogue of a more specialised interest is the *Classified Catalogue of a Collection of Works on Publishing and Bookselling in the British Library of Political and Economic Science*, available at £2.50 a copy (plus postage).

The *Shaw Library* (established with the help of a gift from Mrs. George Bernard Shaw) is a lending collection of general literature; it is housed in the Founders' Room on the sixth floor of the Main Building.

A brochure *Guide to the Library* may be obtained free of charge on request from any member of the Library staff.

Rules of the British Library of Political and Economic Science

1. The Library is open for the purpose of study and research to:
 - (i) Members of the London School of Economics and Political Science, as follows:
 - (a) Governors
 - (b) Honorary Fellows
 - (c) Staff
 - (d) Regular students
 - (e) Students accepted by the School for intercollegiate study
 - (f) Occasional students
 - (ii) Persons to whom permits have been issued
 - (iii) Day visitors admitted at the discretion of the Librarian
2. Permits may be issued to:
 - (a) Persons engaged in research which cannot be pursued elsewhere
 - (b) Professors and lecturers of any recognised university
 - (c) Persons engaged in any branch of public administration
 - (d) Undergraduates of other universities and colleges (in vacation only)
 - (e) Such other persons as may from time to time be admitted by the Librarian

Applications for Library permits must be made on the prescribed form; 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 Fellowship of the Royal Economic Society or of the Royal Statistical Society, or of membership of the London School of Economics Society or of the British Institute of International and Comparative Law, 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.¹ All fees are non-returnable.

3. All readers are required to show their School registration cards or Library permits or visitors' tickets to Library officials upon request. Admission may be refused to anyone not in possession of such a registration card or permit.
4. The Library is normally open on all working days during hours prescribed from time to time. It is closed on Sundays and on certain other days as prescribed.²
5. Readers must not bring attaché cases, overcoats, hats, umbrellas or other impedimenta into the Library. All such articles can be deposited in the cloakrooms of the School.
6. Readers may take the books they require for purposes of study from any of the open shelves, and may take them to any of the reading areas in the main Library.
7. Readers who have finished with books taken from the open shelves should return them without delay to the returned-book stack in the area from which they have been taken.
8. Books not on the open shelves must be applied for on the prescribed vouchers. Readers must return such books to the book counter when done with and claim the corresponding vouchers; they will be held responsible for all books issued to them as long as the vouchers are in the possession of the Library uncancelled. Certain categories of books and papers may be read only in such rooms and during such hours as the Librarian may prescribe.

¹ The fees at present prescribed are, £100 for a permit valid for six months, £50 for three months, or £20 for one month or less.

² The hours of opening prescribed at present are from 10 a.m. to 5 p.m. on Saturdays, and from 10 a.m. to 9.20 p.m. on other days except in August, when the Library closes at 5 p.m. The days of closing prescribed at present are: six days at Christmas, six days at Easter, New Year's Day, May Day, the Spring and Late Summer Bank Holidays, and all Saturdays in July and August.

9. Readers allocated a study room or carrel may keep in it Library materials taken from the open shelves (with the exception of certain categories as listed in the 'Guide to the Library'), providing the issue is recorded at the Loans Counter. They will be responsible for material held by them, and the items must remain accessible to the Library staff.

10. Except as provided below, no book, manuscript, or other property of the Library may be taken out of the Library. All readers as they leave the Library are required to show to the Library janitor any books, papers, folders, newspapers etc., they may be carrying.

Members of the School staff may borrow books subject to the prescribed conditions.

Students of the School may borrow books over the weekend and at other times when the Library is closed subject to the prescribed conditions.

11. Graduate students of the School (including graduate students accepted by the School for intercollegiate study) who are registered for research degrees may borrow books for use outside the Library, subject to the following conditions:

- (i) During the months of June, July, August and September, graduate 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 the United Kingdom, without special permission of the Librarian.
- (iii) Graduate students may not have on loan more than six volumes at one time.
- (iv) Books in the reading rooms, unique and rare books, and other books in particular demand, will be lent only by special permission in each case.
- (v) The prescribed loan voucher must be completed and handed in before any book is removed.
- (vi) Books borrowed are due for return on or before the Friday of the first week of the following term, but are subject to recall at any time.

12. Where books are not returned in accordance with the prescribed conditions of loan, fines will be incurred. No person shall borrow any material from the Library if any fine or charge he has incurred has not been paid.

13. Readers handing in vouchers are required to supply all the necessary information in the appropriate spaces. The members of the Library staff are authorised to refuse vouchers giving insufficient detail.

14. A reader vacating his place will be deemed to have left the Library, and his books may be removed and the place occupied by another reader, unless he leaves on the table a note of the time of his return. In that case the place will be reserved for him from the time stated, but this reservation will lapse after fifteen minutes. The place will be available to other readers during the interim.

15. Ink-bottles or ink-wells cannot be taken into any of the Library rooms. Fountain pens are permitted. Readers using rare or valuable works, however, may be required to work with pencil.

16. Eating, drinking and smoking are forbidden within the Library.*

17. No reader may enter any part of the Library not open to general readers without special permission.

18. 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 damages the property of the Library in any way will be required to pay the cost of repairing or replacing the damaged property, and may be debarred from further use of the Library.

* Smoking is, however, permitted in certain specially designated areas.

19. The Library is intended solely for study and research, and may not be used for any other purpose whatsoever.

20. Silence should be preserved in the reading areas and on the staircases and landings.

21. Permission to use the Library may be withdrawn by the Director or the Librarian from any reader for breach of the rules in force at the time, or for any other cause that may appear to the Director or to the Librarian to be sufficient.

University Library

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

The University Library is a large general library of about one million volumes; many of the books are loanable. Some 600 reader places are provided, in general reading rooms where there are collections of reference works and bibliographies, and in a range of subject libraries for history, geography and geology, British Government publications, palaeography, philosophy, psychology, romance studies, United States and Latin American studies, and music. Some 5,300 periodicals are received currently; the Periodicals Room provides a wide selection on display. The Goldsmiths' Library houses the collection of early economic literature presented to the University Library by the Goldsmiths' Company in 1903. It has been added to throughout the years and now consists of about 60,000 volumes, mainly works published before 1850.

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

Hours of Opening

Monday to Friday during the session: 9.30 a.m. to 9 p.m.

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

Saturday and during the Summer vacation: 9.30 a.m. to 5.30 p.m.

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

The Economists' Bookshop

The Economists' Bookshop, owned jointly by the School and The Economist Newspaper, was established in 1947 to provide a service to the staff, students and Library of the School and, through its mail order trade, to universities and institutions worldwide. The Bookshop's Board of Directors is composed equally of representatives of the School and of The Economist Newspaper. From small beginnings it has grown into a considerable bookselling enterprise, which numbers among its customers nearly all the universities in Great Britain as well as many universities and institutional bodies overseas. In addition to the main premises in Clare Market, with over 10,000 titles held regularly in stock including many pamphlets and a wide range of paperbacks, the Bookshop operates a secondhand shop in Portugal Street, and also has a bookshop at the Enfield Precinct of Middlesex Polytechnic. A mail order centre operates from premises in Camden Town, supplying universities and institutional customers in the U.K. and in about 80 countries overseas.

Publications of the School

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

Journals

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

Books, Pamphlets and Occasional Papers

Most of the learned publications issued from the School are handled by the Publications Committee. Certain series originate from departments or research groups. Until 1972 the majority of the publications sponsored by the Publications Committee were channelled through one selected publisher. However experience showed that no one publisher can handle the whole output, which has been increasing both in quantity and in the range of subjects covered. Thus the Committee's policy now is to maintain connections with several academic publishers on a non-exclusive basis.

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

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

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

Monographs on Social Anthropology (Athlone Press. Editor, Dr. A. A. F. Gell)

Reprints of Scarce Works on Political Economy (*Economica* Office, L.S.E.)

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

Occasional Papers on Social Administration (Bedford Square Press, Editor. Mr. M. J. Reddin)

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

L.S.E. Handbook in Economic Analysis (Weidenfeld and Nicolson)

Inaugural Lectures (L.S.E.)

A London Bibliography of the Social Sciences (British Library of Political and Economic Science, L.S.E.)

Monthly List of Additions to the Library

History of the Foundation of the School

Remaining stocks of Sir Sydney Caine's book *The History of the Foundation of the London School of Economics and Political Science* (Bell, 1963) are now held by the School. Copies are available from the Information Officer and Publications Officer at a reduced price of 50p each.

The Library

The following pamphlet will be of interest and is available free of charge from the Publications Officer or the Information Officer: *The British Library of Political and Economic Science, a brief history*, by Professor A. H. John, 1971.

Student Health Service

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

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

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

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

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

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

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

STAFF

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

T. J. Harris, M.A. (CANTAB.), M.A. (OXON.), B.M., B.CH. (OXON.), DR. COG.: *Health Service Officer (Physician)*

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

Janet Graham, B.A., D.C.P. (TAVISTOCK): *Senior Clinical Psychologist (Part-time)*

Valerie Little, B.SC.PHYSIOL. (LONDON), M.B., B.S. (LONDON), M.R.C.S. (ENG.), L.R.C.P. (LONDON): *Special Adviser to Women Students (Part-time)*

J. H. Ramsay, F.R.C.S.: *Ophthalmic Surgeon (Part-time)*

A. C. W. Marengo-Rowe, B.D.S. (U. LONDON): *Dental Surgeon*

E. Rosemary Malbon, S.R.N., S.C.M., R.S.C.N.: *Sister-in-Charge*

Lesley M. Reid, N.N.E.B.: *Nursery Matron*

Catherine M. Rossiter, N.N.E.B.: *Nursery Officer*

Careers Advisory Service

The Careers Service at L.S.E. provides vocational guidance and assistance to students seeking information on all areas of graduate employment in the U.K. The Service is part of the University of London Careers Advisory Service and maintains a Careers Information Room with staff to help students in their job search. Those who want to discuss their approach to the future, or those who are uncertain about what they could do, can talk to one of the Careers Advisers who are available for appointments throughout the year.

The Service arranges careers seminars and talks covering a wide range of topics and organises a Graduate Recruitment Programme in the Lent Term each year when many of the larger employers visit the University to conduct preliminary interviews with student applicants.

Graduates of L.S.E. gain employment across a wide range of occupations requiring people who are well educated, broadly informed and mature in outlook. Employers recruit graduates who are well qualified academically and have an understanding of the contemporary world. They also look for people with the ability to adapt to new environments, who can communicate, exercise judgement, remain flexible in outlook and make decisions. These qualities cannot all be assessed merely from the type or class of degree obtained. The possession of a degree, irrespective of subject, is only the first criterion that interests the majority of employers, though expert or specialist posts clearly demand an appropriate training. Even then, specialist graduates may find that they have to compete eventually with non-graduates who have moved into specialist jobs by chance, because of natural aptitude for a particular type of work or by acquiring specialist training outside university.

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

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

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

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

Students' Union and Athletic Union

Students' Union

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

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

The Union employs a number of permanent staff. There is a Welfare Officer, who deals with general student welfare, i.e. accommodation, overseas students' affairs, vacation work and personal problems. The Union General Meeting, held every Thursday lunch time in the Old Theatre, is the central decision-making organ of the Union. There are two student sabbatical officers (General Secretary and Senior Treasurer) who, via the Executive Committee, are responsible to the Union General Meeting. The Executive Committee of the Students' Union (10 members) is charged with carrying out decisions made by the Union General Meeting and each member has responsibility for a different aspect of Union affairs, for example, the Bar, Shop and Coffee Bar, Academic affairs, External affairs, entertainments, and so on. There are also more than fifty societies which cover a wide range of interests. Full details of Union meetings and elections and of the Committees and Societies are obtainable from the Students' Union Reception Office and are also widely advertised in the School.

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

There is a nursery at the School with places for children between the ages of two and five. Information on nursery places can be obtained from the Welfare Officer, Room E.295.

Since a large number of students at the L.S.E. come from overseas, the Union has a special sub-committee relating to the general welfare of overseas students. The Union administers a hardship fund to help British and overseas self-financing students. Applications for assistance are treated in strictest confidence and should be made to the Welfare Officer of the Union. In addition the Welfare Officer will advise students of funds available within the L.S.E. or outside.

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

Through its Publications Committee the Union publishes a *Handbook for Students*, given free to all students and also a newspaper *Beaver* which is published fortnightly during term time. The editorial boards of these publications, are open to all students, whilst the editorial candidates are recommended by the Executive Committee of the Union to a Union Meeting, which appoints the various editors.

Athletic Union

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

The following clubs are affiliated to the Athletic Union:

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

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

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

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

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

Staff and Officers of the Students' Union and Athletic Union

STUDENT OFFICERS

General Secretary of Students' Union—John Munford
Senior Treasurer of Students' Union—Keir Hopley
Social Secretary of Students' Union—Nick Newman
President of Athletic Union—Mike Quinn
Internal Vice-President of Athletic Union—Charlotte Pennington
External Vice-President of Athletic Union—Mark Roberts
Treasurer—John Pittalis
General Secretary of Athletic Union—Rick Creswell
Assistant General Secretary of Athletic Union—Dave Rowe

OFFICE STAFF

Admin. Officer—Martine Mann
Welfare Officer—Elana Ehrlich
Welfare Assistant—Pauline Newmark
Accounts Officer—Sam Kung
Clerical Assistants—Doreen Angus, Ann Morse
Accounts Assistant—Bob Page

TRADING STAFF

Coffee Bar Supervisor—Roy Wells
Bar Manager—Chas Holmes
Shop and Catering Manageress—Kate Slay
Shop Assistant—Karen Kelly
Coffee Bar Assistant—Miguel Santoro
Catering Assistant—Lesley Jarvis

Residential Accommodation

Approximately one fifth of the student body is accommodated in the School's own Halls of Residence and Flats. In addition there is a number of University of London Halls of Residence open to students from all its Schools and Colleges, including the L.S.E., while the Accommodation Office of the University of London helps students to find lodgings and flats in the private sector. The School places as many first year undergraduates as possible in its own accommodation, but a good proportion of students from all years are offered places.

Private Lodgings and Flats

Students who wish to find lodgings and flats in the private sector can get help from the Accommodation Office of the University of London, University of London Union, Malet Street, WC1 7HY, which maintains a register of addresses of various types in most districts of London; each student's requirements are carefully considered. New students should make application to the Accommodation Office by June of the year in which they expect to begin their course. In choosing lodgings students should bear in mind that it is possible to take lodgings which provide either bed and breakfast, or bed and breakfast with a regular evening meal in addition. Students whose tastes are likely to lead to their entering very fully into the life of the Union and its societies, or to spending evenings in the Library, will be well advised to seek lodgings of the former type; those who prefer to study in their own rooms may be better suited to the latter type.

School Halls of Residence and Flats

Application for places in School Halls of Residence and Flats should be made to the Assistant Registrar (Admissions) at the School. Applications should be made, if possible, by 30th April for the following October.

Fees in the Halls of Residence and Flats vary according to the facilities provided. Current rates are available on request from the Assistant Registrar (Admissions). All School Halls provide breakfast and dinner every day and lunch as well at weekends. The flats however are self-catering and the fees charged are exclusive of gas and electricity. All flats and study bedrooms in Halls have wash hand basins.

Carr-Saunders Hall and Fitzroy and Maple Street Flats

Fitzroy Street, W1P 5AE

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

(Academic Residents (Flats): S. R. Alpern, A.B., Ph.D. and A. Shaked, B.Sc., M.Sc., Ph.D.)

Carr-Saunders Hall accommodates 157 **men** and **women** students in 132 single and 13 double study bedrooms. Two blocks of flats have been built since the Hall was opened in 1967. One block adjoins the Hall and the other is across the road. They provide accommodation for 209 **men** and **women** students in double to quintuple furnished flats. The whole complex is situated in Fitzroy Street at the corner of Maple Street. It is very close to the Post Office tower and approximately 25 minutes walk from the School. The nearest Underground stations are Goodge Street on the Northern line and Warren Street on the Northern and Victoria lines.

Socially and administratively, the Hall and the Flats are one unit. They have a single common room society and the restaurant, bar, common room and launderette facilities of the Hall are available for the use of flat occupants. Meals in the restaurant are included in the fees paid by the hall occupants, but those residents in the flats may buy tickets for individual meals. There are garage and uncovered parking facilities for which an additional rent is charged.

Passfield Hall

Endsleigh Place, WC1H 0PW

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

Passfield Hall accommodates 205 **men** and **women** students in single, double and triple rooms. It is situated in Bloomsbury with several bus routes and Underground stations close by. The Hall is approximately 20 minutes walk from the School. The Hall is in three blocks around its own garden and has all the usual facilities including, bar, games room, common room, launderette, quiet room and limited cooking facilities. All rooms are centrally heated. Parking spaces are also available. Meals are included in the fees.

Rosebery Avenue Hall

Rosebery Avenue, London EC1R 4TY

(Warden: W. T. Murphy, B.A.)

This hall opened in October 1974 and accommodates 193 **men** and **women** students in 161 single and 16 double study bedrooms. The hall is situated very close to the Sadler's Wells Theatre, is 7 minutes walk from the Angel, Islington and approximately 25 minutes walk from the School. The nearest underground stations are the Angel (Northern line) and Farringdon (District, Circle and Metropolitan lines). The hall is also on two bus routes which also pass the School. The hall has all the usual facilities including: bar, common room, launderette and amenity rooms where limited cooking facilities are provided. A catering service is provided but tickets are purchased for individual meals.

Anson Road and Carleton Road

(Academic Resident: Diana F. Sanders, M.A., Ph.D.)

The School has 18 flatlets at the junction of Anson and Carleton Roads (N.7) which are available for letting to married full-time students of graduate status. The nearest Underground stations are Tufnell Park (Northern line) and Caledonian Road (Piccadilly line). The flats are self-contained and consist of either one room or two rooms, kitchen and a bathroom. The rental includes a hire charge for furniture.

University Halls of Residence

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

Canterbury Hall

Cartwright Gardens, WC1H 9EE

Opened in November 1946 for 222 **women** students; accommodation is in 214 single and four double study-bedrooms, all with central heating; there are common rooms, a library, concert hall, games room and squash court. Some of the single rooms have private bathrooms for which an extra charge is made. Fees cover breakfast and dinner, Mondays to Fridays, and full board at weekends.

College Hall

Malet Street, WC1E 7HZ

Opened in 1882 and transferred in 1932 to a new building in the University precinct. 220 **women** residents are accommodated in 108 single and 56 double study-bedrooms, all with central heating and hand-basins; there are common rooms, libraries, bar, studio and laundries. Fees cover full board (except lunch from Monday to Friday).

Nutford House

Brown Street, off George Street, W1H 6AH

Near Marble Arch and on direct bus routes to the Strand and Aldwych. Accommodation for women graduates and undergraduates in 148 single and 23 double rooms; full central heating; there are common rooms, a small bar, laundries and study-room. Fees cover breakfast and dinner, Monday to Friday, and full board at weekends.

William Goodenough House

(London House for Overseas Graduates)

Mecklenburgh Square, WC1N 2AN

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

All meals are available on a cafeteria system but are not included in the fees. The rooms are single study-bedrooms with central heating and with electric fires on a meter system. There are ample common rooms. In addition there are over 100 self-contained flats for married students.

Applications, addressed to the Warden, should be made well in advance.

Commonwealth Hall

Cartwright Gardens, WC1H 9EB

An intercollegiate hall of residence for 406 **men** from the United Kingdom and overseas. Accommodation almost entirely in single study-bedrooms. Squash courts, table-tennis room, billiards room, library, common rooms, television rooms, coin-op laundry room. Central heating. Selection is made after consideration of the individual student's needs and his ability to benefit from and contribute to life in a residential community.

Fees include breakfast and dinner during the week, and full board at weekends.

Application forms may be obtained from the Secretary and must be returned by 31 May.

Connaught Hall of Residence

36-45 Tavistock Square, WC1H 9EX

An intercollegiate hall of residence for **men**; 195 places, mainly in single rooms. The fees for the study-bedrooms include breakfast and dinner, and also lunch at weekends.

Application forms may be obtained from the Warden, Professor D. M. Lang, and should be returned to him before 31 May.

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International Hall

Brunswick Square, WC1N 1AS

International Hall accommodates 438 **men** students. Half the rooms are reserved for students from overseas. There are 10 double rooms and 418 single rooms. Fees include breakfast and dinner from Mondays to Fridays inclusive, and breakfast, lunch and supper on Saturdays and Sundays.

Application forms may be obtained from the Hall Secretary and should be returned by 31 May.

London House

Mecklenburgh Square, WC1N 2AB

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

Meals are available in the dining hall (cafeteria system) but are not included in the fees.

The House is close to three London Transport stations: King's Cross (Metropolitan, Northern, Victoria and District Lines), Russell Square (Piccadilly Line), Chancery Lane (Central Line). It is within easy walking distance of the School.

Application should be made direct to the Warden, London House, giving as much notice as possible.

Hughes Parry Hall

Cartwright Gardens, WC1H 9EF

Hughes Parry Hall, opened in 1969, provides accommodation for 158 **men** and 120 **women** students. There are 246 single rooms and 16 double rooms, together with common rooms, library, games room, two squash courts, laundry and computer terminal.

Fees cover breakfast and dinner, Mondays to Fridays, and full board at weekends.

Application forms may be obtained from the Hall and should be returned by 30 April. (Please state whether man or woman when requesting application forms.)

International Students House

1-6 Park Crescent, W1N 3HE (immediately opposite Gt. Portland St. Tube Station)

International Students House, on the edge of Regent's Park, offers study-bedroom accommodation and Club facilities to **men** and **women** students from the United Kingdom and overseas. There are flats for married students and a very limited number for married students with children. A very full programme is organised; there is an information officer, who will give advice on careers, courses, travel, living in London etc., and a student adviser, who will help with problems on welfare, accommodation and personal matters. Visitors are most welcome.

Fees include bed and breakfast.

Early application is advised. Forms may be obtained from the Warden.

303 Residential Accommodation

Afsil House

Afsil Limited, a Housing Association formed by a number of London colleges including the School, provides a number of furnished flats for married graduate students. A number of these are reserved for students of the School. In allocating the flats preference is given to students from the British Commonwealth. Most of the flats are suitable for childless married couples only, but there are a few which could accommodate a couple with a small child. Most of the flats, which are self-contained, consist of a living room, bedroom, kitchen and bathroom. Rents include central heating and the hire of furniture but do not include rates. Application forms for the flats are available from the Assistant Registrar (Admissions).

Lillian Penson Hall

Talbot Square, W2 1TT
(Warden: K. G. T. McDonnell, B.Sc. (Econ.), Ph.D.)
Telephone: 01-262 2081

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

Each room is centrally heated and has its own bathroom, telephone extension for incoming calls and maid service. Meals can be purchased in the dining room at reasonable prices. Fees cover accommodation only.

Application forms are obtainable from the Warden.

The London School of Economics Society

HONORARY OFFICERS AND COMMITTEE, 1981

President: Mrs. K. F. Russell

Deputy President: Dr. Anne Bohm

Life Vice-President: The Right Hon. Lord Robbins

Joint Secretaries: Mrs. E. Morris and Mrs. M. Najjar

Treasurer: Mr. J. B. Selier

Assistant Treasurer: Mr. C. Coulson-Thomas

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

Committee Members: Mr. B. Adams, Dr. R. Chapman, Mr. P. Deitch, Mr. P. Kapadia, Mrs. M. Murdoch, Mrs. B. R. Scharf

Ex officio: Alumnus Officer, L.S.E., Miss A. B. Hurt

The Editors, L.S.E. Magazine: Mr. P. D. C. Davis and Lady McGregor of Durris

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

Representatives of the L.S.E. Society on the Court of Governors: Mrs. B. Asherson, Mr. T. Dale and Mrs. K. F. Russell

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

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

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

Friends of the London School of Economics

Trustees:

Chairman: Dr. L. Farrer-Brown

Vice-Chairman: Sir Sydney Caine

Professor W. T. Baxter, Sir Paul Chambers, Mr. W. S. Collings, the Director, the Chairman of the Senior Common Room

Treasurer: William Harrison

Secretary: Jennifer Pinney

An Association of Friends of the London School of Economics was formed in July 1957. The principal object of the Association is to raise funds to provide for the School amenities which are important to its daily life, but which it cannot afford, either because of shortage of money or because it would not be appropriate to expend public funds on their acquisition. Since its foundation the Association has made many gifts to the School, some valuable in themselves, such as the three Persian carpets provided for the Founders' Room and others whose usefulness is far in excess of their cost, such as the furniture for the roof gardens. Recent gifts include the small organ in the Founders' Room; furniture for the Common Rooms in Halls of Residence; new curtains and furniture for the platform in the Old Theatre; furniture for the Alumnus Room in the Library in the Lionel Robbins Building and seats for the courtyard, and a contribution to the refurbishing of the Vera Anstey Room. Donations and gifts in kind of such items as pictures, plate, glass and silver are welcomed. The Association is one channel which people wishing to make bequests for the general benefit of the School may care to use.

The Council of the Friends is now actively seeking to increase membership and hence the benefits the Association can bring to the School. 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 Secretary will gladly send particulars of the Association on application to her at the School. There is no minimum subscription rate but the Council of the Friends have laid down guidelines of £3.50 per annum under Deed of Covenant for recent graduates and £5.00 per annum under Deed of Covenant for other members. It is hoped that members making annual donations other than under Deeds of Covenant will make rather higher contributions.

Part III: Lecture Courses, Classes and Seminars

Part III of the Calendar groups courses according to subject in the order shown below. Regular students are at liberty to attend any course of lectures except those which are restricted to certain students.

The rubrics for courses in this list show the degrees and years for which each course is intended and thus give a general indication of its level.

Students following degree or diploma courses of the University of London or the School are referred to the degree and diploma regulations set out on pages 160-284 where the course numbers of the relevant lectures, classes and seminars are shown against each subject.

Most abbreviations used will be familiar, but please note:

c.u. course unit
B.Sc. S.S. and A. B.Sc. in Social Science and Administration

Prefixes precede course numbers and indicate the departments responsible for the courses, as follows:

| | | |
|----|---------------------------------------|-----|
| Ac | Accounting | 309 |
| An | Anthropology (Social) | 313 |
| BS | Business Studies | 319 |
| Ec | Economics | 320 |
| EH | Economic History | 343 |
| Gy | Geography | 350 |
| Gv | Government | 367 |
| Id | Industrial Relations | 384 |
| Hy | International History | 392 |
| IR | International Relations | 403 |
| Ln | Languages | 418 |
| LL | Law | 424 |
| Ph | Philosophy | 462 |
| Pn | Population Studies | 468 |
| Ps | Psychology (Social) | 472 |
| SA | Social Administration | 477 |
| So | Sociology | 503 |
| SM | Statistical and Mathematical Sciences | 518 |

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

General Courses

The Social Sciences: an Historical Introduction

Professor MacRae. Twenty lectures, Michaelmas and Lent Terms.

Recommended for all first-year students.

Accounting and Finance

Ac100 Introduction to Accounting

Mr Paterson. Nine lectures, Michaelmas Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.

Syllabus The balance sheet, income statement, flow of funds statement and cash flow forecasts. Business organisations and finance. Interpretation. Problems of inflation.

Recommended reading H. C. Edey, *Introduction to Accounting*; R. Lewis and I. Gillespie, *Foundation in Accounting 1*; relevant chapters of R. Lewis and M. Firth, *Foundation in Accounting 2*.

Ac100(a) Classes

Michaelmas and Lent Terms.

Ac101 Company Accounting

Mr Napier. Ten lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.

Syllabus The nature and significance of limited liability companies; the financing of a limited company; the preparation and audit of company accounts; the legal requirements relating to company accounting information; accounting standards; recent developments in disclosure; company taxation; capital maintenance and dividend policy; accounting for liquidations, acquisitions and mergers; group structures and group accounts.

Recommended reading Relevant chapters of R. Lewis and M. Firth, *Foundation in Accounting 2*; G. A. Lee, *Modern Financial Accounting*; L. C. B. Gower, *Modern Company Law*; F. W. Paish and R. J. Briston, *Business Finance*. The latest editions should be used. Further reading will be recommended during the course.

Ac101(a) Classes

Lent and Summer Terms.

Ac102 Accounting Systems

Mrs Day. Five meetings.

For B.Sc. (Econ.) Part II (Michaelmas Term); Dip. Acct. (Lent Term).

Syllabus Basic features of the accounting information system. Internal control. Analysis and description of accounting systems.

Recommended reading H. C. Edey, *Introduction to Accounting*.

Ac103 Introduction to Investment

Ms Rutterford. Five lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.

Syllabus The nature and risks of finance and investment. Types of investment. The capital markets and the Stock Exchange. Investment principles according to different types of investor.

Recommended reading G. Cummings, *Investors' Guide to the Stock Market*.

Further reading will be recommended during the course.

Ac103(a) Classes

Five classes, Lent and Summer Terms.

For B.Sc. c.u. main field Act. Sci.

Ac104 Elements of Financial Decision Theory

Mr Lumby. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. Man. Sci.; Dip. Acct.; M.Sc.

Syllabus The theory of long-run decision-making in the firm. Investment, financing and dividend decisions and their inter-relationships. The valuation of the firm. Problems caused by capital market imperfections. The handling of risk and uncertainty and, especially, the contribution

of modern portfolio theory and the capital asset pricing model.

Recommended reading M. Bromwich, *The Economics of Capital Budgeting*; J. R. Franks and J. E. Broyles, *Modern Managerial Finance*; S. P. Lumby, *Investment Appraisal and Related Decisions*; J. C. Van Horne, *Financial Management and Policy*.

Further reading will be recommended during the course.

Ac104(a) Classes

Lent and Summer Terms.

Ac105 Budgetary Planning and Control

Professor Dev. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. Man. Sci.; Dip. Acct.; M.Sc.

Syllabus Corporate planning. Short-run planning and control in the firm. Budgetary control. Analysis of cost and revenue for pricing, output and other decisions. Presentation of information for management. Organisational and behavioural aspects of planning and control systems.

Recommended reading H. C. Edey, *Business Budgets and Accounts*; J. Arnold, B. Carsberg and R. Scapens (Eds.), *Topics in Management Accounting*; and relevant chapters of C. T. Horngren, *Introduction to Management Accounting* and of B. Carsberg, *Economics of Business Decisions*.

Further reading will be recommended during the course.

Ac105(a) Classes

Michaelmas Term.

Ac106 Financial Accounting

Professor Carsberg, Mr Napier and Mr Noke. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus Financial accounting with particular reference to company accounts. Standardisation of practice and inflation accounting. The measurement of income, costs and depreciation. The valuation of assets and firms, with particular reference to

reconstructions and takeovers. Empirical research in financial accounting.

Recommended reading W. T. Baxter, *Accounting Values and Inflation*; W. T. Baxter and S. Davidson (Eds.), *Studies in Accounting*; P. Bird, *Accountability: Standards in Financial Reporting*; R. H. Parker and G. C. Harcourt (Eds.), *Readings in the Concept and Measurement of Income*. Reference should be made to standard texts such as R. Lewis and M. Firth, *Foundation in Accounting 2* or Spicer and Pegler, *Bookkeeping and Accounts*.

Further reading will be recommended during the course.

Ac106(a) Classes

Sessional.

Ac107 Management Accounting for Divisionalised Firms

Mr Choudhury. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Syllabus Accounting problems of divisionalised firms. Costs and benefits of decentralisation. Evaluation of managerial and divisional performance. Pricing of internal transfers. Allocation of scarce resources to divisions. Multinational decentralisation. Decentralisation of capital investment decisions.

Recommended reading D. Solomons, *Divisional Performance: Measurement and Control*; C. Tomkins, *Financial Planning in Divisionalised Companies*.

Further reading will be recommended during the course.

Ac107(a) Classes

Michaelmas Term.

Ac108 Introduction to the History of Accounting

Professor Yamey, Mr Napier and Mr Noke. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus A general survey of the historical development of accounting to 1900. Topics covered will include: accounting in classical and medieval times; the early development of double-entry bookkeeping; accounting

literature and practice in the 17th and 18th centuries; the influence of accounting on economic growth; formalisation of the historic cost convention; the development of corporate financial reporting. Emphasis will be placed on factors influencing present accounting practices in the U.K.

Recommended reading A. C. Littleton and B. S. Yamey (Eds.), *Studies in the History of Accounting*; T. A. Lee and R. H. Parker (Eds.), *The Evolution of Corporate Financial Reporting*.

Further reading will be recommended during the course.

Ac108(a) Classes

Lent Term.

Ac109 Introduction to Auditing

Professor Hinton. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Syllabus Nature and objectives of auditing. Evolution of auditing philosophy and the auditor's role. Concepts of audit evidence and verifiability. Independence and accountability of the auditor. The evaluation of internal control. The audit report. Reference will be made to recent reports of company inspectors into corporate financial affairs.

Recommended reading References will be given during the course.

Ac109(a) Classes

Michaelmas Term.

Ac110 Accounting and the Law

Mr Noke. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus The influence of the law on accounting thought and practice, with particular reference to the development of the law relating to financial reporting and capital maintenance since 1844. The costs and benefits of legally required disclosure. Additional topics will be selected from the law of trusts and tax law.

Recommended reading G. J. Benston, *Corporate Financial Disclosure in the U.K. and the U.S.A.*; J. Flower, 'A Note on Capital and Income in the Law of Trust' in H. C. Edey and B. S. Yamey (Eds.), *Debits, Credits, Finance and Profits*; H. C. Edey and

P. Panitpakdi, 'British Company Accounting and the Law, 1844-1900' in A. C. Littleton and B. S. Yamey (Eds.), *Studies in the History of Accounting*; T. A. Lee and R. H. Parker, *The Evolution of Corporate Financial Reporting*.

Further reading will be recommended during the course.

Ac110(a) Classes

Lent Term.

Ac111 Stock Exchange Investment

Ms Rutterford. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

Syllabus Valuation of fixed interest securities and equities. Application of portfolio theory and the capital asset pricing model. Financial statement analysis. Investment strategy and type of investor. International aspects of investment. Students will have the opportunity of making real investment decisions using techniques acquired during the course.

Recommended reading W. Sharpe, *Investments* (2nd edn.).

Further reading will be recommended during the course.

Ac111(a) Classes

Michaelmas and Lent Terms.

Ac112 Computers and Accountants

Mr Paterson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus Computer systems as they affect accountants. Accounting in the total systems concept. Systems analysis and design. Systems development controls. Integrated accounting and forecasting systems. Application and integrity controls. Computer fraud and the role of the auditor. The course assumes a level of knowledge equivalent to Elements of Computer Science.

Recommended reading I. Forkner and R. McLeod, *Computerized Business Systems*; B. G. Jenkins and A. Pinkney, *An Audit Approach to Computers*.

Ac112(a) Classes

Lent Term.

Ac120 Business Finance for Trade Union Studies Course

Mr. J. W. Smith. Lent Term.

ADVANCED COURSES

Ac150 Business Finance for Diploma in Personnel Management
Mr. J. W. Smith. Summer Term.

Ac153 Corporate Finance
Ms Rutterford. Fifteen meetings, Sessional.
For M.Sc.

Ac154 Topics in Management Accounting
Professor Dev and Mr Choudhury. Eighteen meetings, Michaelmas and Lent Terms.
For M.Sc.

Ac155 Public Corporations: Decision-making, Accountability and Control
Mr Lumby. Ten meetings, Sessional.
For M.Sc.

Ac156 Selected Topics in Accounting and Finance
Members of the Department. Sessional.
For M.Sc.

Ac157 Topics in Company Accounting
Mrs Loh. Ten lectures, Michaelmas Term.
For M.Sc.

Ac158 Research Topics in Accounting and Finance
Professor Carsberg. Ten meetings, Sessional.
For M.Sc. and research students.

Ac159 Accounting Theory and Practice
Professor Baxter, Professor Carsberg and Professor Edey. Twenty meetings, Michaelmas and Lent Terms.
For M.Sc.

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Anthropology

An100 Introduction to Social Anthropology

Professor La Fontaine.
Twenty-four lectures, Sessional.
For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc., Soc. Psych.; B.Sc. (Econ.) Parts I and II; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus The origins and scope of social anthropology and its relation to other subjects; its key concepts and problems. The organisation of society: environment, resources and their distribution; marriage, kinship and descent. Power and social order; custom and law; conflict and change; religious belief; magic, witchcraft and ritual; mystical beliefs and office.

Recommended reading B. Malinowski, *Argonauts of the Western Pacific*; E. E. Evans-Pritchard, *The Nuer*; *Witchcraft, Oracles and Magic among the Azande*; L. Mair, *Primitive Government*; J. Campbell, *Honour, Family and Patronage*; P. Cohen, *Modern Social Theory*; A. R. Radcliffe-Brown, *Structure and Function in Primitive Society*; J. Goody, *Kinship* (readings); I. M. Lewis, *Social Anthropology in Perspective*. American Museum source books in Anthropology should also be consulted on specific topics.

An100(a) Classes

In connection with course An100.
For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc., Soc. Psych.; B.Sc. (Econ.) Parts I and II; B.A. Soc. Anth. and Med. Hist.

An101 Race and Culture

Dr Gell, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.; Soc. Psych.

Syllabus Human origins and the evolution of man as a species. Adaptation and racial diversity. Toolmaking and language. Biological and evolutionary perspectives on human social behaviour. Ethology and the relation between learned and innate behaviour. Social communication in animals and man. Early experience, attachment and the development of social relations.

Essential reading R. Hinde, *Biological Basis of Human Social Behaviour*; *Non-Verbal Communication*; J. Eibl-Eibesfeldt,

Ethology; V. Reynolds, *The Biology of Social Action*; B. Campbell, *Human Evolution*; S. H. Katz (Ed.), *Biological Anthropology*; J. Bowlby, *Attachment*, Vol. I; J. Aitchison, *The Articulate Mammal*; M. Sahlins, *The Use and Abuse of Biology*; R. Dawkins, *The Selfish Gene*.

An101(a) Classes

In connection with Course An101.
For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog.; Soc. Psych.

An102 Elementary Ethnography

Dr Woodburn and Dr Fuller.
Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych.; B.A. Soc. Anth. and Med. Hist.

Syllabus Part I of the course will look at some problems in (1) Stratification; (2) Kinship, marriage and the family; (3) Witchcraft.

Recommended reading M. Marriott (Ed.), *Village India*; A. Beteille (Ed.), *Social Inequality*; D. M. Schneider and K. Gough (Eds.), *Matrilineal Kinship*; M. Marwick (Ed.), *Witchcraft and Sorcery*.

Syllabus Part II Five societies, all of them 'exotic', will be examined in some detail in order to show the variety of ways in which anthropologists seek to make sense of unfamiliar custom. This part of the course will be closely linked with our ethnographic film series.

Recommended reading N. Chagnon, *Yanomamo: The Fierce People*; E. E. Evans-Pritchard, *Kinship and Marriage among the Nuer*; K. Heider, *Grand Valley Dani: Peaceful Warriors*; R. Lee, *The !kung San: Men, Women and Work in a Foraging Society*; B. Malinowski, *Coral Gardens and their Magic*.

Additional reading will be specified during the course.

An102(a) Classes

In connection with Course An102.
For B.Sc. c.u. main fields Soc. Anth. 1st yr., Geog., Soc. Psych.; B.A. Soc. Anth. and Med. Hist.

An200 Studies of Kinship

Dr McKnight and Dr Kaplan.

313 *Anthropology*

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus The analysis of institutions of kinship, marriage and the family.

Recommended reading M. Fortes, *Kinship and the Social Order*; L. Dumont, *Hierarchy and Marriage Alliance in South Indian Kinship*; E. Leach, *Pul Eliya*; G. Witherspoon, *Navaho Kinship and Marriage*; J. Kaplan, *The Piaroa*; J. Goody, *The Character of Kinship*; E. R. Leach, *Rethinking Anthropology*; C. Lévi-Strauss, *The Elementary Structures of Kinship*; R. Needham (Ed.), *Rethinking Kinship and Marriage*.

Further reading will be given during the course.

An200(a) Classes

In connection with Course An200.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.

An201(i) Economic Institutions

Dr Parry. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus The cultural framework of different economic systems and their working; the economic organization of peasant and primitive production units; economic structure and kinship structure; property; trade, gifts, exchange and markets; the transition from subsistence to cash economies; systems of capital accumulation.

Essential reading R. Firth, *Primitive Polynesian Economy*; R. Firth (Ed.), *Themes in Economic Anthropology*; E. E. Le Clair and H. K. Schneider (Eds.), *Economic Anthropology*; J. M. Potter, M. N. Diaz and G. M. Foster, *Peasant Society*; M. Sahlins, *Stone Age Economics*; M. Bloch (Ed.), *Marxist Analyses and Social Anthropology*; H. K. Schneider, *Economic Man: the anthropology of economics*; M. Godelier, *Rationality and Irrationality in Economics*; G. Dalton (Ed.), *Tribal and Peasant Economies*; C. Forman, *The Raft Fishermen*.

An201(ii) Political Institutions

Dr Fuller. Ten lectures, Lent Term.

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.; M.Sc. and other graduate students.

Syllabus Political organization and political community; politics and ritual; political competition, conflict and factionalism; stratification: caste, ethnicity and class in modern world.

Essential reading G. Balandier, *Political Anthropology*; M. Fortes and E. E. Evans-Pritchard (Eds.), *African Political Systems*; F. Barth, *Political Leadership among Swat Pathans*; E. R. Leach, *Political Systems of Highland Burma*; A. Bêteille, *Caste, Class and Power*; J. Breman, *Patronage and Exploitation*; A. Cohen, *Custom and Politics in Urban Africa*; A. L. Epstein, *Politics in an Urban African Community*.

An201(a) Classes

In connection with Courses

An201(i) and An201(ii).

For B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist.

An300 Magic and Religion

Professor Lewis and Dr Sallnow.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr.; B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist. 3rd yr.; M.Sc. final yr. and other graduate students.

Syllabus Development of the anthropological study of religion, magic and morals. Ritual and symbolism. Sacrifice; magic; witchcraft; cargo and similar cults; shamanism; totemism; divination; ancestor worship. Regional cults and pilgrimage. Religion and the structure of society.

Essential reading E. Durkheim, *The Elementary Forms of the Religious Life*; R. Hertz, *Death and the Right Hand*; C. Lévi-Strauss, *The Raw and the Cooked*; Totemism; M. Douglas, *Purity and Danger*; J. Middleton, *Lugbara Religion*; V. Turner, *The Forest of Symbols*; I. M. Lewis, *Ecstatic Religion*; E. E. Evans-Pritchard, *Witchcraft, Oracles and Magic among the Azande*; W. Christian, *Person and God in a Spanish Valley*; R. Werbner (Ed.), *Regional Cults*.

Further reading will be suggested during the course.

An300(a) Classes

In connection with Course An300.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc. 3rd yr.; B.Sc. (Econ.) Part II.

An301 Advanced Ethnography

For B.Sc. c.u. main fields Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; M.Sc.

Any two of the following half-unit courses must be taken.

(i) Latin America: Lowlands

Dr Kaplan. Ten lectures, Michaelmas Term.

This course is not available in 1981-82.

Syllabus Key topics of recent ethnographies of Lowland tribal societies will be analysed, including dualism, prescriptive marriage, kindred-based groups, shamanism and leadership, subsistence patterns, ceremonial feasts, ritual, myth and jungle ideologies.

Essential reading P. Lyon (Ed.), *Native South Americans*; D. Cross (Ed.), *Peoples and Cultures of Native South America*; I. Goldman, *The Cubeo*; P. Rivière, *Marriage among the Trio*; J. Kaplan, *The Piaroa*; G. Reichel Dolmatoff, *The Shaman and the Jaguar*; C. Lévi-Strauss, *The Raw and the Cooked*.

Further reading will be given during the course.

(ii) Latin America: Highlands

Dr Sallnow. Ten lectures, Lent Term.

This course is not available in 1981-82.

Syllabus Historical background; the development of the colonial and republican economies; highland ecology and production systems; power and clientage; markets, fiestas and migration. The focus of the course will be the Andean area, with comparative material being drawn from Mexico and Meso-America.

Essential reading G. Pendle, *A History of Latin America*; W. Stein, *Hualcan: Life in the Highlands of Peru*; M. Mörner, *Race and Class in Latin America*; S. Brush, *Mountain, Field and Family: The Economy and Human Ecology of an Andean Valley*; F. Cancian, *Economics and Prestige in a Maya Community*; P. Hauser, *Urbanisation in Latin America*.

(iii) Madagascar

Dr Bloch. Ten lectures, Michaelmas Term.

This course is not available in 1981-82.

Syllabus The course will deal with ethnographies of various peoples of Madagascar within the context of historical changes in Madagascar from the eighteenth century to the present day.

Recommended reading will be given during the course.

(iv) Hunters and Gatherers

Dr Woodburn. Ten lectures, Michaelmas Term.

Syllabus A discussion of the implications of recent anthropological research among hunting and gathering societies with particular attention given to Sub-Saharan Africa and to India.

Recommended reading M. G. Bicchieri (Ed.), *Hunters and Gatherers Today*; R. B. Lee and I. DeVore (Eds.), *Man the Hunter*; *Kalahari Hunter-Gatherers*; M. Sahlins, *Stone Age Economics*; E. R. Service, *Primitive Social Organisation: an Evolutionary Perspective*; J. C. Woodburn, 'Hunters and Gatherers Today and Reconstruction of the Past' in E. Gellner (Ed.), *Soviet and Western Anthropology*. Additional ethnographic source material will be suggested during the course.

(v) Australian Aborigines

Dr McKnight. Ten lectures, Lent Term.

Syllabus This course deals with recent social change as well as the traditional local and social organization of the Australian Aborigines. The main topics are religious beliefs and practices, dancing, kinship and marriage, conflict and social control.

Recommended reading R. M. Berndt, *Australian Aboriginal Anthropology*; A. P. Elkin, *The Australian Aborigines: How to Understand Them*; K. Maddock, *The Australian Aborigines*; J. Goodale, *Tiwi Wives*; C. W. M. Hart and A. Pilling, *Tiwi: A North Australian Society*; W. L. Warner, *A Black Civilization*; B. Spencer and F. J. Gillen, *The Native Tribes of Central Australia*; T. G. H. Strehlow, *Aranda Traditions*; M. Megitt, *Desert People*; R. Tonkinson, *The Mardudjara Aborigines*.

(vi) **Melanesia**

Dr Gell.

This course is not available in 1981-82.

(vii) **Mediterranean**

Dr Loizos. Ten lectures, Michaelmas Term.

This course is not available in 1981-82.

Syllabus This course will concentrate on the transformation of rural localities by their incorporation into the nation-state, and the national and international economy. Particular attention will be paid to the uses made of historical data, and to changes in the condition of women in an area where patriarchy has been particularly deeply entrenched.

Recommended reading J. Davis, *Peoples of the Mediterranean*; J. K. Campbell, *Honour, Family and Patronage*; J. Pitt-Rivers, *The People of the Sierra*; M. Gilks, *Saint and Sufi in Modern Egypt*; E. Gellner, *Saints of the Atlas*; V. Maher, *Women and Property in Morocco*; J. Schneider and P. Schneider, *The Political Economy of Western Sicily*; J. W. Cole and E. Wolf, *The Hidden Frontier: Ecology and Ethnicity in an Alpine Valley*; J. Davis, *Land and Family in Pisticci*; J. Cutileiro, *A Portuguese Rural Society*; J. du Boulay, *Portrait of a Greek Mountain Village*; A. Cohen, *Arab-Border Villages in Israel*.

(viii) **India**

Dr Parry. Ten lectures, Lent Term.

Syllabus This course will deal with the ethnography of India with special reference to analyses of the caste system and the sociology of Hinduism.

Essential reading L. Dumont, *Homo Hierarchicus*; D. Pocock, *Kambi and Patidar*; W. D. O'Flaherty, *Asceticism and Eroticism in the Mythology of Siva*; Veena Das, *Structure and Cognition: Aspects of Hindu Caste and Ritual*; D. Pocock, *Mind, Body and Wealth*; A. Mayer, *Caste and Kinship in Central India*; J. P. Parry, *Caste and Kinship in Kangra*; M. M. Srinivas, *Religion and Society among the Coorgs' Caste in Modern India and Other Essays*; A. Beteille, *Caste, Class and Power*. Students are also referred to the journal *Contributions to Indian Sociology*. Other reading will be given during the course.

Possible other areas:

Teaching may be available by arrangement at either University College or the School of Oriental and African Studies for the following ethnographic areas: East Africa, West Africa, South-East Asia.

An301(a) Classes

In connection with Course An301.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II.

An302 Anthropological Linguistics: Linguistics and Anthropological Problems

Dr Bloch. Sessional.

For B.Sc. c.u. main fields Soc. Anth. 3rd yr.; M.Sc.

Students must also attend Course Ln100 Introduction to Linguistics.

Syllabus The course will concentrate on (1) the nature of classification in various cultures; (2) the relationship of language form to types of social situations.

Essential reading Relevant parts of the following works will be indicated during the course: P. P. Giglioli (Ed.), *Language and Social Context*; J. Goody (Ed.), *Literacy in Traditional Societies*; J. J. Gumperz and D. Hymes (Eds.), *Directions in Sociolinguistics*; M. Bloch (Ed.), *Political Language, Oratory and Traditional Society*; B. Berlin and P. Kay, *Basic Color Terms*; R. Bauman and J. Sherzer, *Explorations in the Ethnography of Speaking*; B. Malinowski, *The Language of Magic and Gardening (Coral Gardens and their Magic, Vol. II)*; B. L. Whorf, *Language, Thought and Reality*; D. Hymes (Ed.), *Language in Culture and Society*; J. Searle, *Speech Acts*. Further reading will be given during the course.

An302(a) Classes

In connection with Course

An302.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.

An303 Advanced Theory of Social Anthropology: Selected Topics and History

Dr Bloch and Dr Gell.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.A. Soc. Anth. and Med. Hist. 3rd yr.; B.Sc. (Econ.) Part II; M.Sc. and other graduate students.

Selected Topics

Syllabus Michaelmas Term: Types of interpretation and explanation used in social anthropology.

Essential reading C. Lévi-Strauss, *Structural Anthropology II*; B. Wilson (Ed.), *Rationality*; R. A. Manners and D. Kaplan (Eds.), *Theory in Anthropology*; M. Godelier, *Perspectives in Marxist Anthropology*; R. Needham, *Structure and Sentiment*; M. Bloch, *Marxist Analyses and Social Anthropology*; P. Bourdieu, *Outline of a Theory of Practice*; J. Piaget, *Structuralism*; F. Barth, *Models of Social Organization*; M. Sahlins, *Culture and Practical Reason*; S. Lukes, *Durkheim*.

Syllabus Lent Term: The history of cultural anthropology in the United States from Boas onwards. The influence of the Neo-Kantian school. Historical Particularism. Mead and Benedict and the rise of Culture and Personality studies. The impact of Freudian theory. The Boasian tradition in linguistics and the origins of American Cognitive anthropology.

Essential reading F. Boas, *Race, Language and Culture*; A. Kroeber, *Anthropology*; R. Benedict, *Patterns of Culture*; M. Mead, *Sex and Temperament*; A. Kardiner, *The Psychological Frontiers of Society*; J. Whiting and I. Child, *Child Training and Personality*; S. Tyler (Ed.), *Cognitive Anthropology*.

An303(a) Classes

In connection with Course An303.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II.

An304 Social Aspects of Political and Economic Development

Dr Sallnow and Professor Lewis.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II; M.Sc. final yr. **Syllabus** Anthropological approaches to social change; evolutionism, modernisation and underdevelopment; the impact of a money economy on subsistence producers; entrepreneurship; cultural obstacles to change; tribalism and nationalism; problems of community development, agrarian

reform, resettlement schemes and other forms of planned social change.

Essential reading N. Long, *An Introduction to the Sociology of Rural Development*; E. de Kadt and G. Williams (Eds.), *Sociology and Development*; I. Oxaal, T. Barnett and D. Booth, *Beyond the Sociology of Development*; G. Hunter, *Modernizing Peasant Societies*; T. Epstein, *Economic Development and Social Change in South India*; P. Lloyd, *Africa in Social Change*; A. L. Epstein, *Ethos and Identity*; P. H. Gulliver (Ed.), *Tradition and Transition in East Africa*; H. Bernstein (Ed.), *Underdevelopment and Development: the third world today*; P. Worsley (Ed.), *Two Blades of Grass*; Dan Sperber, *Rethinking Symbolism*.

An304(a) Classes

In connection with Course An304.

For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. (Econ.) Part II.

An400 A Programme of Ethnographic Films

Dr Loizos and Dr Sallnow. Sessional.

For all students, undergraduate and graduate, taking Anthropology as any part of their course.

An500 Seminar on Anthropological Theory

Professor La Fontaine and others. Sessional.

For senior graduate students. Admission by permission.

An501 Field Research Seminar (Anthropology)

Lecturers to be announced.

Sessional.

For all graduate students currently engaged in preparing theses.

An502 Teaching Seminars (Anthropology)

Dr Parry and Dr Kaplan.

Sessional for full-time students.

Separate seminars for part-time students will also be arranged by Dr Woodburn and Dr Fuller.

For M. Phil. graduate students taking qualifying examinations and M.Sc.

An504 Intercollegiate Seminars for Staff and Senior Graduate Students

To be arranged.
Admission by permission of Seminar Chairman.

An505 Research Workshop
Professor La Fontaine and others.
Ten meetings, Michaelmas and Lent Terms.

For research students.

Business Studies

BS100 Selected Issues in Business Policy, Organisation, and Financial Management

Professor Edey, Professor Roberts, Professor Thurley and Professor Yamey. Seminars and lectures, Sessional.

For Dip. Bus. Studies.

Other courses for the Diploma are listed under their various subject headings.

Economics

Ec100 Economics A1

Mr Klappholz.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc., Soc. Psych.; optional for Dip Soc. Plan.

In certain cases students can choose between courses Ec100 and Ec101.

Syllabus Economics and scarcity. Economic agents and economic institutions. Market processes, demand and supply analysis. Market failures. Applications of micro-economic analysis to some present day policy problems. Policy aims with respect to price, output and employment, and means of achieving these aims.

Ec100(a) Classes

Sessional.

Ec101 Economics A2

Dr Barr and Dr Whitehead.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A./B.Sc. c.u. main fields Geog., Man. Sci., Soc. Anth., Soc., Soc. Psych.; B.Sc. S.S. and A. 1st yr.; Dip. Acct.; Dip. Man. Sci.; M.Sc. final yr.

In certain cases students can choose between courses Ec100 and Ec101.

Syllabus This course gives a foundation in economic theory, primarily for those who have done no economics before. The course is suitable for those who intend to do further economics, either specialist or non-specialist. No knowledge of algebra is assumed. The course covers standard micro- and macro-economic theory and its extensions, and some aspects of income distribution. Topics dealt with include demand and supply, theories of utility and cost, market structures, optimality, theories of wages and labour supply, macro-economic equilibrium in the goods and money markets, unemployment, inflation, and the balance of payments.

Recommended reading The main textbooks include W. A. Baumol and A. S. Blinder, *Economics: Principles and Policy*; R. G. Lipsey, *An Introduction to Positive Economics*; P. A. Samuelson, *Economics*.

Useful introductions to the subject include M. Stewart, *Keynes and After*, J. Robinson, *Economic Philosophy*.

Ec101(a) Classes

Ec102 Economics B

Professor Morishima. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.

Syllabus From a unified point of view the course examines how the classical competitive economy, the mixed economy and the decentralised planning economy, work as self-contained systems. Naturally the price mechanism and fiscal and monetary policies will be the main items of the syllabus. In relation to them, also discussed are the social frameworks and historical background of the economics as well as the rational behaviour of the firms and households in socialist and capitalist environments. The dual structure of developing economies and other topics will be reviewed if time allows. At the preliminary stage of learning economics which this course assumes, the students' interest in related subjects such as sociology, history, etc. as well as quantitative methods, must be encouraged.

Recommended reading J. R. Hicks, *The Social Framework*; M. Morishima, *The Economic Theory of Modern Society*; P. A. Samuelson, *Economics*.

Ec102(a) Classes

Sessional.

Ec103 Basic Mathematics for Economists

Dr M. A. M. Smith. Thirty lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Man. Sci., Geog., Soc. Psych.; Dip. Econ.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus

A: (MICHAELMAS AND LENT TERMS)
Elementary functions; vectors and matrices; differentiation and simple integration; maximisation of functions; economic applications.

B: (LENT AND SUMMER TERMS) Functions of several variables; constrained optimisation; elementary dynamic models.

C: (LENT AND SUMMER TERMS) c.f. course SM100.

Recommended reading G. C. Archibald and R. G. Lipsey, *A Mathematical Treatment of Economics*.

Detailed reading will be given at the beginning of the course.

Ec103(a) Classes

Ec104 Introduction to Mathematical Economics

Dr Glaister. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.

Syllabus An elementary treatment of basic principles of economics: the theory of markets and the actions of agents in these; simple monetary theory and macro-economic models. All formal propositions will be treated mathematically. This course covers roughly the material of Lipsey: *Positive Economics* using elementary mathematical tools.

Recommended reading R. G. Lipsey, *An Introduction to Positive Economics*.

Ec104(a) Classes

Ec105 Economic Aspects of British Social Services

Dr Barr and Professor Layard. Ten lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Pol. and Admin. Option I.

Syllabus The objectives of state activity in the social services and the forms of state activity that are appropriate. Redistribution in cash and kind. The economics of education, health and housing, income redistribution, National Insurance, and non-contributory income support schemes.

Selected reading J. Le Grand and R. Robinson, *The Economics of Social Problems*; M. Friedman, *Capitalism and Freedom*, chaps. 2 and 6; J. E. Meade, "Poverty and the Welfare State", *Oxford Economic Papers*, 1972; M. Blaug,

Economics of Education 2; K. Arrow, "Uncertainty and the Welfare Economics of Medical Care", *American Economic Review*, December 1963; J. M. Buchanan and C. M. Lindsay in British Medical Association, *Health Services Financing*; P. Albin and B. Stein, "The Constrained Demand for Public Assistance", *Journal of Human Resources*, Summer 1968; N. A. Barr, "Labour's Pension Plan: A Lost Opportunity?", *British Tax Review*, Nos. 2 and 3, 1975.

Ec110 General Economics

Mr Marin and Dr Le Grand.

Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. 2nd or 3rd yr.

Syllabus This is a course of general economics for students with some training in elementary economics. It will concentrate on problems (with examples based primarily on the U.K.) including modern capitalism in relation to the operation of the price mechanism, government intervention in the economy, economic growth and stabilisation.

An outline of the lecture course, class topics and a reading list will be distributed at the beginning of the course.

Ec110(a) Classes

Twenty classes, Sessional.

Ec111 Economic Principles

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Bus. Studies; Dip. Econ.

Description of course An intermediate level course covering the theory of the household and firm; partial and general equilibrium analysis of exchange and production; the determination of employment, the price level, the rate of inflation and the balance of payments.

(i) Micro-Economic Theory

Mr Gould. Twenty lectures, Michaelmas and Lent Terms.

Recommended reading Main texts: D. Laidler, *Introduction to Microeconomics*; J. Hirshleifer, *Price Theory and Applications*. Detailed reading will be given at the beginning of the course.

(ii) Macro-Economic Theory

Dr Hindley. Twenty lectures, Michaelmas and Lent Terms.

Recommended reading R. Dornbusch and S. Fischer, *Macroeconomics*; T. F. Dernburg and D. M. McDougall, *Macro-Economics*; M. G. Mueller (Ed.), *Readings in Macroeconomics*.

Ec111(a) Classes

Twenty-four classes, Sessional.

Ec112 Problems of Applied Economics

Professor Atkinson, Mr Marin. Sessional.

For B.Sc. (Econ.) Part II; Dip. Econ.

(i) Applied Micro-Economics

Description of course Cost-benefit analysis, shadow pricing, externalities, migration and the brain drain, nationalised industries and monopoly regulation, marginal cost pricing, and alternative economic systems. Useful preliminary reading: E. J. Mishan, *Elements of Cost-Benefit Analysis*; R. Layard (Ed.), *Cost-Benefit Analysis*. Further reading will be given at the beginning of the course.

(ii) Applied Economics

Description of course The course will deal with the application of economic principles and quantitative methods to applied economic problems. It will concentrate on a selection of topics of current interest, covering both micro- and macro-economics. An outline of the course and a reading list will be circulated at the beginning of the course.

(iii) Applied Macro-Economics

Description of course Inflation, unemployment and stabilisation in closed and open economies.

Useful background reading: S. Brittan, *Steering the Economy*; H. G. Johnson, "The Keynesian Revolution and the Monetarist Counter Revolution" *A.E.R.*, May 1971. Detailed reading will be given at the beginning of the course.

Ec112(a) Classes

322 *Economics*

Ec113 Principles of Economics Treated Mathematically

Dr Cowell and Mr Jackman. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Econ.; Dip. Econometrics; M.Sc. preliminary yr.

(i) Micro-Economics

Syllabus Economic principles using elementary mathematical methods where appropriate. Consumer and producer theory, price determination, welfare economics.

Recommended reading H. Gravelle and H. Rees, *Microeconomics*; E. Malinvaud, *Lectures on Microeconomic Theory*; H. Varian, *Microeconomic Analysis*.

(ii) Macro-Economics

Syllabus Macroeconomic models: the demand for real output, the monetary sector. Stability. The labour market and inflation. The international sector. Elementary mathematical methods will be used where appropriate.

Recommended reading R. Dornbusch and S. Fischer, *Macroeconomics*; D. J. Ott, A. F. Ott and J. H. Yoo, *Macroeconomic Theory*.

Ec113(a) Classes

Ec114 Mathematical Economics

Dr Gale and Dr Horsley. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; M.Sc. prelim. yr.

Ec114(a) Classes

Ec115 Econometric Methods

Mr Pudney. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Stats.; Dip. Econ.

(Note It will be assumed that the students attending this course have taken Elementary Statistical Theory.)

Syllabus Introduction to social accounting including problems of formulation and measurement. Methods of statistical estimation and inference in the linear

regression model. Problems arising in simultaneous and dynamic economic models, illustrated by applied econometric work.

Recommended reading J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; J. Kmenta, *Elements of Econometrics*; J. Johnston, *Econometric Methods* (2nd edn.); J. Stewart, *Understanding Econometrics*.

Ec115(a) Classes.

Twenty-five classes.

Ec116 Practical Econometrics

Lecturer to be announced. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act., Sci. 2nd yr.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus An introduction to the application of econometrics. A discussion of the design of simple econometric models and the interpretation of econometric estimates, with computer application.

Recommended reading J. Stewart, *Understanding Econometrics*; K. Wallis, *Topics in Applied Econometrics*.

Ec117 Applied Econometrics

Dr Desai. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.; Dip. Econometrics; M.Sc. prelim. and final yrs.

Description of course An introduction to the econometric modelling of economic relationships. Topics covered include input-output analysis, demand analysis, specification and identification of production functions, the measurement of technical change.

Recommended reading M. Desai, *Applied Econometrics*; J. S. Cramer, *Empirical Econometrics*.

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

Ec118 The Micro-Foundations of Macro-Economics

Dr Sutton. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus Markets with imperfect information. The analysis of consumers; sequential search rules in product markets and in labour markets. The analysis of firms:

market equilibrium in quasi-competitive models. Non-search models and the persistence of price dispersion. Applications to the micro-foundations of macro-economics. Fixprice and fixwage models, and the nature of Keynesian unemployment equilibrium. Flexprice and flexwage models, and the micro-foundations of the Phillips curve.

Recommended reading M. Rothschild, 'Models of Market Organisation with Imperfect Information: A Survey', *Journal of Political Economy*, 1973; F. H. Hahn, 'Keynesian Economics and General Equilibrium Theory: Reflections on Some Current Debates' in G. C. Harcourt (Ed.), *The Microfoundation of Macroeconomics*; James Tobin, 'Inflation and Unemployment' *American Economic Review*, 1972.

Ec119 Cost-Benefit Analysis

Dr Glaister. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus Pure and applied cost-benefit analysis. The prerequisite level of economic theory will be commensurate with that provided by course Ec113, Principles of Economics Treated Mathematically. The level of mathematics will also be similar.

Recommended reading P. R. G. Layard (Ed.), *Cost Benefit Analysis*. Further reading will be given at the beginning of the course.

Ec120 Inflation

Mr Thomas. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Econometrics; M.Sc. prelim. yr.

Syllabus A critical survey of some econometric studies of inflation. Single equation models of price and wage inflation in a closed economy. The Phillips curve. Long-run and short-run relationships.

Simultaneous equation estimation. The role of trade unions. The formation of expectations. Monetarist theories of inflation. Inflation in the world economy. Incomes policy and the control of wage and price inflation.

Recommended reading J. A. Trevithick and C. Mulvey, *The Economics of Inflation*; R. J. Ball and P. Doyle (Eds.), *Inflation*; J. Kmenta, *Elements of Econometrics*, chapters 8 and 13.

Further reading will be given at the beginning of the course.

323 *Economics*

Ec122 Empirical Econometrics

Dr Desai. Ten lectures, Lent Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.; Dip. Econometrics; M.Sc. prelim. and final yrs.

Description of course An introduction to recent developments in the theory and practice of dynamic econometric modelling.

Recommended reading M. Desai, *Applied Econometrics*; K. F. Wallis, *Topics in Applied Econometrics* (2nd Edn.). A full reading list will be distributed at the beginning of the course.

Ec123 Quantitative Economics Classes

Fifteen Classes, Michaelmas and Lent Terms.

Ec124 Seminar in Quantitative Economics

Dr Desai and Mr Thomas.
Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II.

Ec130 The History of Economic Thought

Lord Robbins. Forty lectures,
Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; Dip. Econ.; M.Sc. final yr.

Syllabus The history of economic thought from the Greeks to the early XXth century. Special attention will be paid to the period since 1776, including the monetary controversies of this period.

Recommended reading The set books by Ricardo and Marshall; M. Blaug, *Economic Theory in Retrospect*. Also: A. Monroe, *Early Economic Thought*; J. A. Schumpeter, *History of Economic Analysis*; H. W. Spiegel (Ed.), *The Development of Economic Thought*; James A. Gherity, *Economic Thought A Historical Anthology*; G. S. L. Tucker, *Progress and Profits in British Economic Thought, 1650-1850*; W. Letwin, *The Origins of Scientific Economics*; R. W. Meek, *The Economics of Physiocracy; Precursors of Adam Smith 1750-1776*; H. Higgs, *The Physiocrats*; S. Hollander, *The Economics of Adam Smith; The Economics of David Ricardo*; J. M. Clark and others, *Adam Smith, 1776-1926*; J. Hollander, *David Ricardo*; M. Bowley, *Nassau Senior and Classical Economics*; G. T. Stigler, *Production and Distribution Theories*; J. Viner, *Studies in the Theory of International*

Trade; F. W. Fetter, *Development of British Monetary Orthodoxy, 1797-1825*; L. C. Robbins, *The Theory of Economic Policy in English Classical Political Economy*; Robert Torrens and the Evolution of Classical Economics; *The Theory of Economic Development in the History of Economic Thought*; *The Evolution of Modern Economic Theory*; D. P. O'Brien, *The Classical Economists*; T. W. Hutchison, *A Review of Economic Doctrines 1870-1929*; Erich Schneider, *Einführung in die Wirtschaftstheorie*, Vol. IV, *Geschichte der Wirtschaftstheorie*, 1. Band. A full guide to reading will be distributed at the beginning of the course.

Ec130(a) Classes

Twenty classes, Michaelmas and Lent Terms.

Ec131 Advanced Economic Analysis

Dr Sutton, Dr Dougherty and Dr Pissarides. Thirty lectures,
Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; Dip. Econ.

Description of course 1. Markets with imperfect information. Market equilibrium in quasi-competitive models. Market breakdown; the market for lemons. Signalling equilibria. 2. Applications to the microfoundations of macroeconomics. Keynesian unemployment equilibrium. Microfoundations of the Phillips curve. 3. Monetary and fiscal policy; government financing and wealth effects. Open economy problems; exchange rate overshooting. Choice of optimal stabilization instruments. Monetary policy with rational expectations. 4. Determination of the rate of profit in the Fisherian model; applications.

Recommended reading M. Rothschild, 'Models of Markets with Imperfect Information: A Survey', *Journal of Political Economy*, 1973; E. Malinvaud, *The Theory of Unemployment Reconsidered*; C. Pissarides, *Labour Market Adjustment*; C.R.S. Dougherty, *Interest and Profit* (chaps. 1-3,7,8).

Ec131(a) Classes

Twenty classes, Michaelmas and Lent Terms.

Ec132 Economics of Industry

Professor Yamey. Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Econ.

This course surveys economic issues in the structure and practices of firms and industries, including vertical integration, concentration, specialisation and diversification, pricing policies, innovation and sales promotion. An outline and references will be given at the beginning of the course.

Ec132(a) Classes

Ec133 Selected Topics in the Economics of Industry and Trade

Professor Yamey, Dr Richardson and others. Twenty-two lectures, Sessional.

For B.Sc. (Econ.) Part II.
Syllabus Topics will be selected from the following: the structure of industry; the economics of licensing; industrial policy; the joint stock company; the multinational company; the patent system; insurance markets; product liability; organised futures markets; international commodity schemes; pricing practices, systems and policies; innovation; government policies in respect of monopoly and competition, small business, state enterprises, location of industry.

Ec134 Theory of Business Decisions

Professor Foldes. Twenty-two lectures of one-and-a-half hours, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Dip. Econ.
Syllabus The course emphasises the concepts of decision theory and their relationship to economics rather than mathematical or computational methods. A selection will be made from the following topics: Programming, including shadow prices and their use in schemes of decentralisation. Concepts of probability, including discussion of objective and subjective interpretations. Expected utility. Decision rules for problems involving risk, with selected applications e.g. to insurance or investment problems. Random processes, information structures, trees and sequential decisions. Concepts of uncertainty analysis, including Bayes and minimax solutions of games against nature and zero-sum two person games. Organisations considered as games and as teams. Survey of informal organisation theory.

Recommended reading W. Baumol, *Economic Theory and Operations Analysis* (4th edition, chaps. 1-8, 12, 15, 17-19); R.D. Luce and H. Raiffa, *Games and Decisions* (chaps. 1-7,13); H. Raiffa, *Decision Analysis: Introductory Lectures on Choices under Uncertainty*. Further references will be given during the course.

Ec134(a) Classes

Ec135 Economics of Investment and Finance

Professor Foldes. Fifty lectures, Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; M.Sc. final yr.

Syllabus A selection from the following topics: Formulation of problems of intertemporal choice and concepts of income, capital and interest. Optimal policies for accumulation, depletion and replacement of assets. Emergence, appraisal and control of projects. Treatment of risk in the theory of value and capital. Spot and forward markets, sure and contingent contracts. Selection of risky assets, including risk pooling, diversification and insurance. Portfolio selection and pricing in the case of quoted securities. Speculative prices as random processes. The cost of corporate capital, including the effects of dividend policy, gearing, taxation and inflation. Comparison between private and public investment appraisal.

Recommended reading J. Hirshleifer, *Investment, Interest and Capital*; T.E. Copeland and J.F. Weston, *Financial Theory and Corporate Policy* or E. F. Fama, *Foundations of Finance*; M. Allais, "Method of Appraising Economic Prospects of Mining Exploration over Large Territories", *Management Science* July 1957. Further references will be given during the course.

Ec135(a) Classes

Ec136 Labour Economics

Dr Richardson. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Part II; Dip. Econ.
Syllabus Most of the following will be covered: 1 Labour supply: quantity (participation rates, hours); quality (education, training, migration, information) 2 Labour demand 3 Wage structure: by occupation, industry 4 Effects of unions on

wages and resource allocation 5
Unemployment 6 Macro topics: wage
inflation, incomes policy.

Recommended reading will be given at the
beginning of the course.

Ec136(a) Twenty Classes

Ec137 The Economics of Public Finance

Professor Prest. Twenty lectures,
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.

Syllabus The principles behind the allocation
of functions between the private and the
public sector; the theory of public goods and
related topics. Analysis of the allocative and
distributional effects of taxes on income,
output, value added, wealth and the like.
Analysis of fiscal policy and debt
management, and discussion of problems of
control of the economy. Central-local
government financial relationships. The
main institutional references will be to the
U.K. but some attention will also be given to
other countries, especially the U.S.A.

Recommended reading A. R. Prest and N.
A. Barr, *Public Finance in Theory and
Practice* (6th edn.); R. A. Musgrave, *Fiscal
Systems*; R. A. and P. B. Musgrave, *Public
Finance in Theory and Practice* (3rd edn.);
R. A. Musgrave, *Theory of Public Finance*.

Ec137(a) Classes

Ec138 Current Issues in Public Finance

Dr Le Grand. Five meetings, Lent
Term.

For B.Sc. (Econ.) Part II; Dip. Econ.

Syllabus A number of current issues in public
sector economics will be discussed from the
following: the objectives of income
redistribution, public choice and the
efficiency of government, systems of
preference revelation for public goods,
national insurance and social security.

Note Students are also referred to Ec143 (iii)
Economic Aspects of Taxation, Poverty and
Redistribution.

Ec139 Monetary Theory

Mr Jackman. Twenty lectures,
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.

Description of course Characteristics of
money. Demand for and supply of money.

Monetarist and Keynesian theories of how
money and expenditure influence economic
activity. Targets, indicators and instruments
of monetary policy.

Recommended reading J. R. Hicks, *Critical
Essays in Monetary Theory*; D. Wrightsman,
*An Introduction to Monetary Theory and
Policy*; H. Visser, *The Quantity of Money*;
A. Bain, *The Control of the Money Supply*;
A. Walters (Ed.), *Money and Banking*.

Ec139(a) Classes

Fifteen classes, Michaelmas and
Lent Terms.

Ec140 International Monetary Theory

Professor Day. Eight lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; Dip. Econ.

Description of course The course will
primarily be concerned with international
monetary theory, but will include some
discussion of history and institutions.

Recommended reading L. B. Yeager,
International Monetary Relations; M.
Chacholiades, *International Monetary
Theory and Policy*; H. G. Johnson,
International Trade and Economic Growth
(esp. chaps. 4 and 6); R. A. Mundell,
International Economics; League of Nations,
International Currency Experience; A. G.
Ford, *The Gold Standard* (esp. chap. 1); R.
Triffin, *Gold and the Dollar Crisis*.

Ec141 The British Monetary System

Mr Alford. Twenty lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; Dip. Econ.

Syllabus Banks and other financial
intermediaries in the U.K.; the discount
houses and specialised financial markets.
Public sector debt and its management.
Monetary policy and its problems in the
U.K.

Recommended reading A. D. Crockett,
Money (2nd edn.); J. R. S. Revell, *The
British Financial System*; H. G. Johnson
(Ed.), *Readings in British Monetary
Economics*; D. Gowland, *Monetary Policy
and Credit Control*. For recent developments
see *Bank of England Quarterly Bulletin*,
Midland Bank Review, *The Banker*.

Ec141(a) Classes

Ten classes, Lent Term.

Ec142 International Monetary Institutions

Professor Day. Lent Term.

For B.Sc. (Econ.) Part II; Dip. Econ.

Description of course It will primarily be
concerned with international monetary
history and institutions but will include some
discussion of international monetary theory.

Recommended reading B. J. Cohen,
Organizing the World's Money; L. B.
Yeager, *International Monetary Relations*;
R. Solomon, *The International Monetary
System 1945-1976*; F. Hirsch, *Money
International*; R. V. Aliber, *The Political
Economy of Monetary Reform*; J. K.
Horsefield, *The International Monetary Fund
1945-1965*; M. de Vries, *The International
Monetary Fund 1966-1971*; *Annual Reports
of International Monetary Fund, Bank for
International Settlements*; IBRD, *World
Development Report*, 1980.

Ec143 Introduction to Economic Policy

For B.Sc. (Econ.) Part II; Dip. Econ.

(i) Macro-Economics Management

Mr Ormerod. Ten meetings,
Michaelmas Term.

Syllabus Targets, tools and indicators; the
policy significance of unemployment,
inflation, the balance of payments and
growth. Budgetary policy, monetary policy,
exchange rate policy, incomes policy: their
use, effectiveness and problems since about
1960.

(ii) The Balance of Payments

Professor Dorrance. Ten meetings,
Michaelmas Term.

Syllabus Interpretation of balance of
payments accounts and their relationship to
the external asset and liability position of the
U.K. Analysis of the factors determining the
current balance, overseas investment and
other capital flows. Aims and methods of
effecting these by official policy. The course
will be closely related to developments in the
U.K. over the period from 1960. Alternative
international monetary regimes and their
implications for balance of payments policy.
Recommended reading C. S. O., *United
Kingdom Balance of Payments, 1967-1977*,
National Income and Expenditures, 1967-77;
I.M.F., *Balance of Payments Manual* (4th
edn.), 1977, *The Monetary Approach to the
Balance of Payments*; B. J. Cohen,

Organizing the World's Money; L. A.
Metzler, 'The Theory of International Trade'
in H. S. Ellis, *A Survey of Contemporary
Economics*; A. O. Krueger, 'Balance of
Payments Theory', *Journal of Economic
Literature*, March 1969; S. Alexander,
'Effects of Devaluation on a Trade Balance',
Staff Papers, Vol. II; J. Frenkel and H. G.
Johnson, *The Monetary Approach to the
Balance of Payments*; A. P. Thirlwall,
Balance of Payments Theory; R. Dornbusch,
Open Economy Macroeconomics (chap. 13).

(iii) Economic Aspects of Taxation, Poverty and Redistribution

Professor Atkinson. Ten meetings,
Lent Term.

Syllabus The concept and meaning of income
and poverty. Concepts, justification and
methods of income redistribution.
Discussion of existing sources of information
on the distribution of income. Analysis of
effects of government budget on the
distribution of income. Poverty and income
maintenance. Different schemes and their
relation to the structure of income tax.
A reading list will be distributed at the
beginning of the course.

(iv) Competition, Monopoly and Public Enterprise

Dr Glaister and others. Ten
meetings, Lent Term.

Syllabus Selected issues in the analysis of
monopoly and competition and of public
policy towards monopoly and restrictive
practices. Ownership and control in the joint
stock company, and the market in corporate
control.

Public enterprise and its problems; its
objectives and performance.

Reading for each section will be distributed
during the course.

Ec144 The Economics of the Welfare State

Dr Barr and Dr Le Grand.

Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II.

Description of course The course investigates
economic aspects of the welfare state,
interpreted broadly to include social
insurance, retirement pensions,
non-contributory benefits, health care,
education and housing. The objectives of the
welfare state are discussed, followed by

analysis of the instruments at the state's disposal for achieving those objectives. The focus of the course is on the underlying economic principles; institutions are not emphasised though, where appropriate, reference will be made to those of the U.K. and other countries, particularly the United States. It will be assumed that students have taken Economic Principles (Ec111) or equivalent.

Recommended reading A. J. Culyer, *The Political Economy of Social Policy*; L. McClements, *The Economics of Social Security*; J. G. Cullis and P. A. West, *The Economics of Health*; R. V. F. Robinson, *Housing Economics and Public Policy*; M. Blaug, *An Introduction to the Economics of Education*.

Further reading will be given at the beginning of the course.

Ec144(a) Classes

Ec145 International Economics

Dr Kuska and Mr Steuer. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.

Description of course The course will cover the theory of comparative cost, tariff theory, customs unions, the benefits and costs of foreign investment and other related topics. In the second term, the monetary aspects of trade will be discussed; exchange rates, the use of monetary and fiscal policy to attain balance of payments and employment objectives, and problems of the international monetary system.

Selected reading A. K. Dixit and V. Norman, *Theory of International Trade*; B. Sodersten, *International Economics*; H. G. Grubel, *International Economics*; H. R. Heller, *International Trade; International Monetary Economics*; R. E. Caves and H. G. Johnson (Eds.), *Readings in International Economics*; J. Bhagwati (Ed.), *International Trade*; R. N. Cooper (Ed.), *International Finance*. **Additional recommended reading** will be given at the beginning of the course.

Ec145(a) Classes

Ec146 Economic Development: Introduction to Development Economics

Professor Myint. Twenty lectures, Michaelmas and Lent Terms. For B.Sc. (Econ.) Part II; Dip. Econ.; M.Sc. final yr.; Optional for Dip. Soc. Plan.

Syllabus Concepts and measurements of underdevelopment. The problem of efficient allocation of resources; choice of techniques and investment criteria; optimum prices of products and factors; population and labour force; financing development; public expenditure and revenue; characteristics of the agricultural sector in developing countries; contribution to development; capital accumulation; labour transfer, export earnings, import substitution; land tenure problems.

Recommended reading P. T. Bauer, *Dissent on Development; Economic Analysis and Policy in Underdeveloped Countries*; W. M. Corden, *Trade Policy and Economic Welfare*; Y. Hayami and V. W. Ruttan, *Agricultural Development and International Perspective*; U. K. Hicks, *Development Finance*; H. G. Johnson, *Economic Policies Toward Less Developed Countries*; S. Kuznets, *Modern Economic Growth*; G. M. Meier, *Leading Issues in Development Economics*; J. Mellor, *The Economics of Agricultural Development*; H. Myint, *The Economics of the Developing Countries*; H. Myint, *Economic Theory and the Underdeveloped Countries, Southeast Asia's Economy, Development Policies in the 1970's*; A. R. Prest, *Public Finance in Underdeveloped Countries* (2nd edn.); I. Little, T. Scitovsky and M. Scott, *Industry and Trade in some Developing Countries*; R. McKinnon, *Money, Capital and Economic Growth*; C. R. Frank, "Urban Unemployment and Economic Growth in Africa" (*Oxford Economic Papers*, July 1968); H. M. Southworth and B. F. Johnston (Eds.), *Agricultural Development and Economic Growth*; A. K. Sen, *Employment Technology and Development*; T. W. Schultz, *Transforming Traditional Agriculture*.

Ec146(a) Classes

Twenty classes, Michaelmas and Lent Terms.

Ec147 Economic Institutions Compared

Professor Wiles. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ. **Description of course** Capitalism, classical Communism, Yugoslavia, the Kibbutz, the peasant.

Recommended reading M. Bornstein, *Comparative Economic Systems, Models and Cases*; R. L. Carson, *Comparative Economic Systems*; A. Nove, *The Soviet Economic System*; B. Ward, *The Socialist Economy*. Further reading will be given during the course.

Ec147(a) Classes

Twelve classes, Lent and Summer Terms.

Ec148 Introduction to National Planning

Professor Wiles and Dr Gomulka. Thirty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Econ.

Description of course The general theory and practice of detailed national planning: in France, U.S.S.R., underdeveloped countries.

Recommended reading B. Gross (Ed.), *Action Under Planning*; P. J. D. Wiles, *The Political Economy of Communism*; S. Cohen, *Modern Capitalist Planning*; M. Ellman, *Soviet Planning Today*; D. Liggins, *National Economic Planning in France*; J. E. Meade, *The Controlled Economy*; B. Ward, *The Socialist Economy*; Mahbub-ul-Haq, *The Strategy of Economic Planning: A Case Study of Pakistan*.

Further reading will be given during the course.

Ec148(a) Classes

Twelve classes, Lent and Summer Terms.

For B.Sc. (Econ.) Part II only.

Ec149 The Economics and Geography of Transport

Professor Foster and Dr K. R. Sealy. Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog.; Dip. Geog. Students take Section I and either Section II or Course No Ec150. Also for M.Sc.

Description of course: Section I An introduction to the economics and geography of transport. The economics of highways, railways, road haulage. The application of cost benefit analysis to transport. Problems of pricing and analysis. Urban transport problems and planning. Early traffic studies; land use - transportation surveys and

modelling techniques used in planning. Spatial problems in urban transport planning.

Recommended reading: Section I K. M. Gwilliam, *Transport and Public Policy*; D. L. Munby, *Readings in the Economics of Transport*; C. D. Foster, *The Transport Problem* (Revised Edn.); A. J. Harrison, *Economics of Transport Appraised*; J. M. Thompson, *Modern Transport Economics*; A. A. Walters, *The Economics of Road User Charges*; Ian S. Jones, *Urban Transport Appraisal*; R. Lane, T. J. Powell and P. Prestwood Smith, *Analytical Transport Planning*; M. J. Bruton, *Introduction to Transportation Planning*; D. N. M. Starkie, *Transportation Planning, Policy and Analysis*; S. Plowden, *Towns against Traffic*; S. Bendixson, *Instead of Cars*; J. M. Thomson, *Transport Economics*; C. A. Nash, *Public versus Private Transport*; P. R. White, *Planning for Public Transport*; J. M. Thomson, *Great Cities and their Traffic*; D. A. Hensher, *Urban Transport Economics*.

Description of course: Section II An introduction to the economics and geography of air transport. The economic characteristics of civil aircraft; geography of routes and networks, networks and costs; airport siting and development; airport planning policy in the U.K. (N.B. For the environmental aspects of transport development see Course Gy313.)

Recommended reading: Section II A. H. Stratford, *Air Transport Economics in the Supersonic Era* (2nd edn.); Board of Trade, *British Air Transport in the Seventies*, Edwards Committee, Cmnd. 4018; M. R. Straszheim, *The International Airline Industry*; K. R. Sealy, *Airport Strategy and Planning*; Department of Trade, *Airport Strategy for Great Britain*, Vols. I and II; S. B. Richmond, *Regulation and Competition in Air Transportation*; W. E. O'Connor, *Economic Regulation of the World's Airlines*; R. De Neufville, *Airport Systems Planning*; K. M. Johnson and H. C. Garnett, *The Economics of Containerisation*; P. S. Smith, *Air Freight*.

Ec149(a) Classes

Ec150 Transport Economics Treated Mathematically

Dr Glaister. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.; Dip. Geog. Students take this course or course No.

Ec149 section II. Also for M.Sc.

Syllabus Consumer surplus, peak load pricing, congestion, urban transport models, queuing theory and traffic problems, demand analysis and forecasting.

Recommended reading S. Glaister, *Fundamentals of Transport Economics*; D. R. Cox and W. L. Smith, *Queues*; A. A. Walters in D. L. Munby, *Readings in the Economics of Transport*; W. J. Baumol and D. F. Bradford in *American Economic Review* 1970; T. A. Domencich and D. McFadden, *Urban Travel Demand*; P. R. Stopher and A. H. Meyburg, *Urban Transportation Modelling and Planning*.

Ec151 Economic Applications of Game Theory

Professor Dasgupta. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; Dip. Econ. **Syllabus** Exploration of different solution concepts, e.g. Core, Nash equilibrium, Pareto efficiency, Strong equilibrium, to problems of resource allocation. Specific attention will be given to problems of externalities. Students should also attend SM106(i) Games.

Ec151(a) Classes

Five classes, Lent Term.

Note: For Economic Analysis of Law

See Course Number LL127 Dr Hindley, Mr Gould, Mr Klappholz and Mr Bishop. Twenty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II.

Syllabus Sections 1 and 3 will be taught every year. Specific Subjects drawn from section 2 will be taught each year according to announcement.

Economic theories of legal topics such as:
(1) Property Rights – allocation and transfer of rights, pollution control.

(2) Torts – negligence, foreseeability and risk, strict liability, products liability, medical malpractice, valuation of human life.

(3) Contract – consideration, frustration, mistake, specific performance, damages, fraud, penalty clauses, unilateral contracts, bargaining power.

(4) The Legal System – class action suits, reimbursement of costs, contingent fees, payment into court, legal aid, the efficiency

of the common law, precedent.

(5) Crime and Law Enforcement.

(6) Racial and Sexual Discrimination.

(7) Divorce and Alimony.

(8) Rent Control.

Recommended reading TEXTBOOK: R. A. Posner, *Economic Analysis of Law* (2nd edn.).

ADVANCED COURSES IN ECONOMICS

Ec202 Preliminary-Year Micro-Economics

Dr Hindley. Michaelmas and Lent Terms.

For M.Sc. preliminary yr.

Reading Those students who have not studied economics before should ensure before taking this course that they are thoroughly acquainted with R. G. Lipsey, *An Introduction to Positive Economics* (2nd edn., parts 1–5). G. J. Stigler, *Theory of Price* (3rd edn.) and J. Hirshleifer, *Price Theory and its Applications* are good general texts.

Ec202(a) Classes

Sessional.

Ec203 Preliminary-Year Macro-Economics

Professor Buiter. Sessional.

For M.Sc. preliminary yr.

Reading Those students who have not studied economics before should ensure before taking this course that they are thoroughly acquainted with R. G. Lipsey, *An Introduction to Positive Economics* (3rd edn., part 1 and parts 6–11). The main content of the course is to be found in T. F. Dernburg and D. M. McDougall, *Macro-Economics*, M. Perlman, *Macro-Economics*, and W. H. Branson, *Macroeconomic Theory and Policy*.

Ec203(a) Classes

Sessional.

Ec210 Final-Year Mathematics for Economists

Dr Kuska. Twenty lectures, September, 1981.

For M.Sc. final yr.

Description of course The course will cover the following topics: an introduction to matrix algebra, partial differentiation, differentials, determinants, maximisation and minimisation, and the mathematical methods of comparative statics.

Reading Text for the course: E. A. Kuska, *Maxima, Minima, and Comparative Statics*. Essential preliminary reading: a treatment of the differential calculus of one variable. Suitable expositions may be found in one of the following: E. Dowling, *Mathematics for Economists*, Chaps. 1–4 (Chaps. 5–12 would be useful) or T. Yamane, *Mathematics for Economists*, chaps. 1, 2 and 3 or R. G. D. Allen, *Mathematical Analysis for Economists*, chaps. 1–10.

Ec210(a) Classes

Ten classes, September, 1981.

Ec211 Final-Year Statistics for Economists

Lecturer to be announced. Twenty lectures, September, 1981.

For M.Sc. final yr.

Description of course Descriptive statistics, probability theory, random variables and frequency distributions, the binomial and normal distributions, sampling distributions, estimation, hypothesis testing, confidence intervals, linear regression, correlation.

Reading J. J. Thomas, *An Introduction to Statistical Analysis for Economists*; J. Kmenta, *Elements of Econometrics*.

Ec211(a) Classes

Ten classes, September, 1981.

Ec212 Final-Year Micro-Economics

Professor Layard and Professor Atkinson. Twenty two-hour lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course 1. Welfare Economics, 2. Consumer Demand, 3. Duality and Applications, 4. Efficiency in Pricing and Taxation, 5. General Equilibrium models: two-sector models and their properties, 6. Risk and Utility, 7. The objectives of the

firm, 8. Production, Technology and costs. Derived demands and elasticity laws, 9. The Theory of Markets, Monopoly, Oligopoly and imperfect competition.

Selected reading P. R. G. Layard and A. A. Walters, *Microeconomic Theory*; H. Varian, *Microeconomic Analysis*; S. Nickell, *The Investment Decision of Firms*; W. Breit and H. Hochman, *Readings in Micro-Economics*

Ec212(a) Classes

Ec213 Introduction to the Economics of Uncertainty

Dr Horsley. Eight lectures, Lent Term.

For M.Sc.

Description of course Utility theory and decision theory. Theories of the consumer, portfolio theory, and insurance. Theories of the firm. Uncertainty in market models.

Ec214 Final-Year Macro-Economics

Dr Perlman. Forty lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course Analysis of the classical and Keynesian models of income determination. The consumption function; the investment function; the demand and supply of money. Macro problems of international trade and capital transactions. Wealth effects. Inflation and unemployment. Rational expectations models; disequilibrium analysis.

Selected reading Lecture notes H. G. Johnson, *Macroeconomics and Monetary Theory*; J. M. Keynes, *The General Theory of Employment, Interest and Money*; D. Patinkin, *Money, Interest and Prices* (2nd edn.); A. Leijonhuvud, *Keynes and the Classics*.

Ec214(a) Classes

Ec215 Growth and Capital Theory

Dr Gomulka and Dr Dougherty. Ten lectures, Michaelmas and Lent Terms.

Optional for M.Sc. final yr.

Recommended reading M. Kalecki, 'A Theory of Commodity, Income and Capital Taxation' in *Economic Journal*, 1937 and 'A Theory of Profits' in *Economic Journal*, 1942; N. Kaldor, 'Alternative Theories of Distribution' in *Review of Economic Studies*,

1955-56; L. L. Pasinetti, 'Rate of Profit and Income Distribution in Relation to the Rate of Economic Growth' in *Review of Economic Studies*, 1962; C. R. S. Dougherty, *Interest and Profit*, chaps. 1, 9-12.

Ec216 Methods of Economic Investigation

For M.Sc. final yr.

(i) Econometric Theory and Case Studies

Mr Davidson. Forty lectures, Michaelmas and Lent Terms.

Description of course The purpose of this course is to present the more frequently used techniques of empirical investigation in economics. In addition to the methods employed, it illustrates the advantages and difficulties involved in their application.

Recommended reading M. B. Stewart and K. F. Wallis, *Introductory Econometrics*; K. F. Wallis, *Topics in Applied Econometrics*; J. Kmenta, *Elements of Econometrics*. A detailed list of articles will be given at the beginning of the course.

(ii) Practical Applications

Mr Pudney. Eight lectures, Lent Term.

Description of course Computer estimation and analysis of econometric models.

Ec216(a) Classes

Ec217 Theory of Economic Growth

Professor Morishima. Forty hours, Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For M.Sc. final yr.

Description of course The course discusses economic growth within the framework of the theory of growth equilibrium. The main points will be classical, neo-classical and Keynesian views of economic growth; existence and stability of growth equilibrium; flex-price and fixed-price models; disequilibrium analysis; the role of international trade; econometric analysis of growth.

Selected reading J. R. Hicks, *Capital and Growth*; J. R. Hicks, *Capital and Time*; F. H. Hahn and R. C. O. Matthews, "The Theory of Economic Growth: A Survey" (*The Economic Journal*, December 1964); E. Malinvaud, *The Theory of Unemployment Re-Considered*; M. Morishima, *The Theory*

of Economic Growth; Dynamic Economic Theory.

Ec218 Theory of Investment Planning

Professor Dasgupta. Ten lectures, Michaelmas Term.

This course will not be given in 1981-82.

For M.Sc. prelim. and final yrs.

Description of course Principles of cost-benefit analysis. Optimality, duality and shadow prices. Incomplete rankings and quasi-optimality. Inter-temporal choices and discounting. Valuation of labour and investment. Interest groups and feasibility constraints. Project evaluation, sensitivity analysis and quasi-optimal choices.

Suggested reading United Nations, *Guidelines for Project Evaluation*; A. K. Sen, *Choice of Techniques*; G. M. Heal, *The Theory of Economic Planning*; I. M. D. Little and J. E. Mirrlees, *Project Appraisal and Planning for Developing Countries*; R. Layard (Ed.), *Cost-benefit Analysis*.

Ec218(a) Seminars

Michaelmas Term.

Ec219 Welfare Economics and Political Conflicts

Professor Sen. Ten hours, Michaelmas Term.

Optional for M.Sc.

Description of course This is an introductory, non-mathematical course on interpersonal and intergroup conflicts.

Suggested reading J. S. Mill, *On Liberty*; K. Marx, *Critique of the Gotha Programme*; I. M. D. Little, *A Critique of Welfare Economics*; J. de V. Graaf, *Theoretical Welfare Economics*; K. J. Arrow, *Individual Values and Social Choice* (2nd edn.); A. K. Sen, *Collective Choice and Social Welfare* (unstarred chapters); J. Rawls, *A Theory of Justice*; R. Nozick, *Anarchy, State and Utopia*; R. Dworkin, *Taking Rights Seriously*.

Ec220 Aggregative and Decentralized Planning

Professor Dasgupta. Ten hours, Lent Term.

This course will not be given in 1981-82.

For M.Sc. final yr.

Description of course Optimal growth theory

and its relationship with social cost benefit analysis. Decentralized planning mechanisms, with special reference to the problem of incentives; prices versus quantities in plan specifications.

Ec220(a) Seminars

This course will not be given in 1981-82.

Ec221 History of Economic Thought:

For M.Sc. final year.

(i) Classical Economics

Professor Myint and Dr Perlman. Twenty lectures, Michaelmas and Lent Terms.

(ii) Economic Theory in Retrospect (Seminar)

Professor Myint and Dr Perlman. Sessional.

Description of course The course is concerned in the main with the writings of the classical and the neo-classical economists from Adam Smith to Alfred Marshall. It will consider issues of economic theory, policy and methodology. Emphasis will be given to the study of original texts.

Selected general reading M. Blaug, *Economic Theory in Retrospect*; D. P. O'Brien, *The Classical Economists*; J. A. Schumpeter, *The History of Economic Analysis*.

Ec222 Introduction to International Trade and International Monetary Economics

For M.Sc. final yr.

(i) Theory

Dr Hindley. Ten lectures, Michaelmas Term.

(ii) History and Institutions

Professor Dorrance. Ten lectures, Michaelmas Term.

Recommended reading B. J. Cohen, *Organizing the World's Money*; L. B. Yeager, *International Monetary Relations*;

R. Solomon, *The International Monetary System 1945-1976*; F. Hirsch, *Money International*; R. V. Aliber, *The Political Economy of Monetary Reform*; J. K. Horsefield, *The International Monetary Fund 1945-1965*; M. de Vries, *The International Monetary Fund 1966-1971; Annual Reports of International Monetary Fund, Bank for International Settlements; IBRD, World Development Report*, 1980.

Ec223 International Trade Theory and Commercial Policy

Dr M. A. M. Smith and Dr Hindley. Fifteen lectures, Michaelmas and Lent Terms. For M.Sc. final yr.

Ec224 International Monetary Economics

Dr Kuska and Lecturer to be announced. Fifteen lectures, Michaelmas and Lent Terms. For M.Sc. final yr.

Ec225 Seminar on International Trade and International Monetary Economics

Dr M. A. M. Smith and Dr Hindley. Twenty seminars, Sessional.

For M.Sc. final yr. Other students will be admitted only by permission.

Ec226 Theory of Optimal Decisions

Professor Foldes. Twenty-five lectures of one-and-a-half hours, Sessional.

For M.Sc. final yr.

This course will not be given as a separate course in 1981-82 but suitably qualified students may offer the subject "Theory of Optimal Decisions" in the M.Sc. Econ. examination. Such students should attend course Ec135. Economics of Investment and Finance. Familiarity with material covered in Ec134 is assumed; students who have not followed this or an equivalent course may need to attend some of the lectures (not classes) for Ec134.

Ec227 Labour Economics

Professor Layard, Dr Pissarides and Mr Jackman. Thirty-five lectures, Michaelmas and Lent Terms.
For M.Sc. final yr. and other graduate students.

(i) Labour Supply and Demand and Earnings Inequality

Professor Layard. Twenty lectures, Michaelmas and Lent Terms.

Syllabus 1. Labour supply: hours of work; labour force activity of women; occupational choice and human capital formation; education and training. 2. The inequality of earnings: the role of ability, education, family background, unions and luck; lifetime income; evaluating redistributive policies. 3. Labour demand: marginal productivity; demand for men and hours; cyclical variation; discrimination; specific training. 4. Unemployment: structure of unemployment and vacancies; duration and flow; determinants of individual unemployment and aggregate unemployment, long-term and over the cycle; explanation of current unemployment and wage inflation.

Recommended reading J. F. Burton *et al.*, *Readings in Labour Market Analysis*.

Other readings will be recommended during the course.

(ii) Micro Foundations of Wage Inflation and Unemployment

Dr Pissarides and Mr Jackman. Fifteen lectures, Michaelmas and Lent Terms.

Recommended reading E. S. Phelps *et al.*, *Micro Foundations of Employment and Inflation Theory*; C. Pissarides, *Labour Market Adjustment*.

Ec228 Monetary Economics

Dr Gale and Dr Pissarides. Thirty-five lectures, Michaelmas and Lent Terms.
For M.Sc. final yr.

Description of course The course will provide students with an introduction to modern monetary analysis and with a unified treatment of important topics in current monetary theory and applied monetary economics.

Ec228(a) Classes

Ten classes, Michaelmas and Lent Terms.

Ec229 Banking and Monetary Policy

Mr Alford. Ten lectures, Michaelmas Term.
For M.Sc. final yr. and other interested students.

Ec230 Macro-Economic Policy

Professor Sargent. Eight fortnightly lectures, Michaelmas and Lent Terms.
For M.Sc. final yr. and other interested students.

Ec231 Welfare Analysis for Transport Economics

Dr Glaister. Five lectures, Michaelmas Term.
For M.Sc. final yr.

Ec232 Economics of Transport: Road and Rail

Professor Foster. Five lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. main field Geog.; Dip. Geog.; M.Sc. final yr.

Ec233 Economics of Transport (i) Aviation

Professor Day. Five lectures, Lent Term.
This course may not be given in 1981-82.

For M.Sc. final yr.

Syllabus The applications of economics to aviation and airports. Airport pricing policy. Airport location studies.

(ii) Shipping and Ports

Professor Bennathan. Four lectures, Summer Term.
For M.Sc. final yr.

Syllabus Cost structure, organization of shipping and demand; conferences and competition and government regulations. Technological change.

Recommended reading Rochdale Report; E. Bennathan and A. A. Walters, *The Economics of Ocean Freight Rates*.

Ec232/233(a) Transport Economics (Class)

Sessional.

Ec234 Transport Economics (Seminar)

Professor Foster and Dr Glaister. Fortnightly, Lent Term.
Presentation and discussion of papers by research students, staff members and visitors.

Note Students should also attend course Ec150 Transport Economics Treated Mathematically.

Ec235 Elementary Cost-Benefit Analysis and Valuation of Intangibles

Professor Foster. Six lectures, Lent Term.
For M.Sc. final yr.

Ec236 The Economics of Public Finance

Professor Prest. Twenty lectures, Michaelmas and Lent Terms.
For M.Sc. final yr.

Description of course The lectures will examine in detail the role of the public sector in the modern economy. This will lead to discussion of the problems of public goods, externalities and their interrelations. Problems of the optimum supply of particular government services will also be discussed. Taxes on personal and corporate income, expenditure, value added and wealth will be analysed in detail.

Selected reading R. A. Musgrave, *The Theory of Public Finance*; R. A. Musgrave, *Fiscal Systems*; J. E. Meade, *The Structure and Reform of Direct Taxation*; A. S. Blinder, R. M. Solow *et al.*, *The Economics of Public Finance*; A. R. Prest and N. A. Barr, *Public Finance in Theory and Practice*, 6th edn.; C. S. Shoup, *Public Finance*; R. A. Musgrave and P. B. Musgrave, *Public Finance in Theory and Practice*, 3rd edn.; A. B. Atkinson and J. E. Stiglitz, *Lectures on Public Economics*.

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Ec237 Seminar in Public Sector Economics

Professor Prest. Fortnightly, Sessional.
For M.Sc. final yr. Others may attend by permission of the teacher concerned.

Ec238 Public Enterprise Economics

Professor Bös. Six hours, Lent Term.
For M.Sc. final yr.
Description of course Pricing and investment policies of public enterprises.

Ec239 The Economics of Multilevel Government

Dr Le Grand. Five lectures, Michaelmas Term.

For M.Sc. final yr.

Description of course The problems posed by different levels of government authority, e.g. the optimum multilevel structure of authority and the sort of fiscal relationships which should exist among the different levels of authority, both in terms of equity and the allocation of resources. The emphasis will be on the theoretical rather than the institutional aspects of the subject. A background knowledge of the theory of public goods would be useful.

Recommended reading W. Oates, *Fiscal Federalism*.

Ec240 Economics of Industry

Professor Yamey. Twenty lectures of one-and-a-half hours, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course Analysis of the structure of industries: size of plants and firms; concentration; vertical integration; specialisation and diversification; new entry. The relation between industrial structure, forms of competitive behaviour, and economic performance.

Selected reading G. J. Stigler, *The Organisation of Industry*; F. M. Scherer, *Industrial Market Structure and Economic Performance*; Goldschmid, Mann and Weston (Eds.), *Industrial Concentration: The New Learning*; O. E. Williamson, *Markets and Hierarchies*; R. Posner, *Antitrust Law: An Economic Perspective*.

Ec240(a) Classes
Lent and Summer Terms.

Ec242 The Economics of Less Developed Countries

Mr Steuer. Twenty lectures, Michaelmas and Lent Terms. For M.Sc. final yr.; Optional for Dip. Soc. Plan.

Description of course Standard topics in development economics are treated at an advanced level. Attention is given to explanations of underdevelopment and to policies intended to raise income in low income countries. Modern techniques of modelling, testing theories, and estimating relationships are applied to a variety of issues. These include the question of peasant rationality, public finance in less developed countries, international trade policy, macro management, aid, population problems and migration. Emphasis is placed on recent literature.

Recommended reading Most of the reading for the course will come from journal articles which will be circulated at the beginning of the course. The following books may also prove useful: H. Barnum and L. Squire, *A Model of an Agricultural Household*; P. T. Bauer, *Dissent on Development*; H. Chenery and M. Surquin, *Patterns of Development 1950-1970*; R. Findlay, *International Trade and Development Theory*; Y. Hayami and V. Ruttan, *Agricultural Development*; H. Myint, *Economic Theory and the Underdeveloped Countries*; L. Reynolds, *Image and Reality in Economic Development*; P. Yotopoulos and J. Nugent, *Economics of Development*.

Ec243 Seminar on the Economics of Less Developed Countries

Professor Myint and Mr Steuer. Michaelmas and Lent Terms, in conjunction with Course Ec242. Admission will normally be restricted to graduate students working in this field and will be by permission of Professor Myint, to whom application should be made in writing.

Ec244 Aspects of Economic Development (Classes)

Fifteen classes, Lent and Summer Terms.

Ec245 Soviet Economic Development

Professor Wiles and Mr A. Smith. Twenty-five lectures, Michaelmas and Lent Terms.

For M.Sc. final yr. Also suitable for undergraduates.
Description of course The changing institutional framework and mechanisms of the economy, 1917-70: their intellectual origins; the actual performance of the economy. Parallel problems in other communist countries.

Recommended reading N. Spulber, *The Soviet Economy*, 2nd edn.; P. J. D. Wiles, *The Political Economy of Communism*; H. Schwartz, *Russia's Soviet Economy*, 2nd edn.; *Political Economy* (the official Soviet textbook); A. Nove, *Economic History of the USSR*.

Further reading will be given during the course.

Ec246 Economic Problems of the Communist World (Seminar)

Professor Wiles and Dr Gomulka. Sessional.

For M.Sc. final yr. Admission by permission of Professor Wiles or Dr Gomulka.

Ec247 National Economic Planning: Command-type and Indicative

For M.Sc. final yr.

(i) Quantitative Methods

Dr Gomulka. Twenty lectures, Lent Term.

Description of course Aggregative, input-output and programming models. Convex programming, shadow prices and decentralised procedures. Methods of balances and the French FiFi model.

(ii) The actual Implementation of Plans: the Range of possible Social and Economic Mechanisms

Professor Wiles. Ten lectures, Michaelmas Term.

Recommended reading A. Brody and A. Carter (Eds.), *Contributions to Input-Output Analysis*, Vol. 1, 2; Ely Devons, *Planning in Practice*; R. Eckaus and K. Parikh, *Planning for Growth*; Bertram M. Gross, *Action under*

Planning; L. Goreux and A. Manne (Eds.), *Multilevel Planning*; G. Heal, *The Theory of Economic Planning*; L. Johansen, *Lectures in Macroeconomic Planning*, Vols. 1 and 2; D. Liggins, *National Economic Planning in France*; P. Bauchet, *Planning, The French Experience*; C. Blitzer, P. Clark and L. Taylor (Eds.), *Economy-wide Models and Development Planning*; M. Bor, *The Aims and Methods of Soviet Planning*; A. Nove and D. M. Nuti (Eds.), *Socialist Economics*; A. Qayum, *Techniques of National Economic Planning*.

Ec248 Planning and Comparative Economics (Seminar)

Dr Gomulka and Professor Wiles. Sessional.

For M.Sc. final yr. Attendance is by permission of Dr Gomulka or Professor Wiles.

Ec249 System Control, Stability and Game-Theoretic Approach to Planning

Dr Zauberman. Fifteen lectures, Lent and Summer Terms.

For M.Sc. final yr. **Recommended reading** will be given at the beginning of the course.

Ec250 Economics of Education and Manpower Planning

Dr Psacharopoulos. Ten lectures, Michaelmas Term.

This course will not be given in 1981-82.

For M.Sc. final yr.; Dip. Soc. Plan. and other graduate students.

Description of course Principles of private and social educational choice. Education and income distribution. Screening. The contribution of education to economic growth. The brain drain. Education and employment. Economic models of educational planning.

Recommended reading M. Blaug, *An Introduction to the Economics of Education*; G. Psacharopoulos, *Returns to Education*; P. R. G. Layard and G. Psacharopoulos, "The Screening Hypothesis and the Returns to Education", *Journal of Political Economy*, September/October 1974; A. Marin and G. Psacharopoulos, "Schooling and income distribution", *Review of Economics and*

Statistics, 1976; E. Denison, *Why Growth Rates Differ?*; M. Blaug, *Education and the Development Problem in Developing Countries*; G. Psacharopoulos, "The macro-planning of education: A clarification of issues", *Comparative Education Review*, June 1975.

Note Students are also referred to course Ec227 Labour Economics.

Ec253 Urban Economics (Seminar)

Professor Foster, Mr Jackman and Dr Whitehead. Fortnightly, Lent Term.

For interested graduate students.

Ec254 Marx, Walras and Keynes in the Light of Contemporary Economic Analysis

For M.Sc. final yr.

(i) Value and Methodology

Professor Wiles, Michaelmas Term.

Syllabus Ricardo's and Marx's micro-economics: Labour theory of value. Theory of exploitation. Transformation problem. The methodology of Smith, Ricardo, Marx, the Historical School, the Marginalists, Keynes, Friedman. **Recommended reading** K. Marx, *Capital* Vol. I chaps. 1-3, Vol. III chap. 12; M. Morishima, *Marx's Economics*; P. A. Samuelson in *Journal of Economic Literature* June 1971; Piero Mini, *Philosophy and Economics* chap. 13; M. Friedman, "The Methodology of Positive Economics" in his *Essays in Positive Economics*; P. Wiles in *J.P.K.E.* 1979.

(ii) Marx, Keynes and the Neo-Classicals

Dr Desai. Lent and Summer Terms.

Syllabus Theory of a monetary economy as contrasted to a barter economy in the writings of Marx, Wicksell, Walras, Hayek, Myrdal and Keynes.

(I) Marx's three circuits of capital and the theory of money and accumulation.

(II) Wicksell's theory of monetary equilibrium and its critique and reformation

by Myrdal, Hayek and Keynes. (III) Keynes' General Theory as a monetary theory of production. (IV) Money in a Walrasian general equilibrium model.

Recommended reading Marx, *Capital* Vol.2; M. J. Desai, *Marxian Economics*; K. Wicksell, *Interest and Prices, Lectures in Political Economy* Vol. 2; G. Myrdal, *Monetary Equilibrium*; F. Hayek, *Prices and Production*; J. M. Keynes, *A Treatise on Money*, Vol. 1; *General Theory of Employment, Interest and Money*; E. R. Weintraub, *Microfoundations of Macroeconomics*.

Ec254(a) Class

Twenty classes.

Ec255 Economic Organisation of the European Community

Professor Dorrance and Mr.

Papanicolaou. Sessional.

For M.Sc. final yr.

Description of course A selection of the key economic issues in the process of European integration will be examined. Students will be encouraged to follow one of these topics in the form of a seminar paper. The issues covered will include customs union, monetary union, agricultural policy, and fiscal harmonization. The series of seminars concurrent with the course will include both outside speakers and student presentations.

Recommended reading F. Machlup, *A History of Thought on Economic Integration*; F. Machlup (Ed.), *Economic Integration, Worldwide, Regional, Sectoral*; J. Meade, *The Theory of Customs Union*; D. Swann, *The Economics of the Common Market*; A. M. El-Agraa, *The Economics of the European Community*.

Ec256 Economic Organisation of the European Community Seminar

Professor Wiles, Professor

Dorrance and others. Michaelmas and Lent Terms.

For M. Sc final yr.

Ec257 Basic Economic Concepts

Professor Dorrance. Twenty lectures, Michaelmas Term.

Syllabus A survey of some of the basic concepts and non-mathematical approaches widely used in the analysis of economic problems. This course is intended for students taking degrees in departments other

than Economic History, Economics and Statistics, Computing, Demography, Mathematics and Operational Research who consider that their previous training in economic theory is not adequate for the analysis of some of the problems that arise in their work.

Ec258 The Economics of Inequality

Professor Atkinson, Dr Cowell and Dr Shorrocks. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc. final yr.

Description of course Concepts of justice. The measurement of inequality and poverty. Theories of income and wealth distribution. Public policy towards income and wealth inequality.

Background reading A. B. Atkinson, *The Economics of Inequality*.

Recommended reading will be given at the beginning of the course.

Ec258(a) Classes

Five classes, Lent and Summer Terms.

Ec259 Seminar on Economic Inequality

Professor Atkinson, Dr Cowell and Dr Shorrocks. Five seminars, Lent Term.

For M.Sc. final yr.

Ec260 The Relationship between Industrial Structure and Technological Change

Professor Dasgupta. Ten lectures, Lent Term.

For M.Sc. final yr.

Syllabus These ten lectures, somewhat theoretical in orientation, will examine models that enable one to study the relationship between market structure and the nature of technological change when both are endogenous. The aim will be to develop simple game theoretic models that will enable one to make contact with several stylized observed relationships between industrial structure and the pace of innovative activity.

Ec261 Inventive Activity, Diffusion and the Dynamics of Long-Term Growth

Dr Gomulka. Ten lectures, Lent Term.

For M.Sc. final yr.

Syllabus Measures of short and long term effects of technological change on outputs and prices in the n-sector case. Neoclassical versus evolutionary theory of innovation. Optimal direction of technological change. Optimal size of the R & D sector. Models of technological diffusion and growth. Interpretation of the variation in innovation and productivity growth among countries and over time.

Ec262 Institutional and Cultural Factors in Technological Change

Professor Wiles. Six lectures.

Michaelmas Term.

For M.Sc. final yr.

Recommended reading E. Mansfield, *The Economics of Technological Change*; J. Needham, *The Grand Titration*; NATO Directorate of Economic Affairs, *East-West Technological Cooperation*, Brussels, 1976; P. Wiles in *Lloyds Bank Review*, 1978; E. Zaleski et al. *Science in the USSR*.

Ec263 Technological Change and Transfer Seminar

Professor Wiles. Lent Term.

For M.Sc final yr.

ADVANCED COURSES IN ECONOMETRICS AND MATHEMATICAL ECONOMICS

Ec300 Preliminary-Year Seminar in Economics

Professor Atkinson and Professor Dasgupta. Michaelmas and Lent Terms.

For M.Sc. prelim. yr.

Ec301 Preliminary-Year Seminar in Econometrics

Professor Gorman. Sessional.

For M.Sc prelim yr.

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Ec302 Graduate Seminar for Advanced Quantitative Economics

For M.Sc. final yr.

(i) Dr Desai and others.

Michaelmas Term.

For students taking Quantitative Economics I.

Emphasis will be on model building and estimation.

Recommended reading J. S. Cramer, *Empirical Econometrics*; J. K. Evans, *Macro-Economic Activity*; K. F. Wallis, 'Some Recent Developments in Applied Econometrics: Dynamic Models and Simultaneous Equation Systems' in *Journal of Economic Literature*, 1969; C. F. Christ (Ed.), *Measurement in Economics*; M. Desai, *Applied Econometrics*; M. C. Mueller (Ed.), *Readings in Macro-Economics*; A. Zellner (Ed.), *Readings in Economic Statistics and Econometrics*.

(ii) Lecturer to be announced. Lent Term.

For students taking Quantitative Economics II.

Emphasis will be on the implications for economic theory and policy of work in quantitative economics. Students who have written extended essays will be given an opportunity to present them to this seminar.

Ec303 Advanced Quantitative Economics I and II

Professor Nickell and Dr Desai.

Twenty lectures, Michaelmas and Lent Terms.

For M.Sc final yr.

Syllabus The lectures will be devoted to the same topics as the seminar. In the first term methodological topics will be covered such as: regression methods, non-linear estimation procedures, forecasting with applications to rational expectation models, optimal control models and models of the firm. In the second term the course will be devoted to modern macro-economics and the relevance of the econometric studies in this area.

Recommended reading for the first term as for course Ec302. For the second term readings will be provided at the beginning of the course.

Ec304 Macro-Economic Models

Mr Pudney. Five lectures, Summer Term.

For M.Sc. final yr.

Ec305 Equilibrium and Information
Mr Repullo. Ten lectures,
Michaelmas Term.
For M.Sc. final yr.
Students will be expected to be familiar with
the work for the undergraduate paper
Mathematical Economics.

Ec306 Sequence Economies
Dr Gale. Fifteen lectures, Lent
Term.
For M.Sc. final yr.
Students will be expected to be familiar with
the work for the undergraduate paper
Mathematical Economics.
Syllabus Existence of equilibrium for
generalized games and extensions.
Equilibrium with differential and market-
dependent information. Rational
expectations and informational efficiency of
equilibrium. Cooperative games and their
relation to market equilibria. Equivalence
theorems. Large numbers and convexity.
Limit theorems for finite economies.
Existence and efficiency of equilibrium when
markets are incomplete. Alternative
definitions of equilibrium in a sequence of
markets and their characterizations. Theory
of the firm and stockmarkets. The role of
money and other assets. Conjectural
equilibrium and rational conjectures.
Sequential market games.
Students are also referred to courses Ec311
Intertemporal Economics; Ec312 Duality,
Programming and Economic Theory; Ec217
Theory of Economic Growth.

**Ec307 Further Topics in Advanced
Mathematical Economics**
Professor Hahn. Ten lectures,
Michaelmas Term.
For M.Sc. final yr.
Students will be expected to be familiar with
the work for the undergraduate paper
Mathematical Economics.

Ec308 Collective Choice
Professor Sen. Fifteen hours,
Sessional.
For M.Sc. final yr.
Students will be expected to be familiar with
the work for the undergraduate paper
Mathematical Economics.

**Ec309 Organization and
Information**
Dr Gale. Ten lectures, Michaelmas
Term.
For M.Sc. final yr.
Students will be expected to be familiar with
the work for the undergraduate paper
Mathematical Economics.

Ec310 Public Economics
Dr Horsley. Ten lectures, Lent
Term.
For M.Sc. final yr.
Students will be expected to be familiar with
the work for the undergraduate paper
Mathematical Economics.
Syllabus Recent advances in collective choice
theory. Revelation of preferences and
incentive-compatibility. The implementation
problem and informational constraints on
planning. Equity, efficiency and freedom.
Public goods and externalities. Public
production decisions. Optimal commodity
and income taxation.
Students are also referred to courses Ec311
Intertemporal Economics; Ec312 Duality,
Programming and Economic Theory; Ec217
Theory of Economic Growth.

**Optional courses in Economic
Theory for students in M.Sc. final
year taking Ec305, Ec306, and
Ec307 or Ec308, Ec309 and Ec310**

Ec311 Intertemporal Economics
Dr Lane. Ten lectures, Michaelmas
Term.
Syllabus Exhaustible resources, optimum
population growth and intergenerational
equality.

**Ec312 Duality, Programming and
Economic Theory**
Dr Horsley. Ten lectures, Lent
Term.
Syllabus Optimisation in infinite dimensional
spaces. Measure and integration.
Applications to quality equilibrium and
economics of uncertainty.

**Ec313 Seminar in Mathematical
Economics**
Professor Dasgupta, Professor
Gorman and Dr Gale. Fortnightly,
Sessional.
For M.Sc. final yr.

**Ec314 Asymptotic Theory for
Econometrics**
Professor Hendry. Ten hours,
Michaelmas Term.
For M.Sc. final yr.
Description of course Probability limits,
asymptotic distribution functions, mean
square convergence, stochastic orders of
magnitude, central limit theorems.
Maximum likelihood estimation, likelihood
ratio tests.
References H. Cramer, *Mathematical
Methods of Statistics*; C. R. Rao, *Linear
Statistical Inference and its Applications*.

**Ec315 Advanced Econometric
Theory**
Professor Hendry. Forty hours,
Michaelmas Term.
For M.Sc. final yr.
Description of course Simultaneous dynamic
models. Instrumental variables. Two-stage
and three-stage least squares. Limited and
full information maximum likelihood
estimates. Significance tests.
Recommended reading P. Schmid,
Econometrics; H. Theil, *Principles of
Econometrics*; E. Malinvaud, *Statistical
Methods of Econometrics*.

**Ec316 Bayesian and Decision
Theory Methods**
Dr O'Brien. Ten lectures, Lent
Term.
For M.Sc. final yr.

Ec317 Details to be announced.

Ec318 Monte Carlo Methods
Professor Hendry. Five lectures,
Michaelmas Term.
For M.Sc. final yr.
Description of course Theory of Monte Carlo
simulation, variance reduction methods,
response surfaces, applications.

**Ec319 Statistical Forecasting and
Control**
Mr Harvey. Ten lectures, Lent
Term.
For M.Sc. final yr.
Description of course Parametric-model
methods, e.g. Box-Jenkins/Kalman Theory.
Exponential smoothings.

**Ec320 Non-Linear Techniques in
Econometrics**
Mr Davidson. Ten lectures, Lent
and Summer Terms.
Description of course Numerical methods for
non-linear optimization. Applications to
autoregressive models.

Ec321 Seminar in Econometrics
Dr Desai and Mr Harvey.
Fortnightly, Sessional.
For M.Sc. final yr.

ADVANCED COURSES IN REGIONAL AND URBAN PLANNING STUDIES

**Ec400 Elements of Urban and
Regional Economics**
Dr Whitehead. Seventeen lectures,
Michaelmas and Lent Terms.
For M.Sc. final yr.
Determinants of residential and industrial
location; city and regional income
determination, growth and decline;
government intervention; problems of
externalities, the provision of local public
goods, investment and output decisions,
pricing, taxation and subsidy within an urban
and regional context. Distributional aspects
of urban and regional decisions. Inter-area
trade.
Recommended reading H. Richardson,
Regional and Urban Economics; K. J.
Button, *Urban Economics; Theory and
Policy*; H. Armstrong and J. Taylor,
Regional Economic Policy and its Analysis;
G. McCrone, *Regional Policy in Britain*; L.
Needleman, *Economics of Housing*.
Further reading will be suggested at the
beginning of the course.
Students should also attend Course No.
Ec235.

Ec400(a) Classes

Ten classes, Michaelmas and Lent Terms.

Ec401 Seminar in Regional and Urban Economics

Professor Day and Mr Jackman. Fifteen meetings, Lent and Summer Terms.

M.PHIL./PH.D. IN ECONOMICS

Ec410 Topics in Economic Analysis

Professor Atkinson, Dr Sutton and others. Fifty hours, Sessional.

Description of course The course will provide selective coverage of promising research areas in economics.

Ec411 Seminar in Research Strategy

Mr Steuer and Dr Desai. Twenty hours, Michaelmas and Lent Terms.

Description of course The seminar will emphasize the selection of research topics and the design of feasible research programmes.

OTHER ADVANCED COURSES

For courses intended primarily for M.Sc. students, see under the appropriate M.Sc. heading.

Ec450 Money and Macro-Economics Workshop

Mr Alford and Dr Pissarides. Sessional.

The workshop is for academic staff, research students, academic visitors and others invited to attend. On occasion M.Sc. students may attend by permission. It will cover theory, empirical testing and current problems and policy in the field of monetary and macro-economics.

Ec451 Workshop in Labour Economics

Professor Layard. Fortnightly, Lent Term.

The workshop will consider current research in Labour Economics.

Ec452 Seminar on Unemployment

Professor Layard. Fortnightly, Sessional.

This is primarily a staff seminar, but students wishing to attend should ask Professor Layard.

Ec453 Seminar for Research Students in Economics

For all students registered for M.Phil. or Ph.D. degrees in Economics.

The seminar meets weekly throughout the academic year. The basic purpose of the seminar is to present and discuss work which bears on the problems of selecting and defining research topics, and work which bears on the successful execution of economic research. The approach is informal and an emphasis is placed on allowing adequate time, more than one week on a single paper if necessary, so that questions raised by the speaker or the participants may be satisfactorily resolved. Members of the seminar may suggest and agree on inviting outside speakers. The majority of the papers consist of students' research work at various stages of progress. For suggestions or questions contact Mr Steuer.

Ec454 Econometrics Laboratory

Professor Atkinson and others. Lent and Summer Terms.

For M.Phil. and Ph.D. students in Economics.

The Laboratory meets and discusses practical aspects of econometric work including computing, data interpretation, model building and equation specification. Empirical work is presented and the topics to be evaluated are decided by the participants.

Economic History

EH100 The Economic History of Great Britain and the U.S.A., 1850-1939

Mr Baines and Mr Potter.

Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u.

Syllabus The course will cover the major aspects of the British and American economies from the mid-nineteenth century until World War II. An additional theme will be the development and breakdown of the international economy. The course is intended as an introduction for both specialist and non-specialist students.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850*; J. D. Chambers, *The Workshop of the World*; W. A. Lewis, *Economic Survey, 1919-1939*; J. Potter, *The American Economy between the World Wars*; R. S. Sayers, *A History of Economic Change in England, 1880-1939*; C. C. Spence, *The Sinews of American Capitalism*; P. Temin, *Causal Factors in American Economic Growth in the Nineteenth Century*; E. Hobsbawm, *Industry and Empire 1750-1950*; G. Holmes, *Britain and America: A Comparative Economic History, 1850-1939*. FOR REFERENCE G. C. Allen, *British Industries and their Organisation* (1959 or 1961 edn.); H. C. Allen and C. P. Hills (Eds.), *British Essays in American History*; W. Ashworth, *An Economic History of England, 1870-1939*; A. C. Bolino, *The Development of the American Economy*; M. A. Jones, *American Immigration*; P. Mathias, *The First Industrial Nation*; G. Porter, *The Rise of Big Business, 1890-1910*; H. N. Scheiber (Ed.), *United States Economic History: Selected Readings*; P. B. Trescott, *Financing American Enterprise*; H. F. Williamson (Ed.), *The Growth of the American Economy*; L. J. Williams, *Britain and the World Economy, 1919-70*; A. Harrison, *The Framework of Economic Activity*.

EH100(a) Classes

Twenty-four classes, Sessional.

EH101 Modern British Society in Historical Perspective

Dr Earle, Dr Hunt, Mr Falkus, Dr Hannah, Dr C. M. Lewis and

Professor Wrigley. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part I; Trade Union Studies.

Syllabus This course is intended for all students who wish to have an historical background to present-day events and not just for those who are proposing to read Economic History in Part II. The three main landmarks in Britain's economic and demographic growth – the later eighteenth century, the later nineteenth century and the years just after the Second World War – will be considered first of all, followed by such topics of current interest as imperialism, the rise of big business, urbanization, poverty, the changing role of women and of the state, class structure, industrial relations, leisure and the media, studied against this broad historical background. Emphasis will be placed upon developments since 1945.

Recommended reading The session's complete programme of lectures and classes (specifically linked to the lectures) and associated reading will be distributed at the beginning of the course.

EH101(a) Classes

Twenty-four classes, Sessional.

EH102 English Economic History in its European Background from 1603 to 1830

Dr Earle. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Recommended reading will be given at the beginning of the course.

EH102(a) Classes

Twenty classes, Michaelmas and Lent Terms.

EH103 Economic and Social History of Britain from 1815

Dr Hunt. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus Topics include population trends, economic growth and retardation, incomes, the growth of government intervention in the

economy, agriculture, industry, transport, banking and finance, industrial relations and trade; education, the poor law, women in history.

Recommended reading will be given at the beginning of the course.

EH103(a) Classes

Eighteen classes, Michaelmas and Lent Terms.

EH104 The English Society in the Nineteenth Century

Professor Erickson, Mr Baines and Dr L. Brown. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc. Optional for B.Sc. S.S and A.

Syllabus The Population: disease and death; fertility and marriage; internal migration and urbanization; overseas emigration; Irish immigration.

Social structure, occupations of the people and social mobility: on the land: landowners, farmers and labourers; in towns: businessmen, the working classes, women, immigrants, professional people. Institutions of Victorian Britain: the family, friendly societies and building societies; the temperance movement; trades unions; the press; education; religion; patterns of leisure; structure of central and local government.

Social reform movements: social composition, methods and aims.

Recommended reading R. D. Altick, *The English Common Reader, 1800-1900*; Michael Anderson, *Family Structure in Nineteenth Century Lancashire*; W. A. Armstrong, *Stability and Change in an English Country Town*; W. Ashworth, *The Genesis of Modern British Town Planning*; J. A. Banks, *Prosperity and Parenthood*; G. F. A. Best, *Mid-Victorian Britain*; A. Briggs, *Victorian Cities*; (Ed.), *Chartist Studies*; W. L. Burn, *The Age of Equipose*; O. Chadwick, *The Victorian Church*; S. G. Checkland, *The Rise of Industrial Society in England, 1815-85*; G. Kitson Clark, *The Making of Victorian England*; S. D. Chapman (Ed.), *The History of Working-Class Housing*; H. J. Dyos, *Victorian Suburb, A Study of the Growth of Camberwell*; Derek Fraser (Ed.), *The New Poor Law in the Nineteenth Century*; W. H. Fraser, *Trade Unions and Society, 1850-80*; A. D. Gilbert, *Religion and Society in Industrial England*; P. H. J. H. Gosden,

Self-Help: Voluntary Associations in the Nineteenth Century; H. Grisewood (Ed.), *Ideas and Beliefs of the Victorians*; H. J. Hanham, *Elections and Party Management*; Brian Harrison, *Drink and the Victorians*; J. F. C. Harrison, *The Early Victorians*; E. P. Hennock, *Fit and Proper Persons*; M. Hewitt, *Wives and Mothers in Victorian Industry*; E. Hobsbawm, *Labouring Men*; P. Hollis, *The Pauper Press*; John Hurt, *Education in Evolution*; D. Jones, *Chartism and the Chartists*; G. Stedman Jones, *Outcast London*; D. Lockwood, *The Blackcoated Worker*; Hugh McLeod, *Class and Religion in the late Victorian City*; H. E. Meller, *Leisure and the Changing City, 1870-1914*; T. J. Nossiter, *Influence and Opinion and Political Idioms in Reformed England, 1832-74*; Peter Payne, *British Entrepreneurship in the Nineteenth Century*; H. J. Perkin, *The Origins of Modern English Society, 1780-1880*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; D. Phillips, *Crime and Authority in Victorian England*; D. Roberts, *Victorian Origins of the British Welfare State*; D. Read, *Press and People, 1790-1850*; J. Saville, *Rural Depopulation in England and Wales, 1851-1951*; (Ed.), *Democracy and the Labour Movement*; N. Smelser, *Social Change in the Industrial Revolution*; F. M. L. Thompson, *English Landed Society in the Nineteenth Century*; J. J. Tobias, *Crime and Industrial Society in the Nineteenth Century*; M. Wright, *Treasury Control of the Civil Service, 1854-74*.

EH104(a) Classes

Twenty classes, Sessional.

EH105 Economic History of Western Europe from 1815

Dr Kennedy. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.

Syllabus This is an outline course on the economic development of Western Europe since 1815. Attention will be focused on changes in France, Germany, Holland, Belgium and Sweden, but reference will also be made to the experiences of Spain, Italy, Switzerland, Denmark, and Norway. The first half of the course will deal with the process and consequences of industrialization before 1914. The second half will consider the sequence of economic disintegration and integration which had characterized Western Europe since 1914,

concluding with an examination of the emergence of the European Economic Community.

Preliminary reading S. Kuznets, *Modern Economic Growth*; J. Mokyr, *Industrialization in the Low Countries, 1795-1850*; D. S. Landes, *The Unbound Prometheus*; H. J. Habakkuk, *Population Growth and Economic Development Since 1750*; I. Svennilson, *Growth and Stagnation in the European Economy*; F. Caron, *An Economic History of Modern France*; A. S. Milward, *The German Economy at War*; J. R. T. Hughes, *Industrialization and Economic History*; A. Shonfield, *Modern Capitalism*.

EH105(a) Classes

Twenty-five classes, Sessional.

EH106 Economic History of the United States of America

(i) 1790-1865

Mr Potter. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus Economic problems and policies in the first decades of the American republic. Consideration of factors influencing American economic development before and during the Civil War: the frontier and access to natural resources; supply of capital and the evolution of financial institutions; supply and recruitment of labour; invention and innovation.

Developments in transport, agriculture and industry: the financing and construction of canals and railroads; the disposal of public lands and the westward movement; the first phase of growth in manufacturing. Governments and economic life: federal and state finance; role of governments in the growth of the economy. The U.S.A. and the outside world: Atlantic economy; trade and shipping; migration and capital importation; economic fluctuations.

(i)(a) Classes

Ten classes, Michaelmas Term.

(ii) 1865-1929

Professor Erickson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.; M.A. (Area Studies).

Syllabus The aftermath of the Civil War. The completion of railroad building and

territorial settlement. Agricultural expansion: foreign and domestic markets. Population: immigration; geographic dispersion and occupational structure; labour and trade unions.

Regional variations: economic problems of the agrarian West and South; growth of industries in new areas; distribution and marketing. The capital market. Urbanisation.

The rise of modern industry in the U.S.A.; changes in industrial structure; mass production and mass marketing. New means of transport and new forms of industrial energy.

Role of governments in economic life.

Protest movements: populism and progressivism and the response of government. The first World War and its economic consequences.

Economic fluctuations.

(ii)(a) Classes

Ten classes, Lent Term.

(iii) The U.S.A. since 1930

Mr Potter, Professor Erickson and others. Summer Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; graduate students.

Syllabus Economic and other aspects of the New Deal. The American economy since 1945.

Programme, dates and names of speakers will be available before the first meeting.

Recommended reading (i)-(iii) The most suitable work for this course is R. M. Robertson and G. Walton, *History of the American Economy* (4th edn., 1979). Valuable introductory reading will be found in H. C. Allen and C. P. Hill (Eds.), *British Essays in American History* (1957); F. Thistlethwaite, *The Great Experiment* (1955). Other useful textbooks include: W. E. Brownlee, *Dynamics of Ascent, a History of the American Economy* (1974); S. Bruchey, *The Roots of American Economic Growth, 1607-1861*; L. E. Davis and others, *American Economic History* (1961); L. E. Davis and others, *American Economic Growth* (1972); D. C. North, *The Economic Growth of the United States, 1790-1860*; J. Peterson and R. Gray, *Economic Development of the United States* (1969); H. N. Scheiber, H. Vatter and H. U. Faulkner, *American Economic History* (1976). Other works: R. Andreano (Ed.), *The Economic Impact of the American Civil War*;

A. G. Bogue, *From Prairie to Corn Belt*; A. D. Chandler, *The Visible Hand*; L. V. Chandler, *America's Greatest Depression, 1929-41*; A. W. Coats and R. M. Robertson, *Essays in American Economic History*; S. Coben and F. G. Hill, *American Economic History: Essays in Interpretation*; C. Danhof, *Change in Agriculture in the Northern United States, 1820-70*; C. J. Erickson, *Invisible Immigrants*; A. Fishlow, *American Railroads and the Transformation of the Ante-Bellum Economy*; R. W. Fogel and S. L. Engerman, *Time on the Cross*; M. Friedman and A. J. Schwartz, *A Monetary History of the United States, 1867-1960*; P. W. Gates, *The Farmer's Age, Agriculture, 1815-1860*; C. L. Goodrich, *Government Promotion of American Canals and Railroads*; G. Green, *Finance and Economic Development in the Old South*; E. F. Haites, J. Mak and G. Walton, *Western River Transportation*; B. Hammond, *Banks and Politics in America from the Revolution to the Civil War*; R. Higgs, *Competition and Coercion: Blacks in the American Economy, 1865-1914*; J. R. T. Hughes, *The Governmental Habit*; E. C. Kirkland, *Industry Comes of Age, 1860-1897*; H. B. Lary, *The United States in the World Economy*; P. McAvoy, *The Economic Effects of Regulation*; Albro Martin, *Enterprise Denied*; National Bureau of Economic Research, *Trends in the American Economy in the Nineteenth Century and Output; Employment and Productivity in the U.S. after 1800* (Studies in Income and Wealth, Vols. 24 and 30); C. P. Nettels, *The Emergence of a National Economy, 1775-1815*; H. S. Perloff and others, *Regions, Resources and Economic Growth*; G. Porter and H. Livesay, *Merchants and Manufacturers*; J. Potter, *The American Economy between the World Wars*; Herbert Stein, *The Fiscal Revolution in America*; W. P. Strassman, *Risk and Technological Innovation*; R. Swierenga, *Pioneers and Profits*; G. R. Taylor, *The Transportation Revolution*; P. Temin, *Iron and Steel in Nineteenth-century America; Did Monetary Forces Cause the Great Depression?*; *The Jacksonian Economy*; R. Timberlake, *The Origins of Central Banking in the U.S.*; Brinley Thomas, *Migration and Economic Growth*; Gavin Wright, *The Political Economy of the Cotton South*.

EH108 Economic History of England, 1216-1603

Dr Bridbury. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist. 2nd yr.

Syllabus Agriculture and the structure of agrarian society; the development and functions of towns; the organisation of industry; internal and foreign trade; royal finance and the role of government in economic affairs; demographic and social change.

Recommended reading will be given during the course.

EH108(a) Classes

Dr Bridbury. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A. Soc. Anth. and Med. Hist. 2nd yr.

EH109 A Comparative Study of Modern Economic Development in Russia, Japan and India

Mr Falkus and others.

Twenty-three lectures, Sessional.

For B.Sc. (Econ.) Part II.

Syllabus The course will cover the broad trends in the economic development of Russia, Japan and India during the 19th and 20th centuries. The emphasis will be comparative, and the course will concentrate on the problems of economic growth. Particular attention will be paid to the impact of the international economy, and to the political environment in which development has taken place.

Preliminary reading A. Maddison, *Economic Growth in Japan and the U.S.S.R.*; M. E. Falkus, *The Industrialization of Russia, 1700-1914*; A. Nove, *An Economic History of the U.S.S.R.*; W. W. Lockwood, *The Economic Development of Japan*; A. J. Youngson (Ed.), *Economic Development in the Long Run*; D. R. Gadgil, *The Industrial Evolution of India*.

EH109(a) Classes

Twenty-three classes, Sessional.

EH110 Economic History of Latin America since Independence

Dr C. M. Lewis. Twenty-four lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus While examining themes which assume a continental dimension, emphasis will be placed upon a comparative study of

the economic growth and development of Argentina, Brazil and Mexico during the nineteenth and twentieth centuries. The course will consider, amongst other factors, the nature of national economic change, the causes and consequences of incorporation within the international economy, and the economics of recent socio-political developments.

Recommended reading C. F. Diaz Alejandro, *Essays on the Economic History of the Argentine Republic*; R. Cortes Conde, *The First Stages of Modernization in Spanish America*; W. P. Glade, *The Latin American Economies*; C. Furtado, *The Economic Growth of Brazil*; C. Furtado, *The Economic Development of Latin America*; E. Perez Lopez, *Mexico's Recent Economic Growth*; J. R. Scobie, *Revolution on the Pampas*; C. W. Reynolds, *The Mexican Economy*.

EH110(a) Classes

Twenty classes, Sessional.

EH111 Introduction to Quantitative Methods in Economic History

Mr Potter and Dr Kennedy. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; graduate students in Economic History and others interested.

Syllabus and **recommended reading** will be given during the course.

EH112 Problems in Social History (Seminar)

Professor Erickson and Mr Burrage. Fortnightly.

For B.Sc. (Econ.) Part II 2nd and 3rd yrs. and interested graduate students by permission.

EH113 Economic and Social History of England, 1377-1485 (Classes)

Dr Bridbury.

For B.Sc. (Econ.) Part II; M.Sc.

EH114 Economic and Social History of England 1660-1714 (Class)

Dr Earle.

For B.Sc. (Econ.) Part II; M.Sc.

EH115 Economic and Social History of England 1760-1825 (Class)

Mr Falkus and Dr Earle.

For B.Sc. (Econ.) Part II; M.Sc.

EH116 Britain and the International Economy, 1929-1936 (Class)

Mr Baines.

For B.Sc. (Econ.) Part II.

EH117 Problems in Quantitative Economic History (Class)

Mr Falkus and Dr Kennedy.

Fortnightly, Sessional.

For B.Sc. (Econ.) Part II.

EH118 Britain and the International Economy, 1919-1964 (Class)

Mr Baines.

For B.Sc. (Econ.) Part II; M.Sc.

EH130 British Labour History, 1815-1939

Dr Hunt and Mr Baines.

Twenty-two lectures and classes, Sessional.

For M.Sc. Other graduate students may attend by permission.

Syllabus Population growth and its economic and social implications; changes in the geographical distribution of population and the factors underlying mobility; immigration and emigration; the composition of the British labour force; the growth of trade unions, their organization and policy; the relationship between trade unionism and contemporary political movements; the emergence of a system of industrial relations; the state regulation of the conditions of work; the share of wages in the national income and the growth of real incomes; the problem of poverty and unemployment; working class self-help; co-operative distribution and friendly societies; the Poor Law and unemployment insurance; the role of education in the development of a labour force; the development of international labour organizations.

Recommended reading will be given at the beginning of the course.

EH131 History of Transport from the Turnpike to the Motorway

Professor Barker. Sessional.

This course will not be given in 1981–82.

For M.Sc. and other interested graduate students by permission.

Syllabus This course will concentrate upon the contribution of transport improvement to economic and social change rather than narrowly upon transport modes themselves. The different functions of water (river, canal and coastal) and road transport in the pre-railway period will be briefly considered and the railways' role in performing both will be stressed. The work on railways by modern economic historians in Britain and America will be studied, as will the provision of public transport in the rapidly-growing towns of the nineteenth century. At least half the course will be devoted to the rise of the motor industry in Europe and America during the twentieth century and the development of road/rail competition first in passenger and then in goods traffic. The problems of urban transport and international aspects of transport, and in particular the competition between air and sea travel, will also be covered in their historical context.

Recommended reading FOR REFERENCE

D. H. Aldcroft, *British Transport since 1914*; P. S. Bagwell, *The Transport Revolution*; T. C. Barker and C. I. Savage, *An Economic History of Transport in Britain*; H. J. Dyos and D. H. Aldcroft, *British Transport*.

A detailed reading list will be given at the beginning of the course.

EH132 The Sources and Historiography of the Economic History of England, 1350–1500 (Seminar)

Dr Bridbury. Sessional.

EH133 The Sources and Historiography of the Economic History of England in the Seventeenth Century (Seminar)

Dr Earle. Sessional.

For M.Sc. and all interested graduate students.

EH134 The Sources and Historiography of British Economic History from the later Eighteenth Century (Seminar)

Dr Kennedy and Mr W. M. Stern. Weekly, Sessional.

For M.Sc. Other graduate students may attend by permission.

EH135 Workshop in Economic History

Dr Kennedy and others.

(i) Weekly, Michaelmas and Lent Terms.

For research students.

(ii) Weekly, Lent and Summer Terms.

For M.Sc.

EH136 The Sources and Historiography of the Economic History of the U.S.A., 1890–1930 (Seminar)

Professor Erickson and Mr Potter. Sessional.

For M.Sc.; M.A. (Area Studies), and other interested graduate students.

EH138 Economic History of the Sixteenth and Seventeenth Centuries (Seminar)

Dr Earle. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

For research students.

EH139 Seminar on Modern Economic History

Professor Erickson. Fortnightly, Michaelmas and Lent Terms. At the Institute of Historical Research.

For research students.

EH140 American Population from Colonial Times to the Present (Seminar)

Mr Potter. Sessional.

For M.Sc.; M.A. (Area Studies), and other interested graduate students.

EH141 Economic History of the U.S.A., 1873–1939 (Seminar)

Professor Erickson. Sessional.

For M.Sc.; M.A. (Area Studies), and other interested graduate students.

Syllabus Both problems and achievements of the American economy during the period will be considered with attention to all

sectors of the economy. There will be an opportunity to examine particular industries, one or two cities, regional patterns as well as economic aspects of reform movements of the period.

EH142 Aspects of Latin American Economic History since Independence (Seminar)

Dr C. M. Lewis. Sessional.

For M.Sc.; M.A. (Area Studies), and other interested graduate students by permission.

Syllabus The course will provide a survey of Latin American economic development through a discussion of general themes and an examination of national case-studies. Essentially chronological in structure, the following topics comprise the main areas of study: economic and social aspects of independence; Latin America's role in the international economy (immigration and slavery, foreign investment and trade); industrialization; impact of the inter-war depression; problems of growth: agrarian reform; regional economic integration. At a more conceptual level the various theories of economic growth and development will be considered, as will the debate regarding mono-production, 'economic imperialism' and import substitution.

Recommended reading M. D. Bernstein, *Foreign Investment in Latin America*; F. Cardoso and E. Faletto, *Dependencia y Desarrollo en América Latina*; K. Duncan and I. Rutledge, *Land and Labour in Latin America*; C. Furtado, *Economic Development of Latin America*; W. P. Glade, *The Latin American Economies*; T. Halperin Donghi, *Historia Contemporánea de América Latina*; T. Halperin Donghi, *The Aftermath of Revolution in Latin America*; A. O. Hirschman, *A Bias for Hope*; D. C. M. Platt, *Latin America and British Trade*; S. J. Stein and B. Stein, *The Colonial Heritage of Latin America*; U.N.O., E.C.L.A., *Development Problems in Latin America*.

EH143 Quantitative Economic History Discussion Group

Mr Baines, Dr Kennedy and Professor Floud. Sessional.

For any interested students. At Birkbeck College.

EH144 Business and Accounting History (Seminar)

Dr Hannah. Michaelmas Term.

For M.Sc. final yr. and other interested graduate students.

Syllabus Accounting history and methods. Survey of the techniques and problems of business history. This will include the study of several of the more scholarly histories of British companies which have appeared since the early 1950's.

Preliminary reading T. C. Barker, R. H. Campbell, P. Mathias and B. S. Yamey, *Business History* (Historical Association pamphlet, 2nd edn. 1971); B. Supple (Ed.), *Essays in Business History* (1977); K. A. Tucker (Ed.), *Business History, Selected Readings* (1977); L. Hannah (Ed.), *Management Strategy and Business Development* (1976).

A full reading list, which will include a number of company histories, will be made available during the course.

Geography

Courses are given in the Joint School of Geography at the London School of Economics and at King's College, London. Academic arrangements are integrated and, in many courses, students may be taught in common by teachers of both colleges. However, the existence of college based syllabuses for the B.A. and B.Sc. degrees requires separate teaching provision for some courses. All students, including undergraduates registered for the B.Sc. (Econ.) degree, should note carefully the courses required to complete their specific degree requirements.

The Courses in this section of the Calendar are grouped according to the year in which they may be taken; 1st year, 2nd year and 3rd year. However, in the B.Sc. (Econ.) degree, some 1st year courses are available as outside options at Part II while, in the B.A. and B.Sc. degrees, some 2nd year options may be taken in the 3rd year. In Part II of the B.Sc. (Econ.) degree the required options are normally taken in the 3rd year.

Fieldwork: All students registered for B.A. and B.Sc. degrees in Geography by course units are required to attend a departmental field class during the first year of the course and to submit a written report. A number of second and third year course units require attendance at field classes and/or the carrying out of field work. Information will be given to students choosing these options. A proportion of examination marks may be allocated for field work in these units. B.Sc. (Econ.) students are not required to undertake fieldwork in Part II of the degree.

Gy100 Human Geography

Professor E. Jones, Dr Spence, Mr Green and Dr Yates. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog. 1st yr., Soc., Soc. Psych.

Syllabus An introduction to human geography. Concepts of "environment". The regional concept and its application to social, economic and political problems. An introduction to location problems. The location and form of urban settlements. Problems of urban growth and change. The changing distribution and structure of population. Recent developments in human geography.

Recommended reading J. Blunden *et al*,

Fundamentals of Human Geography; M. D. I. Chisholm, *Human Geography: Evolution or Revolution?*; H. C. Darby (Ed.), *A New Historical Geography of England*; D. Harvey, *Explanation in Geography*; W. G. Hoskins, *The Making of the English Landscape*; R. J. Johnston, *Geography and Geographers*; B. J. L. Berry, *The Human Consequences of Urbanisation*; E. Jones, *Towns and Cities*; P. Haggett, *Geography, A Modern Synthesis*; R. L. Morrill, *The Spatial Organisation of Society*; R. Abler *et al*, *Spatial Organisation*; B. J. L. Berry *et al*, *The Geography of Economic Systems*; B. J. L. Berry and F. Horton, *Geographic Perspectives on Urban Systems*; M. Bloch, *French Rural History*; H. C. Godwin, 'Beginnings of Agriculture in N.W. Europe', in J. Hutchinson (Ed.), *Crop Plant Evolution*; C. O. Sauer, *Agricultural Origins and Dispersals*.

Gy100(a) Human Geography Classes

Weekly, Sessional.

For B.Sc. (Econ.); B.Sc. c.u. main fields Soc., Soc. Psych.

Gy100(b) Human Geography Classes

Fortnightly, Sessional.

For B.A./B.Sc. c.u. main field Geog. 1st yr.

Gy101 Physical Geography

Dr Embleton, Dr M. Jones and Dr Rose. Sixty lectures, Michaelmas and Lent Terms.

Compulsory for B.A./B.Sc. c.u. main field Geog. 1st yr.

Syllabus The nature and development of physical geography and its component sciences. Global-scale considerations of energy, earth structure, plate tectonics, macro-atmospheric processes, ecosystems. Water in the atmosphere and on and in the Earth; drainage basins. Time and change: geochronology, biogeography and time, Ice Ages and glaciation, periglacial, climatic and sea-level change. Weathering, soils and man. Weather systems, climate and man. Pollution and conservation.

Recommended reading R. G. Barry and R. J. Chorley, *Atmosphere, Weather and Climate*;

W. D. Billings, *Plants, Man and the Ecosystem*; A. L. Bloom, *The Surface of the Earth*; K. W. Butzer, *Geomorphology from the Earth*; T. J. Chandler, *Modern Meteorology and Climatology*; S. P. Clark, *The Structure of the Earth*; R. L. Donahue, *Soils*; R. F. Drassmann, *Environmental Conservation*; C. S. Elton, *Animal Ecology* (1966 reprint); S. R. Eyre, *Vegetation and Soils*; H.M.S.O., *A Course in Elementary Meteorology*; R. D. 'O. Good, *Geography of Flowering Plants*; M. Neiburger, T. G. Edinger and W. D. Bonner, *Understanding our Atmospheric Environment*; E. P. Odum, *Ecology* (Modern Biology Series); *Fundamentals of Ecology* (1968); R. J. Rice, *Fundamentals of Geomorphology*; H. Riehl, *Introduction to the Atmosphere*; G. T. Trewartha, *An Introduction to Climate; The Earth's Problem Climates*; K. Simmons, *Ecology of Natural Resources*; A. G. Tansley, *Britain's Green Mantle* (1968); H. Walter, *Vegetation of the Earth*; N. Pears, *Plant Geography*; W. Pennington, *History of British Vegetation*; N. Polunin, *Plant Geography*.

Gy101(a) Physical Geography Classes

Fortnightly, Sessional.

For B.A./B.Sc. c.u. main field Geog. 1st yr.

Gy103 Theory and Techniques of Spatial Analysis

Dr Board, Miss Scoging and others. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II. Compulsory for B.A./B.Sc. c.u. main field Geog. 1st yr.; Dip. Geog.

Syllabus An introduction to theoretical and quantitative geography: the spatial organisation of society: quantitative approaches to the analysis of urban, regional and physical systems, including statistical and mapping techniques.

Recommended reading R. J. Chorley and P. Haggett, *Models in Geography*; R. Abler, J. S. Adams and P. Gould, *Spatial Organisation*; M. R. Spiegel, *Theory and Problems of Statistics*; R. J. Chorley and B. A. Kennedy, *Physical Geography: a systems approach*; G. P. Chapman, *Human and Environmental Systems: A Geographical Appraisal*; D. Gregory, *Ideology, Science and Human Geography*; D. Ebdon, *Statistics in Geography, a Practical Approach*; J. Silk,

Statistical Concepts in Geography; R. Hammond and P. S. McCullagh, *Quantitative Techniques in Geography, An Introduction*; G. B. Norcliffe, *Inferential Statistics for Geographers*; J. Irvine, I. Miles and J. Evans (Eds.), *Demystifying Social Statistics*; A. Robinson, R. Sale and J. Morrison, *Elements of Cartography* (4th edn.); M. S. Monmonier, *Maps, Distortion, and Meaning*.

Gy103(a) Classes

In connection with Course Gy103.

Gy200 Advanced Quantitative Geography

Dr Frost and others. Ten lectures and ten practicals, Michaelmas Term. There will also be revision classes in the Summer Term.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main fields Geog. 2nd yr., Maths., Stats., Comp., Act. Sci.

Syllabus A review of the range of techniques relevant to quantitative analysis in human and physical geography. Special attention will be paid to the use of each technique in selected published geographical studies.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis: A Reader in Statistical Geography*; L. J. King, *Statistical Analysis in Geography*; M. Dogan and S. Rokan (Eds.), *Quantitative Ecological Analysis in the Social Sciences*.

Gy201 Applied Spatial Analysis

Dr Frost and others. Ten lectures and ten practicals, Lent Term. There will also be revision classes in the Summer Term.

For B.A./B.Sc. c.u. main fields Geog. 2nd yr., Maths., Stats., Comp., Act. Sci.; B.Sc. (Econ.) Part II.

Syllabus The practical application of quantitative methods of analysis, involving the description of spatial patterns; the measurement of spatial associations; methods of classification and regionalisation; calibration of spatial models.

Recommended reading B. J. L. Berry and D. F. Marble, *Spatial Analysis: A Reader in Statistical Geography*; L. J. King, *Statistical Analysis in Geography*; M. Dogan and S. Rokan (Eds.), *Quantitative Ecological Analysis in the Social Sciences*.

Gy202 Elements of Hydrology

Dr Thornes and Dr Pitman. Fifty lectures and classes, Sessional.

For B.A./B.Sc. c.u. main field Geog.

Syllabus The hydrological cycle. Water on hillslopes, in the soil and in the vegetation. The catchment system and run-off in stream channels. Basic concepts of ground water hydrology. Water in relation to human activity, especially clearance and agricultural activity, urban and flood hydrology and irrigation.

Recommended reading R. C. Ward, *The Principles of Hydrology* (2nd edn.); R. J. Chorley, *Water, Earth and Man*; J. C. Rodda, R. A. Downing and F. M. Law, *Systematic Hydrology*.

Note Four, from a possible eight, practical exercises must be completed.

Gy203 Geomorphology I

Dr Brunsdon, Dr Embleton and Dr Thornes. Forty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

Syllabus A study of the processes of landform sculpture under differing climatic and structural environments, and the techniques used in process investigations. This course will involve seminars, laboratory and compulsory field work.

Recommended reading M. A. Carson and M. J. Kirkby, *Hillslope Form and Process*; L. B. Leopold, G. Wolman and J. P. Miller, *Fluvial Processes in Geomorphology*; C. Embleton and C. A. M. King, *Glacial Geomorphology*; C. Embleton and C. A. M. King, *Periglacial Geomorphology*; C. Embleton and J. B. Thornes, *Process in Geomorphology*; D. Carroll, *Rock Weathering*; D. Loughnan, *Weathering of the Silicate Minerals*; A. Young, *Slopes*; K. J. Gregory and D. Walling, *Drainage Basin Form and Process*; R. U. Cooke and A. Warren, *Geomorphology in Deserts*; C. Ollier, *Weathering*.

Gy203(a) Classes

Ten practical classes of two hours in connection with Course Gy203.

Gy204 Biogeography

Dr Rose and Dr Yates. An intercollegiate course. At King's

College. Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

Syllabus The structure and functioning of ecosystems; productivity and its measurements; the movement of nutrients within ecosystems. The ecosystem and the environment; succession; edaphic and microclimatic factors; pollution and its biological assessment. The history of the flora and vegetation of N.W. Europe since the start of the Tertiary. The present vegetation communities of the British Isles and the origin of the British flora. Geographical elements. Biogeography on a world scale; plant areas and dispersal mechanisms; the role of the movement of the continents. Endemism; age of area; relic floras; indicator species; floral evolution. The ecosystems of the world; their structure and history. The description and analysis of vegetation.

Recommended reading E. P. Odum, *Ecology*; R. F. Dassen, *Environmental Conservation*; J. R. Matthews, *Origin and Distribution of the British Flora*; W. Pennington, *History of British Vegetation*; H. Walter, *Vegetation of the Earth*.

Note Ten days fieldwork are a compulsory part of the course.

Gy205 Meteorology and Climatology

Dr M. Jones and Dr Atkinson. Twenty-five lectures, Sessional. An intercollegiate course at Queen Mary College.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

Syllabus The basic principles of dynamic climatology including the energy budget, tropical and extra-tropical circulation systems; mesoscale systems and the general circulation of the atmosphere.

Recommended reading H. C. Willett and F. Sanders, *Descriptive Meteorology*; G. T. Trewartha, *The Earth's Problem Climates*; S. L. Hess, *Introduction to Theoretical Meteorology*; W. D. Sellers, *Physical Climatology*; E. Palmén and C. W. Newton, *Atmospheric Circulation*.

Gy205(a) Meteorology and Climatology (Classes)

In conjunction with Course Gy205.

Gy206 Man and his Physical Environment

Dr Rees and Mr D. K. C. Jones.

Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.; Dip. Geog.

Syllabus A study of the interaction between societies and the physical environment. The environment's effects on man including the study of natural hazards and the range of man's response to such events. Man's impact on the environment; pollution, conservation and resource management. An analysis of the physical, economic, social and political problems involved in environmental management.

Recommended reading R. Arvill, *Man and Environment*; I. Burton and R. W. Kates, *Readings in Resource Management and Conservation*; W. L. Thomas Jr., *Man's Role in Changing the Face of the Earth*; Barbara Ward and Rene Dubois, *Only One Earth*; A. Kneese and B. T. Bower, *Managing Water Quality*; T. R. Detwyler, *Man's Impact on Environment*; P. R. Ehrlich and A. H. Ehrlich, *Population, Resources and Environment*; J. Maddox, *The Doomsday Syndrome*; G. F. White, *Natural Hazards*; T. O'Riordan, *Environmentalism*; I. Burton, R. W. Kates and G. F. White, *The Environment as Hazard*; J. Whittow, *Disasters*; N. W. Holdgate, *A Perspective of Environmental Pollution*.

Note This course may involve some fieldwork.

Gy208 Economic Geography

Dr Estall, Dr Rees and Dr J. E. Martin. Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus An introduction to the nature, scope and methods of economic geography; traditional and behavioural approaches to the theory of the location of economic activities; the geographical implications of business organisation and government policy.

Recommended reading P. E. Lloyd and P. Dicken, *Location in Space: A Theoretical Approach to Economic Geography* (2nd edn.); R. C. Estall and R. O. Buchanan, *Industrial Activity and Economic Geography* (4th edn.); E. C. Conkling and M. Yeates, *Man's Economic Environment*; A. Weber, *Theory of the Location of Industries*; D. M.

Smith, *Industrial Location*; G. J. Karaska and D. F. Bramhall, *Location Analysis for Manufacturing*; R. H. T. Smith, E. J. Taaffe and L. J. King, *Readings in Economic Geography*; R. J. Struyk and F. J. James, *Intra Metropolitan Industrial Location*; F. E. I. Hamilton (Ed.), *Contemporary Industrialisation*; F. E. I. Hamilton (Ed.), *Spatial Perspective on Industrial Organisation and Decision Making*; R. J. Chorley and P. Haggett, *Socio-Economic Models in Geography*; R. Dorfman, *Prices and Markets*.

Gy208(a) Classes

Ten fortnightly classes, Michaelmas and Lent Terms. In connection with Course Gy208.

Gy209 Social Geography: Spatial Change and Social Process

Dr Duncan, Mr Green and Professor E. Jones. Forty lectures and classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.; Dip. Geog.

Syllabus An introduction to the nature, scope and methods of social geography focused around the links between spatial change and social process. Reference is made to the emergence of urban, regional and under-development problems, to state intervention in these problems, and to the explanation of spatial patterns.

Recommended reading R. J. Johnston, *Geography and Geographers*; R. E. Pahl, *Patterns of Urban Life*; National Community Development Project, *The Costs of Industrial Change*; P. Saunders, *Urban Politics*; G. Stedman Jones, *Outcast London*; D. Seers et al., *Underdeveloped Europe*; B. Roberts, *Cities of Peasants*; C. Cockburn, *The Local State*; E. Jones and J. Eyles, *Introduction to Social Geography*; R. Mellor, *Urban Sociology in an Urbanised Society*.

Gy210 Urban Geography: an Evolutionary Approach

Dr Warnes, Dr B. S. Morgan and Professor E. Jones. Forty lectures, Michaelmas and

Lent Terms.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.; Dip. Geog.

Syllabus Origins, growth and processes of urbanization, with particular reference to the evolution of the British city in the context of social and economic change. An assessment of the factors influencing the internal structure of the city.

Recommended reading M. Carter, *Urban Geography*; D. T. Herbert and R. J. Johnston (Eds.), *Social Areas in Cities*; B. T. Robson, *Urban Analysis*; P. Daniels, *Office Location*; P. Scott, *Geography and Retailing*; P. J. Ambrose and B. Colenutt, *The Property Machine*; R. Mellor, *Urban Sociology in an Urbanised Society*; S. Lansley, *Housing and Public Policy*.

Gy211 Population Geography and Resources

Dr Warnes. Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.

Syllabus The course will provide substantive knowledge of the factors influencing the distribution, size and change of populations at micro- and world scales, as well as an introduction to several important areas of geographic theory relating to population topics. There will also be instruction in the evaluation of data sources and in the use of descriptive and analytical methods applicable to the subject. Population as a resource and the geographic implications of growing and declining populations are examined.

Recommended reading P. R. Cox, *Demography*, Cambridge 1970; G. J. Demko, H. R. Rose and G. Schnell (Eds.), *Population Geography: A Reader*; J. A. Jackson (Ed.), *Migration*; D. J. Bogue, *Principles of Demography*; W. Petersen, *Population*.

Gy212 Historical Geography: British Isles

Dr Lambert, Dr Yates and Mr Green. Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 2nd yr.

Syllabus The historical geography of the British Isles (with special reference to England) from prehistoric times to the nineteenth century, illustrating concepts, source material and methodology employed

in the subject. Reference is made to the evolution of rural settlement and agriculture and the transition to an industrial urban society.

Recommended reading R. A. Dodgshon and R. A. Butlin, *An Historical Geography of England and Wales*; H. C. Darby (Ed.), *A New Historical Geography of England before 1800*; W. G. Hoskins, *The Making of the English Landscape*; Sir Cyril Fox, *The Personality of Britain*; A. L. F. Rivet, *Town and Country in Roman Britain*; H. R. Lyon, *Anglo-Saxon England and the Norman Conquest*; J. Thirsk (Ed.), *English Peasant Farming*; A. R. H. Baker and R. A. Butlin (Eds.), *An Agrarian History of England and Wales IV: Studies of Field Systems in the British Isles*; G. E. Mingay and J. D. Chambers, *The Agricultural Revolution 1750-1880*; M. Dobb, *Studies in the Development of Capitalism*; E. A. Wrigley (Ed.), *Nineteenth Century Society*.

Gy212(a) Historical Geography (Class)

Twenty classes, Sessional.

Gy215 Soil Science

Dr Pitman. Twenty lectures, Michaelmas and Lent Terms and appropriate laboratory work.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.
Syllabus Soils as natural bodies formed by the interaction of environmental factors. The basic properties and processes. Genesis and distribution of important world soils. Soil distribution, soil classification and soil survey. The course includes practical field work.

Recommended reading N. C. Brady, *Nature and Properties of Soils*; E. W. Russell, *Soil Conditions and Plant Growth*; J. V. Drew, *Selected Papers in Soil Formation and Classification*; Fitzpatrick, *Pedology*.

Gy215(a) Classes

Twelve practical classes in connection with Course Gy215.

Gy220 Economic and Regional Geography of the British Isles

Professor Wise and Mr Sinclair.

Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus An 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 patterns of selected industries, evolution of the present pattern of land use.

Recommended reading L. D. Stamp and S. H. Beaver, *The British Isles*; J. B. Mitchell (Ed.), *Great Britain: Geographical Essays*; 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*; E. G. Bowen (Ed.), *Wales*; A. E. Smailes, *North England*; B. E. Coates and E. M. Rawstron, *Regional Variations in Britain*; G. Manners, D. Keeble, B. Rodgers and K. Warren, *Regional Development in Britain*; J. W. Watson and J. B. Sissons (Eds.), *The British Isles*; H. Clout (Ed.), *Changing London*; J. T. Coppock, *An Agricultural Atlas of England and Wales*; An *Agricultural Geography of Great Britain*; A. Edwards and A. Rogers (Eds.), *Agricultural Resources*; Clarendon Press, *Atlas of Britain*; E. Jones and D. J. Sinclair, *The Atlas of London* (1968); M. Chisholm and G. Manners (Eds.), *Spatial Policy Problems of the British Economy*; G. McCrone, *Regional Policy in Britain*; J. W. House (Ed.), *The U.K. Space: Resources, Environments and the Future*; P. Hall and others, *The Containment of Urban England*; D. Keeble, *Industrial Location and Planning in the United Kingdom*; J. Blunden, *The Mineral Resources of Britain*; J. Fernie, *A Geography of Energy in the U.K.*

Gy221 Europe

Mr Sinclair, Dr Hamilton, Dr J. E. Martin and Dr Yates. Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus The contemporary geography of Europe: its spatial attributes examined in the context of political and economic integration. Comparative analyses of

national and regional planning for economic development and social progress. Studies of selected areas in Western and Eastern Europe to exemplify themes in the relationship between society and its environment.

Recommended reading K. Allen and M. C. MacLennan, *Regional Problems and Policies*; J. R. Boudeville, *Problems of Regional Economic Planning*; D. Burtenshaw, *Economic Geography of West Germany*; H. D. Clout (Ed.), *Regional Development in Western Europe*; H. D. Clout, *The Geography of Post-War France*; J. T. Connor and W. L. Batt (Eds.), *Area Redevelopment Policies in Britain and the Countries of the Common Market*; T. H. Elkins, *Germany*; A. Emanuel (Ed.), *The Regional Factor in Economic Development*; A. French and F. E. I. Hamilton, *The Socialist City*; P. Hall and D. Hay, *Growth Centres in Europe: Urban Systems*; F. E. I. Hamilton, *Planned Economies*; J. A. Heller, *North Rhine-Westphalia*; G. W. Hoffman (Ed.), *A Geography of Europe: Problems and Prospects*; G. W. Hoffman (Ed.), *Eastern Europe, Essays in Geographical Problems*; J. W. House, *France: An Applied Geography*; R. Lee and P. E. Ogden, *Economy and Society in the E.E.C.*; R. E. H. Mellor and E. A. Smith, *Europe: A Geographical Survey*; R. E. H. Mellor, *Eastern Europe*; O.E.C.D., *Structural Reform Methods in Agriculture*; D. Swann, *The Economics of the Common Market*; J. N. Tupper, *France*.

Gy223 North America I: Geographical Patterns of Resources and Economic Development

Dr Estall. Twenty lectures, Michaelmas Term.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus A systematic review of the changing physical and human resources of the continent: an analysis of modern developments and problems in leading sectors of the economy. Emphasis is placed throughout on national problems, such as the evolution of the metropolitan system, energy supply and demand, patterns of poverty, environmental concern, and the implications of government activities.

Recommended reading R. C. Estall, *A Modern Geography of the United States*; Oxford Regional Economic Atlas, *The United States and Canada*; The Report of the

Commission on Population Growth and the American Future. *Population and the American Future*; M. Clawson. *America's Land and its uses*; H. H. Landsberg. *Natural Resources for U.S. Growth*; E. N. Cameron (Ed.). *The Mineral Position of the United States*; E. L. Allen. *Energy and Economic Growth in the United States*; T. R. Ford (Ed.). *Rural U.S.A., Persistence and Change*; N. M. Hansen. *Rural Poverty and the Urban Crisis*; N. M. Hansen. *The Challenge of Urban Growth*; G. Sternlieb and J. W. Hughes (Eds.). *Post-Industrial America: Metropolitan Decline and Inter-Regional Job Shifts*; J. H. Cumberland. *Regional Development Experiences and Prospects in the United States*.

Gy223(a) Classes

Five classes, Lent Term.

Gy224 Latin America I: Pre-Industrial Societies

Dr Newson. Twenty-two lectures, Lent and Summer Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus This course examines the origin, nature and evolution of pre-industrial societies in Latin America. Special emphasis is placed on the impact of Spanish and Portuguese colonialism.

Recommended reading H. Blakemore and C. T. Smith. *Latin America: Geographical Perspectives*; C. Wagley. *The Latin American Tradition*; R. C. West and J. P. Augelli. *Middle America: its lands and its peoples*; W. T. Sanders and J. Marino. *New World Prehistory*; J. H. Steward and L. C. Faron. *Native Peoples of South America*; C. R. Boxer. *The Portuguese Seaborne Empire*; B. W. Diffie. *Latin American Civilisation: the Colonial Period*; C. Gibson. *Spain in America*; C. H. Haring. *The Spanish Empire in America*; J. H. Parry. *The Spanish Seaborne Empire*; C. Prado. *The Colonial Background of Modern Brazil*; S. J. Stein and B. H. Stein. *The Colonial Heritage of Latin America*.

Gy225 The Third World: a Social and Economic Basis

Professor Morgan and Dr Newson. Twenty-three lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 2nd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus The aim of the course is to introduce students to the social and economic characteristics of the Third World and the development problems it faces. It will thus examine in general terms several aspects of the geography of the Third World, including economics, geography, population, and urbanisation and planning, and assess the applicability of models developed in the respective branches of the subject to the Third World. It will also discuss various models of development as applied to the Third World.

Recommended reading G. Breese. *Urbanisation in Developing Countries*; H. Brookfield. *Interdependent Development*; E. Boserup. *The Conditions of Agricultural Growth*; C. Clark and M. Haswell. *The Economics of Subsistence Agriculture*; P. P. Courtenay. *Plantation Agriculture*; D. Dwyer. *People and Housing in Third World Cities*; D. Dwyer (Ed.). *The City in the Third World*; A. Frank. *Capitalism and Underdevelopment in Latin America*; J. Friedmann and W. Alonso (Eds.). *Regional Development and Planning*; A. Gilbert (Ed.). *Development Planning and Spatial Structure*; S. Goodenough. *Values, Relevance and Ideology in Third World Geography*; D. Gregg. *The Harshlands*; Y. Hayami and V. W. Ruttan. *Agricultural Development: an international perspective*; B. S. Hoyle. *Spatial Aspects of Development*; N. Long. *An Introduction to the Sociology of Rural Development*; W. Manshard. *Tropical Agriculture: a geographical introduction and appraisal*; W. B. Morgan. *Agriculture in the Third World*; G. Myrdal. *The Challenge of World Poverty*; T. W. Schultz. *Transforming Traditional Agriculture*; M. P. Todaro. *Economics for a Developing World*.

Gy300 Geomorphology II

Dr Embleton and Mr D. K. C. Jones. Forty lectures, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr. **Syllabus** Chronological studies in geomorphology. Methods of dating and their limitations. Problems of landscape evolution illustrated by selected regional examples, with special reference to areas of the British Isles.

This course may involve some fieldwork. **Recommended reading** S. W. Wooldridge and D. L. Linton. *Structure Surface and*

Drainage in South-east England; J. B. Sissons. *The Evolution of Scotland's Scenery*; R. G. West. *Pleistocene Geology and Biology*; E. H. Brown. *Relief and Drainage of Wales*; A. S. Goudie. *Environmental Change*; F. W. Shotton. *British Quaternary Studies*; D. Q. Bowen. *Quaternary Geology*; A. Straw and K. M. Clayton. *Eastern and Central England*; D. K. C. Jones. *The Shaping of Southern England*; D. K. C. Jones. *Southeast and Southern England*.

Gy301 Geomorphology III

Dr Brunsdon and Dr Thornes.

Twenty-five lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Syllabus Major conceptual developments in the field of geomorphology and especially in recent and contemporary research methodology.

Recommended reading R. J. Chorley, A. J. Dunn and R. P. Beckinsale. *The History of the Study of Landforms* (Vols. I and II); *Geomorphology before Davis*; C. Albritton. *The Fabric of Geology*; A. E. Scheidegger. *Theoretical Geomorphology*; C. Embleton et al. *Geomorphology: Present Problems, Future Prospects*; A. G. Wilson and M. J. Kirkby. *Mathematics for Geographers and Planners*; J. B. Thornes and D. Brunsdon. *Geomorphology and Time*.

Gy302 Climatic Change

Dr Leigh. Twenty lectures.

Michaelmas and Lent Terms. An intercollegiate course at Birkbeck College.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Recommended reading H. H. Lamb. *The Changing Climate; Proceedings of the UNESCO-WMO Symposium on Climatic Change in the Arid Zones* (UNESCO, 1962); R. Fairbridge (Ed.). *Solar Variations, Climatic Change and Related Geophysical Phenomena* (New York Academy of Sciences, 1961); A. E. M. Nairn (Ed.). *Problems in Palaeoclimatology*.

Gy302(a) Climatic Change (Classes)

In conjunction with Course Gy302.

Note Teaching for other branches of Meteorology and Climatology will be provided at other colleges of the

University and is open to all students. Not all courses will be available in any one session.

Gy303 Geography of Local Administration

Mr Hoggart. Twenty-two lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus An examination of geographic aspects of local government organisation and of the spatial consequences of local government decisions. Emphasis is placed on local government's contributions to democracy and territorial justice.

Recommended reading R. L. Lineberry and I. Sharkansky. *Urban Politics and Public Policy* (3rd edn.); P. Dunleavy. *Urban Political Analysis*; P. Saunders. *Urban Politics*; J. Dearlove. *The Reorganization of English Local Government*; M. Cross and D. Mallen. *Local Politics in Britain*; J. J. Harrigan. *Political Change in the Metropolis*; K. R. Cox. *Conflict, Power and Politics in the City*.

Gy304 Spatial Aspects of Economic Development

Dr Frost, Dr Hamilton and Dr Rees. Forty lectures and ten seminars, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.; Dip. Geog.

Syllabus The course will examine the spatial objectives, processes and achievements of economic development on the regional, national and international planes. Emphasis will be placed upon selected topics, primarily the following: resources and their importance in growth models and investment appraisal; elements which influence the spatial patterns of labour market operations and occupational structures; the roles of contact patterns and information flows in industry and business in regional development and in regional policies; direct and indirect effects of government decision-making, foreign direct (multinational-corporate) investments and infrastructures on spatial development patterns, and the assessment of the character and purpose of world systems approaches and of models of regional development. Examples will be drawn from various market and non-market economics.

Recommended reading J. J. Spengler, *Natural Resources and Economic Growth*; N. Clawson, *Natural Resources and International Development*; D. W. Pearce and J. Rose (Eds.), *The Economics of Natural Resource Problems*; B. Higgins, *Economic Development*; A. R. Kuklinski (Ed.), *Growth Poles and Growth Centres in Regional Planning*; F. E. I. Hamilton (Ed.), *Contemporary Industrialisation: Spatial analysis and regional development*; F. E. I. Hamilton (Ed.), *Industrial Change: International Experience and Public Policy*; F. E. I. Hamilton (Ed.), *Spatial Analysis, Industry and The Industrial Environment, Vol. I. Industrial Systems; Vol. II. International Industrial Systems.*

Gy305 The Geography of Rural Development

Mr Sinclair, Mr Hoggart and Professor Morgan. Forty lectures, Michaelmas and Lent Terms. For B.A./B.Sc. c.u. main field Geog. 2nd and 3rd yrs.; B.Sc. (Econ.) Part II. **Syllabus** Changes in rural economy and society in the 20th century, particularly since 1950. Land as a resource; impact of urban and industrial expansion, and of demographic change. Role and status of agriculture in economic development. Comparative studies of agricultural and agrarian policy and rural planning and their spatial implications. Recreation, amenity and landscape.

Recommended reading M. C. Whitby and K. G. Willis, *Rural Resource Development* (2nd edn.); J. Ashton and W. H. Long (Eds.), *The Remoter Rural Areas of Britain*; R. B. Franter (Ed.), *The Future of Upland Britain*, 2 Vols.; M. Bell (Ed.), *Britain's National Parks*; J. T. Coppock and W. R. D. Sewell (Eds.), *The Spatial Dimensions of Public Policy*; Countryside Review Committee (H.M.S.O.), *The Countryside— Problems and Policies*; J. A. Patmore, *Land and Leisure*; J. Davidson and G. Wibberley, *Planning and the Rural Environment*; L. Tweeten and G. L. Brinkman, *Micropolitan Development*; G. F. Summers *et al*, *Industrial Invasion of Non-metropolitan America*; H. Newby, *Green and Pleasant Land.*

Gy306 Advanced Economic Geography: Agriculture

Mr Sinclair and Professor Morgan. Twenty lectures, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** Concepts and methods in the geography of agriculture. The nature of agricultural resources: land, labour, capital and management. Agriculture and the market. The evolution, location and structure of agricultural systems. The diffusion of agricultural techniques. Competition for agricultural land. The role and status of agriculture in economic development.

Recommended reading W. B. Morgan and R. J. C. Munton, *Agricultural Geography*; A. Edwards and A. Rogers, *Agricultural Resources*; J. T. Coppock, *An Agricultural Geography of Great Britain*; J. Ashton and S. J. Rogers, *Economic Change in Agriculture*; W. C. Found, *A Theoretical Approach to Rural Land-Use Patterns*; W. B. Morgan, *Agriculture in the Third World*; R. King, *Land Reform*; M. J. Stabler, *Agricultural Economics and Rural Land-Use*; C. Clark and M. Haswell, *The Economics of Subsistence Agriculture*; S. H. Franklin, *The European Peasantry*; T. W. Schultz, *Transforming Traditional Agriculture.*

Gy306(a) Advanced Economic Geography of Agriculture (Class)

Five classes in connection with course Gy306.

Gy307 Advanced Social Geography I: Planning, Housing and Urban Change

Mr Drewett and Dr Duncan. Twenty lectures/seminars, Michaelmas and Lent Terms. For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog. **Syllabus** The course considers the development of the urban problem and the housing question, particularly in Britain but also with reference to other advanced societies.

Detailed coverage will be given to housing provision and policy, urban land, and planning policy, together with their relationship to urban change and conflict.

Recommended reading P. Ambrose and B. Colenutt, *The Property Machine*; Benwell Community Development Project, *Private Housing and the Working Class*; N. Ginsburg, *Class, Capital and Social Policy*;

P. Hall *et al*, *The Containment of Urban England*; D. Massey and A. Catelano, *Capital and Land*; S. Merrett, *State Housing in Britain*; National Community Development Project, *Profits Against Houses.*

Gy308 Advanced Social Geography II: Spatial Inequalities

Mr Hoggart and Professor E. Jones. Twenty lectures,

Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus Socio-spatial inequality is examined by reference to status, class and power. The focus is on the nature and determinants of spatial inequality at both regional and intra-regional scales, and in both urban and rural situations. Attention will also be given to social and political movements emerging in association with socio-spatial inequality, such as nationalist movements in peripheral areas.

Recommended reading B. E. Coates, R. J. Johnston and P. L. Knox, *Geography and Inequality*; K. R. Cox, *Location and Public Problems*; D. M. Smith, *Where the Grass Grows Greener*; T. R. Lee, *Race and Residence*; D. Herbert and D. M. Smith, *Social Problems and the City.*

Gy309 Urban and Regional Systems

Mr Drewett and Dr Spence. Fourteen lectures of one-and-a-half hours, Michaelmas and Lent

Terms. For B.A./B.Sc. c.u. main field Geog.; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Syllabus Theoretical and technical aspects of analysing urban and regional systems in the context of planning national settlement systems. Definition of concepts; historical growth and evolution of urban systems. City size, location and differentiation. Inter-City linkages, diffusion and conflict. Models of intra-urban land use allocation and land conversion, multiplier forecasting, and spatial demographic accounting. Metropolitan interdependencies and alternative national settlement strategies.

Recommended reading B. J. L. Berry and F. E. Horton, *Geographic Perspectives on*

Urban Systems; L. S. Bourne and J. W. Simmons (Eds.), *Systems of Cities*; G. Cameron and L. Wingo (Eds.), *Cities, Regions and Public Policy*; G. Chadwick, *A Systems View of Planning*; M. Chisholm, A. E. Frey and P. Haggett (Eds.), *Regional Forecasting*; J. Friedmann and W. Alonso (Eds.), *Regional Development and Planning*; P. Hall, H. Gracey, R. Drewett and R. Thomas, *The Containment of Urban England*; N. Hansen (Ed.), *Human Settlement Systems*; W. Isard, *Methods of Regional Analysis: An Introduction to Regional Science*; J. B. McLoughlin, *Urban and Regional Planning: A Systems Approach*; H. S. Perloff and L. Wingo (Eds.), *Issues in Urban Economics*; A. Pred, *City Systems in Advanced Economies*; A. G. Wilson, *Urban and Regional Models in Geography and Planning.*

Gy309(a) Classes

In connection with course Gy309.

Gy310 Historical Geography: Western and Central Europe

Dr Lambert. Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.

Syllabus A study of the interrelations of man and his environment since prehistoric times with special reference to the part played by man's activities in adapting the landscape to his needs.

Recommended reading C. T. Smith, *Historical Geography of Western Europe*; *Cambridge Economic History of Europe*, Vol. 1, 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*; A. Mayhew, *Rural Settlement and Farming in Germany*; J. H. Clapham, *The Economic Development of France and Germany*; B. H. Slicher van Bath, *The Agrarian History of Western Europe, A.D. 500–1850*; A. M. Lambert, *The Making of the Dutch Landscape*; N. J. G. Pounds, *An Historical Geography of Europe 450 B.C.–A.D. 1300*; N. J. G. Pounds, *An Economic History of Medieval Europe.*

Gy310(a) Classes

Ten Classes in connection with Course Gy310.

Gy311 Planning and its Geographical Impact

Mr Diamond and Dr Hebbert. Forty lectures, Michaelmas and Lent Terms. An intercollegiate course.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Syllabus The origins and development of the city and regional planning movements in Britain and abroad, current systems and objectives compared, and an assessment of the extent to which town and country planning has affected the geography of Britain.

Recommended reading J. B. Cullingworth, *Town and Country Planning in England and Wales*; C. D. Buchanan, *Traffic in Towns*; P. J. O. Self, *Cities in Flood*; J. Ardill, *The New Citizen's Guide to Town and Country Planning*; J. W. House (Ed.), *The U.K. Space*, Chap. 6, Part IV; J. H. Tetlow and A. Goss, *Homes, Towns and Traffic*; P. G. Hall, *Urban and Regional Planning*; D. A. Kirby, *Slum Housing and Residential Renewal*; A. Ravetz, *Remaking Cities*; H. Evans (Ed.), *New Towns: the British Experience*; G. Manners et al., *Regional Development in Britain*; D. H. McKay and A. W. Cox, *The Politics of Urban Change*; D. MacLennan and J. B. Parr (Eds.), *Regional Policy: Past Experience and New Directions*; I. Alexander, *Office Location and Public Policy*; M. Clawson and P. Hall, *Planning and Urban Growth: an Anglo-American Comparison*.

Further references including official planning studies and periodical literature will be given during the course.

Gy312 Environmental Management in Britain

Dr Rees and Mr D. K. C. Jones. Twenty lectures and ten seminars, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Syllabus The course will focus on the practical problems of formulating, implementing and evaluating environmental control policies and environmental management systems in a British context. The development of the environmental planning system in Britain: local government functions, water authorities, Health and Safety Inspectorate. Countryside planning, etc. The nature of pollution in Britain. The

costs and benefits from pollution control. Constraints on management—political, social, legal and economic. Aspects of public participation. Emphasis will be laid on water and air quality, noise abatement and landscape planning.

Recommended reading will be given during the course.

Note: This course may involve fieldwork.

Gy312(a) Environmental Management in Britain

Dr Rees, Mr D. K. C. Jones and others. Ten Seminars, Lent Term.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Gy313 Environmental Evaluation and Planning in Transport

Dr K. R. Sealy. Twenty lectures and five classes, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.; M.Sc.

Syllabus A review of environmental problems created by road and air transport at local and regional levels is followed by a study of selected topics at greater length. Finally, attention is directed towards the preparation of overall assessments of environmental impact needed for planning purposes.

Recommended reading J. Catlow and C. G. Thirlwall, *Environmental Impact Analysis*; Research Report 11 (Planning), Department of the Environment; A. Lassiere, *The Environmental Evaluation of Transport Plans*; Research Report 8 (Transport) Department of the Environment; A. H. Stratford, *Airports and the Environment*; K. R. Sealy, *Airport Strategy and Planning*; D. N. M. Starkie and D. M. Johnson, *The Economic Value of Peace and Quiet*; Report of the Committee on Noise (Wilson Report), *Noise*, Cmd. 2056, 1863, and sequel *Second Survey of Aircraft Noise Annoyance Around London*; Office of Population and Surveys, Social Survey Division, 1971, *Noise Advisory Council Reports*, e.g. *Neighbourhood Noise*, *Traffic Noise: vehicle regulations and enforcement*, *Aircraft Noise: Flight routing Near Airports*; Department of the Environment, *Planning and Noise*, Circular 10/73; *Landscape Evaluation*, Symposium, Inst. British Geographers, 66, 1975; *Methods of Landscape Analysis*,

Symposium, Landscape Research Group, 1967; Urban Motorways Committee, *New Roads in Towns: Development and Compensation*, Cmd. 5124, H.M.S.O.; P. H. Parkin et al. *London Noise Survey*, Building Research Station, 1968; Department of Transport, *Report of the Advisory Committee on Trunk Road Assessment (Leitch Committee)*, H.M.S.O., 1977; D. W. Pearce, *The Valuation of Social Cost*. Periodical literature will be recommended during the course.

Gy314 Geography of Rural Settlement

Dr Shepherd. Twenty-five lectures, Sessional. An intercollegiate course at Queen Mary College.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Gy315 Map Design and Evaluation

Dr Board. Twenty-three meetings, Sessional.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Syllabus The essential role of maps to store and convey spatially distributed information and for way-finding. The value of theoretical models of cartographic communication. The influence of user requirements on map design. Sources of locational information and data for the content of maps and the problems associated with the form in which they exist. Choosing the graphic elements appropriate to the purpose and constraints imposed.

Methods of evaluating maps in the laboratory and the field.

Recommended reading P. C. Muehrcke, *Map Use: Reading, Analysis and Interpretation*; V. D. Hopkin and R. M. Taylor, *Human Factors in the Design and Evaluation of Aviation Maps*; A. Robinson, R. Sale and J. Morrison, *Elements of Cartography* (4th edn.); G. C. Dickinson, *Maps and Air Photographs* (2nd edn.).

Gy316 Environmental Change

Miss Gardner. Twenty lectures and four seminars, Michaelmas and Lent Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.

Syllabus Study of the nature, chronology and causes of environmental changes throughout the Quaternary era, and the evidence used to

evaluate change. Particular emphasis is placed on low-latitude regions.

Recommended reading A. S. Goudie, *Environmental Change*; C. Vita-Finzi, *Recent Earth History*; K. Butzer, *Environment and Archaeology*.

Gy322 North America II: Regional Studies of Economic Growth and Change

Dr Estall and Dr K. R. Sealy.

Twenty-five lectures and classes, Lent and Summer Terms.

For B.A./B.Sc. c.u. main field Geog. 2nd or 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus A broad review of regional disparities in economic structure and performance and some theoretical explanations thereof. A detailed analysis of the changing economic and social geography of selected regions and contrasting regional problems. An appraisal of government programmes for area development.

Recommended reading General texts: H. S. Perloff, E. S. Dunn, E. E. Lampard and R. F. Muth, *Regions, Resources and Economic Growth*; J. H. Paterson, *North America*; B. L. Weinstein and R. E. Firestone, *Regional Growth and Decline in the United States*; Special Studies: G. Sternlieb and J. W. Hughes (Eds.), *Post-Industrial America: Metropolitan Decline and Inter-Regional Job Shifts*; D. C. Perry and A. J. Watkins (Eds.), *The Rise of the Sunbelt Cities*; R. C. Estall, *New England, A Study in Industrial Adjustment*; J. R. Ford (Ed.), *The Southern Appalachian Region: A Survey*; J. F. Hart, *The Southern United States*; G. Sternlieb and J. W. Hughes (Eds.), *Revitalizing of the North East: Prelude to an Agenda*; L. M. Alexander, *The North Eastern United States*; J. Gottman, *Megalopolis*; K. Ross Toole, *The Rape of the Great Plains*; J. H. Garland (Ed.), *The North American Midwest*; J. H. Cumberland, *Regional Development, Experiences and Prospects in the United States of America*; R. H. Durenburger, *California: The Last Frontier*.

For Canada: see P. Camu, E. P. Weeks and Z. W. Sametz, *The Economic Geography of Canada, with an Introduction to the 68-region System*; T. N. Brewis, *Regional Economic Policies in Canada*.

Gy323 Latin America II: Industrial Societies

Dr Newson. Twenty-two lectures,

Lent and Summer Terms.

For B.A./B.Sc. c.u. main field Geog. 3rd yr.; B.Sc. (Econ.) Part II; Dip. Geog.

Syllabus This course examines the origin, nature and evolution of industrial societies in Latin America. Special emphasis is placed on the economic and social problems associated with industrialisation.

Recommended reading H. Blakemore and C. T. Smith, *Latin America: Geographical Perspectives*; H. Brookfield, *Interdependent Development*; J. P. Cole, *Latin America: An Economic and Social Geography*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; C. Furtado, *The Economic Development of Latin America*; C. Furtado, *The Economic Growth of Brazil*; A. Gilbert, *Latin American Development*; D. B. Heath and R. Adams (Eds.), *Contemporary Cultures and Societies of Latin America*; K. Griffin, *Underdevelopment in Latin America*; J. Lambert, *Latin America: Social Structure and Political Institutions*; N. Long, *An Introduction to the Sociology of Rural Development*; D. Preston and P. Odell, *Societies and Economies in Latin America*.

Gy324 The Soviet Union

Dr Hamilton. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main field Geog. 3rd yr.; Dip. Geog.

Syllabus An introduction to the geographical aspects and problems of economic and social change in the U.S.S.R. since 1917. Emphasis is placed upon the aims, methods, processes and achievements of planning in bringing about a new geography of population, resource use, industry, agriculture, transport, urban and regional structure.

Recommended reading S. Balzak, F. Vasyutin and Ya. Feigin, *Economic Geography of the U.S.S.R.*; V. Bandera and Z. Lew Melnyk, *The Soviet Economy in Regional Perspective*; J. P. Cole and F. C. German, *A Geography of the U.S.S.R.*; G. Demko and R. J. Fuchs, *Geographical Perspectives in the Soviet Union*; F. E. I. Hamilton, *The Moscow City Region*; D. J. M. Hooson, *The Soviet Union: A Regional Geography*; P. Lydolph, *A Geography of the U.S.S.R.*; R. Mathieson, *The Soviet Union*; R. A. French and F. E. I. Hamilton, *The Socialist City*; F. E. I. Hamilton, *Planned Economies*.

Courses Gy400–Gy403 are compulsory for students reading

Geography for M.Sc. together with one other course from Gy404–Gy408. Students registered for M.Phil. and Ph.D. are however normally expected to attend courses Gy400–Gy403 and if relevant to their interests courses from Gy404–Gy408. Other courses listed as Gy409–Gy411 are available for students reading for M.Phil., Ph.D. or Research Fee. In addition courses may be recommended for M.Sc. students, e.g. Gy452. Quantitative Methods in Regional and Urban Planning Studies. Students should consult their supervisors in selecting courses which meet the specific requirements of their degree syllabus or course of study.

Gy400 Geographical Concepts and Methods (Class)

Mr Drewett and Dr Spence. Fifteen classes, Michaelmas and Lent Terms.

Students should also take Course Gy401.

Syllabus The philosophy and methodology of geography. The roles of inductive and deductive reasoning in scientific explanation. The structure of hypotheses and the development of theories and laws. The use of models, systems and model languages for geographical explanations. A review and evaluation of methodology and levels of explanation in geography.

Recommended reading D. Amedeo and R. G. Golledge, *An Introduction to Scientific Reasoning in Geography*; H. M. Blalock, *Causal Inferences in Non-Experimental Research*; F. E. Emery (Ed.), *Systems Thinking*; T. S. Kuhn, *The Structure of Scientific Revolution*; K. R. Popper, *The Logic of Scientific Discovery*; S. Toulmin, *The Philosophy of Science*; R. J. Chorley and P. Haggett (Eds.), *Models in Geography*; R. Hartshorne, *Perspective on the Nature of Geography*; D. Harvey, *Explanation in Geography*; L. J. King, *Statistical Analysis in Geography*.

Gy401 Contemporary Geographical Thought (Class)

Dr Board and others. Twenty

classes, Michaelmas and Lent Terms.

Students should also take Course Gy400.

Syllabus A critical review of continuity and change in contemporary geography, emphasising the development and influence of major schools in and approaches to geography since the publication of *The Nature of Geography*; the analysis of major trends discernible in published research, the impact of key individuals and papers commonly accepted as turning points in the development of the subject.

Recommended reading R. Hartshorne, *Perspective on the Nature of Geography*; J. I. Clarke and P. Pinchemel, *Human Geography in France and Britain*; P. E. James, *All Possible Worlds, a History of Geographical Ideas*; D. W. Harvey, *Explanation in Geography*; R. J. Johnston, *Geography and Geographers: Anglo-American Human Geography since 1945*.

Gy402(i) Research Design and Techniques (Seminar)

Dr Thornes and others.

Twenty-one seminars, Sessional.

Syllabus The purpose of this course is to give an outline of the basic requirement of a major research investigation from the conception to the publication of a final report. It will review the principal strategies involved in problem-solving in the social and natural sciences. The implications of particular strategies in terms of sources and information, of principal methods of analysis and of the organisation and publication of research results will be considered. These problems will be exemplified from research studies, both pure and applied. Members of the Graduate Laboratory and academic staff will outline some of the procedures and difficulties involved in their own research. Evaluation will include the formulation and design of a piece of geographical research, and the critical evaluation of a published paper.

Gy402(ii) Research Design and Techniques (Computing) Seminar

Dr Thornes and others. Four seminars, Lent Term.

Gy402(iii) Geographical Project Seminar

Mr Drewett. Sessional.

Syllabus Presentations of research objectives, aims and methodological problems by research students.

Gy403 Geographical Research Seminar

Dr Board, Dr Duncan and Dr Hebbert. Nineteen seminars, Michaelmas and Lent Terms.

Syllabus Presentation of research problems by speakers either from outside the School or who are visiting the London School of Economics.

Gy404 Social Change and Urban Growth (Class)

Professor E. Jones and Mr Drewett. Twenty classes, Michaelmas and Lent Terms.

Syllabus Urbanisation is a major social process with far-reaching implications for the urban and social geography of the developed and developing worlds. The aim of the course is to introduce concepts which geographers believe to be basic to the understanding of the processes and to the spatial patterns which are its outcome. In studying the demographic base, emphasis will be on the changing balance between rural and urban population due to migration and its effects on population structure. The social bases of urbanisation will focus on changing occupation structure and its effects on life styles, assimilation and acculturation. In the latter half of the course two or three of the following specific aspects will be discussed: effects of urbanisation on city growth; the constraints of the housing market on such changes; squatting as a phenomenon of rapid growth, particularly in the third world; segregated social areas such as ghettos; intra-urban migration and social areas; the relationship between economic organisation, class, income, mobility and residential location in the industrialising city. **Recommended reading** B. J. L. Berry, *The Human Consequences of Urbanisation*; D. J. Dwyer, *The City in the Third World*; T. G. McGee, *The Urbanisation Process in the Third World*; L. Reissman, *The Urban Process*; P. M. Hauser, *The Study of Urbanisation*; D. Harvey, *Social Justice and the City*.

Gy405 Regional Policy and Planning
Mr Drewett, Mr Diamond, Dr

Estall and Dr Hamilton. Fourteen lectures and seminars, Michaelmas and Lent Terms.

Syllabus The main goals of regional policy have been the reduction in regional welfare differences, the stimulation of development areas and the relief of pressure from concentration in congested areas. The course aims to trace the evolution of planning as a response by governments to such problems. Within the context of regional growth theory and regional planning theory, the goals, instruments and achievements of regional planning will be assessed in the context of national variations in socio-economic and political structures. The first part will deal with Regional Planning Theory and the European Experience. This will be taken by all students. The second part will relate to specific regional policy and planning in Europe or North America and the student must opt for one of these areas.

Recommended reading to be announced.

Gy406 Resource Management and Environmental Planning

Dr Rees. Twenty lectures, Michaelmas and Lent Terms.

Syllabus The course has three major components: (a) General concepts in resource management, including such issues as the nature of resources; problems of common property resources; scarcity problems, causes and nature of declining environmental quality, and environmental perception. (b) Management of productive resources in the public and private sectors, including investment appraisal and impact analysis, administrative needs and policy formulation. (c) Management for environmental quality; aims and techniques of decision-making, administration, law, political constraints, public participation and the role of pressure groups. These issues will be considered both for advanced and less developed economies.

Recommended reading T. O'Riordan, *Perspectives on Resource Management*; T. O'Riordan, *Environmentalism*; J. Burton and R. Kates, *Readings in Resource Management and Conservation*; D. W. Pearce, *Environmental Economics*; A. V. Kneese and B. T. Bower, *Managing Water Quality, Economics, Technology and Institutions*; A. M. Freeman, R. H. Haveman and A. V. Kneese, *The Economics of Environmental Policy*; T. O'Riordan, *Progress in Resource Management and Environmental Planning*, Vols. 1 and 2.

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Gy407 Spatial Aspects of Change in Economic Activity (Seminar)

Dr J. E. Martin. Sixteen seminars, Michaelmas and Lent Terms.

Syllabus Movement and change at the scale of the enterprise; decision-making in relation to location; linkage and movement. Change at the city scale; metropolitan economic advantage; processes of locational shift. Regional industrial growth and change; the industrial mix and evolving regional advantage.

Recommended reading R. D. Dean, W. H. Leahy and D. L. McKee (Eds.), *Spatial Economic Theory*; D. M. Smith, *Industrial Location: an Economic Geographical Analysis*; F. E. I. Hamilton (Ed.), *Spatial Perspectives on Industrial Organisation and Decision-Making*; L. Collins and D. F. Walker (Eds.), *Locational Dynamics of Manufacturing Activity*; H. D. Watts, *The Large Industrial Enterprise*; P. M. Townroe and N. J. Roberts, *Local-External Economies for British Manufacturing*; F. E. I. Hamilton and G. J. Linge (Eds.), *Spatial Analysis, Industry and the Industrial Environment*; P. M. Townroe, *Industrial Location Decisions*; M. J. Cooper, *The Industrial Location Decision-Making Process*; P. M. Townroe, *Industrial Movement*; M. Edel and J. Rothenberg (Eds.), *Readings in Urban Economics*; A. Pred, *The Spatial Dynamics of U.S. Urban-Industrial Growth, 1800-1914*; P. A. Groves, *Towards a Typology of Intra-Metropolitan Manufacturing Locations*.

Gy408 Geography of Transport Planning (Class)

Dr K. R. Sealy. Sessional.

Syllabus This course will be particularly concerned with the spatial aspects of the transport problem but will include a consideration of related economic and technical problems. The main subjects covered include network analysis; transport planning models; transport and economic development; measurement and evaluation of environmental problems. Examples will be drawn mainly from road and air transport. Where appropriate courses in economics and historical aspects may be included.

Recommended reading C. D. Foster, *The Transport Problem*, (2nd edn.); K. Kinsky, *Transportation Networks*, Chicago University Department of Geography Research Paper No. 84; P. Haggett and R. J. Chorley, *Network Analysis in Geography*; Lane, Powell and Prestwood Smith,

Analytical Transport Planning; S. Jones, *Urban Transport Appraisal*; K. R. Sealy, *Airport Strategy and Planning*; R. Taylor, *Noise*; B. S. Hoyle, *Transport and Development*; D. A. Hensher, *Urban Transport Economics*; R. de Neufville, *Airport Systems Planning*.

Gy410 Cartographic Communication

Dr Board. Sixteen lectures, Sessional.

Syllabus The process of communicating geographical information by means of maps. The map designer's perception of the real world: how information is obtained from maps and the assessment of the quantity and quality of such information.

Recommended reading J. Keates, *Cartographic Design and Production*; A. H. Robinson, *The Look of Maps*; E. Edwards, *Information Transmission*; A. H. Robinson and B. Bartz Petchenik, *The Nature of Maps*.

Gy411 Regional Problems in the United States (Seminar)

Dr Estall. Twenty-two seminars, Sessional.

This course is held for students taking the M.A. Area studies degree at the Institute of United States studies and for M.Sc. Econ. Hist.

Syllabus An analysis of the processes of economic growth and change and of the regional problems arising therefrom. Federal policies and programmes for regional economic development. Case studies of selected Economic Development Regions and their development plans.

Recommended reading B. J. L. Berry, *Growth Centres in the American Urban System*; G. C. Cameron, *Regional Economic Development, the Federal Role*; J. Cumberland, *Regional Development: Experiences and Prospects in the United States of America*; M. Derthick, *Between State and Nation: Regional Organisations of the United States*; G. Sternlieb and J. W. Hughes (Eds.), *Post Industrial America: Metropolitan Decline and Inter Regional Job Shifts; Revitalisation of the North East: Prelude to an Agenda*; R. C. Estall, *New England: a Study in Industrial Adjustment*; J. Friedman and M. Alonso (Eds.), *Regional Development and Planning: A Reader*; N. M. Hansen, *Rural Poverty and the Urban Crisis: A Strategy for Regional Development*; E. M. Hoover, *An Introduction to Regional*

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Economics; Sar Levitan, *Federal Aid to Depressed Areas*; M. Newman, *The Political Economy of Appalachia*; Harvey S. Perloff et al., *Regions, Resources and Economic Growth*; E. A. G. Robinson (Ed.), *Backward Areas in Advanced Countries*.

Gy412 Social Theory and Urban and Regional Questions

Dr Duncan, Dr Hebbert and Ms Massey. Twelve fortnightly seminars, Sessional.

For M.Sc. and other graduate students.

Syllabus The relationship between perspectives in general social theory and the empirical analysis of the "urban" and "regional" problems. A Number of introductory seminars on uneven development, the urban question, the problem of the capitalist state and underdevelopment, followed by analysis of particular issues according to the interests of graduate students. Topics will probably include the production of the built environment, the land question, the new international division of labour, the local estate, and the regional and urban questions in peripheral capitalism.

ADVANCED COURSES IN REGIONAL AND URBAN PLANNING STUDIES

Gy450 Regional and Urban Planning Problems (Seminar)

Professor Day, Professor Self, Mr Diamond and Dr Hebbert. An interdepartmental seminar, Summer Term.

Gy451 Spatial Theory in Regional and Urban Planning (Seminar)

Mr Diamond, Michaelmas and Lent Terms.

A seminar on the application of locational and spatial concepts to problems of urban and regional planning.

Recommended reading B. J. L. Berry and F. E. Horton, *Geographic Perspectives on Urban Systems*; F. S. Chapin and E. J. Kaiser, *Urban Land Use Planning*; M. Chisholm and G. Manners (Eds.), *Spatial*

Policy Problems of the British Economy; R. J. Chorley and P. Haggett (Eds.), *Socio-Economic Models in Geography*; J. Friedmann and W. Alonso (Eds.), *Regional Policy*; J. Friedmann and C. Weaver, *Territory and Function*; P. Haggett et al., *Locational Models*; P. G. Hall, *Theory and Practice of Regional Planning*; J. B. McLoughlin, *Urban and Regional Planning*; K. Norborg (Ed.), *The I.G.U. Symposium in Urban Geography*; M. Moseley, *Growth Centres in Spatial Planning*; A. Pred, *City Systems in Advanced Economies*; M. E. Sant, *Industrial Movement and Regional Development*; L. S. Bourne, *Urban Systems*. Other references will be given during the course.

Gy452 Quantitative Methods in Regional and Urban Planning Studies

Dr Frost. Ten lectures, Michaelmas Term.

Syllabus An introductory course intended for students with relatively little quantitative training to serve as an introduction to statistical and non-statistical quantitative methods in urban and regional planning.

Gy454 Urban Plans and Regional Policies: A Comparative Course

Dr Hebbert. Ten seminars, Michaelmas Term.

Open to other interested graduate students by permission.

Syllabus Origins and functions of urban plans: urban growth, building control and infra-structure provision; norms and standards; physical planning and community development; administrative and professional aspects of the urban plan. Origins and functions of regional planning: uneven development, rapid urbanisation and settlement policy; theories, principles and instruments; the spatial dimension in national policy; its weaknesses.

Recommended reading J. Friedmann and C. Weaver, *Territory and Function*; H. Stretton, *Urban Planning in Rich and Poor Countries*; J. Hayward and M. Watson, *Planning Politics and Public Policy*; P. Hall, *Urban and Regional Planning*; W. Stohr, *Regional Development: Experiences and Prospects in Latin America*; J. Friedmann and W. Alonso, *Regional Policy*; D. Slater,

Underdevelopment and Spatial Inequality: Approaches to the Problem of Regional Planning in the Third World; L. Rodwin, *Nations and Cities: A Comparison of Strategies for Urban Growth*; R. A. French and F. E. I. Hamilton, *The Socialist City*; A. Gilbert, *Development Planning and Spatial Structure*; United Nations Department of Economic and Social Affairs, *Integration of Economic and Spatial Planning*.

Members of the Staff of King's College, London, sharing in the work of the Joint School of Geography

D. Brunson, B.Sc., Ph.D.; Reader in Geography.
Alice M. Coleman, M.A.; Reader in Geography.
C. Embleton, M.A., Ph.D. (Cantab.); Reader in Geography.
M. E. Frost, B.A., M.Sc., Ph.D.; Lecturer in Geography.
Rita A. M. Gardner, B.Sc.; Lecturer in Geography.
D. R. Green, B.A. (Cantab.); Lecturer in Geography.
K. Hoggart, B.Sc., M.Sc. (Salford); Lecturer in Geography.
Maureen Jones, B.Sc. (Wales), D.U.S. (Southampton), M.Sc., Ph.D. (Newcastle); Lecturer in Geography.
G. R. P. Lawrence, M.Sc.; Senior Lecturer in Geography.
B. S. Morgan, B.Sc., Ph.D. (Exeter); Lecturer in Geography.
W. B. Morgan, M.A. (Oxon.), Ph.D. (Glasgow); Professor of Geography.
Linda Newson, B.A., Ph.D.; Lecturer in Geography.
J. I. Pitman, B.Sc., Ph.D. (Hull); Lecturer in Geography.
J. C. Pugh, M.A. (Cantab.), Ph.D., F.R.I.C.S.; Professor of Geography.
F. Rose, B.Sc., Ph.D.; Reader in Biogeography.
A. M. Warnes, B.A. (Hull), Ph.D. (Salford); Lecturer in Geography.
E. M. Yates, M.Sc., Ph.D.; Reader in Geography.

Government

Gv100 An Introduction to Political Thought: The Greeks

Dr Morrall. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Parts I and II; B.A. (Hist.).

Syllabus Greek thought on politics is treated here as the first sustained attempt at the rational explanation through discussion and dialogue of the processes of human government, and of the degree to which members of the social community can or ought to participate in government. This subject primarily requires a knowledge of the political ideas of Plato and Aristotle, in particular of Plato's *Republic* and Aristotle's *Politics*. For this purpose, some introductory material is also included about the previous history of Greek political thinking, and the characteristics of Athenian democracy. Particular attention is paid to the treatment in Plato and Aristotle of the following topics:
(a) The nature of the political community
(b) The relationship between political knowledge and political activity
(c) The nature of government and law
(d) The differing types of constitution
(e) The meaning of justice and morality in politics

Preliminary reading A. R. Burn, *The Pelican History of Greece* (Penguin); T. A. Sinclair, *A History of Greek Political Thought* (Routledge paperback); E. Barker, *Greek Political Theory: Plato and his Predecessors* (Methuen University Paperback); J. B. Morrall, *Aristotle* (George Allen and Unwin, Political Thinkers Series Paperback); R. G. Mulgan, *Aristotle's Political Theory* (Oxford University Press Paperback).

Further reading will be supplied during the course.

Gv100(a) Classes

Gv101 The Language of Politics: An Introduction to Political Theory

Mr Minogue. Twenty-five lectures, Sessional.

This course will not be given in 1981-82.

For B.Sc. (Econ.) Parts I and II; B.A. c.u. main field French Studies 1st yr.

Syllabus A study of the varying types of political argument, distinguished according to whether their design depends upon the practical attempt to persuade or the theoretical commitment to understand; and distinguished according to level of abstraction. Attention will be given primarily to: discussions of technical skill in politics; rhetorical argument; political philosophy; and ideology. These types will be studied in relation to (usually) four texts, which may be varied from year to year. In 1980-81 the texts were: Machiavelli, *The Prince*; Edmund Burke, *Reflections on the Revolution in France*; Hegel, *Reason in History: Introduction to Lectures on the Philosophy of World History* (translation Nesbit); Karl Marx, *Early Texts* (Edited McClellan).

Gv101(a) Classes

This course will not be given in 1981-82.

Gv102 Political Thought

Professor Kedourie. Twenty lectures of one-and-a-half hours, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.A. (Hist.).

Recommended reading will be given at the beginning of the course.

Gv102(a) Classes

For second-year students.

Gv102(b) Classes

For third-year students.

Gv104 Three Key Mediaeval Political Thinkers

Dr Morrall. Ten Lectures, Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus The thinkers with whom this course will be concerned are St. Augustine, St. Thomas Aquinas and Marsiglio of Padua. **Texts** R. H. Barrow (Ed.), *Introduction to St. Augustine's "City of God"*; A. P. d'Entrèves, *Aquinas: Selected Political Writings* (Blackwell's Political Texts); A. Gewirth, *Marsilius of Padua*, Vol. II.

Recommended reading H. A. Deane, *The Political and Social Ideas of St. Augustine*; T.

Gilby, *Principality and Polity: Aquinas and the Rise of State Theory in the West*; A. Gewirth, *Marsilius of Padua*, Vol. I; A. P. d'Entrèves, *The Medieval Contribution to Political Thought*; J. B. Morrall, *Political Thought in Mediaeval Times*; J. B. Morrall, *The Mediaeval Imprint*.

Gv105 Political Thought (Texts)

Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Plato: Dr Morrall

Aristotle: Dr Morrall

Marsilius: Dr Morrall

Machiavelli: Mr Minogue*

Hobbes: Dr Orr

Rousseau: Mr Charvet

Hegel: Professor Kedourie

Mill: Mr Thorp

Locke: Dr von Leyden

* Not available in 1981/82

Gv106 French Political Thought

Professor Cranston. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr. and all interested graduate and undergraduate students.

Syllabus Aspects of French political thought from the late Renaissance to the contemporary world.

Recommended reading will be given at the beginning of the course.

Gv107 Political Philosophy

Mr Charvet and others. Fourteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus Philosophy: its characteristics and methods, and its place in the study of politics. The origins and grounds of moral judgments. The nature of the state. Authority and power. Compulsion persuasion and consent. Responsibility and punishment. Political obligation. Concepts of nature and of reason. Natural law and natural rights. The definition of freedom. Historical explanation and the problem of determinism. The aims and methods of political science. Property and distributive justice. Theories of democracy and equality.

Recommended reading C. G. Field, *Political Theory*; J. L. Lucas, *The Principles of Politics*; S. Benn and R. S. Peters, *Social Principles and the Democratic State*; J. D. Mabbott, *The State and the Citizen*; B. Barry, *Political Argument*; H. L. Hart, *The*

Concept of Law; T. D. Weldon, *The Vocabulary of Politics*; M. Oakeshott, *Rationalism in Politics*; S. Wolin, *Politics and Vision*; M. Cranston, *Freedom*; E. F. Carr, *Morals and Politics*; P. Laslett (Ed.), *Philosophy, Politics and Society* (I and II); D. D. Raphael, *Problems of Political Philosophy*; K. R. Popper, *Conjectures and Refutations*; D. D. Raphael, *Political Theory and the Rights of Man*; A. P. d'Entrèves, *The Notion of the State*.

Gv107(a) Class

Lent Term.

For second-year students.

Gv107(b) Class

Mr Charvet. Michaelmas and Lent Terms.

For third-year students.

Gv108 Individual and Society in some Modern Political Thinkers

Mr Charvet. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested undergraduate and graduate students.

Syllabus This course will examine notions of the individual and his relation to society in Hobbes, Locke, Rousseau, Marx and J. S. Mill.

Gv109 Modern Political Thought

Mr Thorp. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus This is a study of European Political Thought since about 1770. Attention will be given to: the influence of the Enlightenment; the ideas associated with the French Revolution and the emergence of the Nation State; reflections on the nature of industrial society and the problems of its ordering; the increase of knowledge of the natural world and its utilization by political thinkers; thought about the populace and the mass as features of modern European politics; the discovery of the historical world and its relation to political understanding and practice; the idea of a science of human nature and a science of human society. It will also include the study of schools of thought such as Liberalism, Socialism, Romanticism, Nationalism, philosophical movements like Positivism, Utilitarianism, Idealism; and writers such as Bentham, Kant, Hegel, de Maistre, Coleridge, St. Simon, Comte, de

Tocqueville, J. S. Mill, Marx, Spencer, Proudhon, Green, Bradley, Bosanquet, Sorel, Hobhouse, Lenin.

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); J. Lively (Ed.), *The Works of Joseph de Maistre*; A. de Tocqueville, *Democracy in America*; S. T. Coleridge, 'The Principles of Political Knowledge' in *The Friend*, Part I; *Second lay Sermon*; St. Simon, *Selected Writings* (Ed. Markham or Ionescu); K. Marx, *The Communist Manifesto*; K. Marx, *Selected Writings* (various editions); J. S. Mill, *On Liberty*; *Representative Government*; *Utilitarianism*; 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*; H. Spencer, *The Man versus the State*; B. Bosanquet, *The Philosophical Theory of the State*.

GENERAL READING OR FOR REFERENCE:

L. Lancaster (Ed.), *Masters of Political Thought*, Vol. 3; J. Bowle, *Politics and Opinion in the Nineteenth Century*; J. H. Randall, *The Making of the Modern Mind*; J. Schumpeter, *Capitalism, Socialism and Democracy*; A. V. Dicey, *Lectures on the Relation between Law and Public Opinion in the Nineteenth Century*; R. H. Soltan, *French Political Thought in the Nineteenth Century*; G. de Ruggiero, *The History of European Liberalism*; R. Williams, *Culture and Society 1750-1950*; E. Wilson, *To the Finland Station*; E. Kedourie, *Nationalism*; R. G. Collingwood, *The Idea of History*; R. Aron, *Main Currents in Sociological Thought I*; E. Barker, *English Political Thought 1848-1914*; W. Y. Elliott, *The Pragmatic Revolt in Politics*; A. Gray, *The Socialist Tradition*; M. Mandelbaum, *History, Man and Reason*; S. S. Wolin, *Politics and Vision*; F. L. Baumer, *Modern European Thought*; E. F. Carr, *Morals and Politics*. Further reading will be given in lectures and classes.

Gv109(a) Class

For second year students.

Gv109(b) Class

For third year students.

Gv110 The Political Thought of Hegel and Marx

Professor Kedourie. Fifteen

lectures, Michaelmas and Lent Terms.

For undergraduate and graduate students. **Syllabus** The main lines of Hegel's political thought; the Hegelian tradition and its transformations. The political thought of Marx.

Gv150 Modern Politics and Government with special reference to Britain

Dr R. S. Barker, Professor G. W. Jones, Dr Dunleavy and Professor Self. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Soc.; Trade Union Studies.

Syllabus This subject offers an introduction to the study of politics and government, with its main emphasis on Britain. It entails a general understanding of political concepts (such as 'legitimacy', 'pluralism', 'consensus', 'representation', 'responsibility', and 'rights') and associated political theories, as well as the institutions and processes of government. General subjects covered are the nature of politics and government; the different forms of government in the modern world; economic and social influences upon the political system; the relations between politics and administration; the possible meanings of the public interest; and the relation of democratic theories to the methods of reaching government decisions. The principal part of the course is an examination of Britain as a particular form of constitutional and democratic government, including representative institutions, parties and pressure groups. Parliament, the Cabinet, the operations of central and local government, and political culture and traditions. Modern British government is also intended to provide the principal illustrations for the general subjects covered in the course.

Recommended reading B. Barry, *Political Argument*; B. Crick, *In Defence of Politics*; S. E. Finer, *Comparative Government* (Part I); S. M. Lipset, *Political Man*; R. Miliband, *The State in Capitalist Society*; J. S. Mill, *Representative Government*; J. D. B. Miller, *The Nature of Politics*; W. Bagehot, *The English Constitution*; S. H. Beer, *Modern British Politics*; A. H. Birch, *Representative and Responsible Government*; A. H. Hanson and M. Wallis, *Governing Britain*; R. M. Punnett, *British Government and Politics*; R.

Rose, *Politics in England Today*; B. C. Smith, *Policy Making in British Government*; J. Blondel, *Voters, Parties and Leaders*; R. G. S. Brown and D. R. Steel, *The Administrative Process in Britain*; R. Clutterbuck, *Protest and the Urban Guerrilla*; S. E. Finer, *Anonymous Empire*; A. King, *The British Prime Minister*; S. A. Walkland and M. Ryle, *The Commons Today*; H. M. Drucker (Ed.), *Multi-Party Britain*; I. McLean, *Elections*; Geoffrey Alderman, *British Elections*; P. G. Richards, *The Reformed Local Government System*; P. Singer, *Democracy and Disobedience*; S. A. de Smith, *Constitutional and Administrative Law*; T. Smith, *The Politics of the Corporate Economy*; H. Street, *Freedom, the Individual and the Law*; L. Tivey, *Nationalisation in British Industry*; R. Dahl, *A Preface to Democratic Theory*; A. Downs, *An Economic Theory of Democracy*; C. E. Lindblom, *Politics and Markets*; S. Lukes, *Power: A Radical View*; W. A. Robson, *Welfare State and Welfare Society*.

Gv150(a) Classes
For undergraduates.

Gv150(b) Classes
For Trade Union Studies.

Gv151 History of British Politics from the Seventeenth to the Twentieth Century
Mrs Bennett. Twenty-five lectures, Sessional.
For B.Sc. (Econ.) Part II.
Syllabus A historical study of the political and institutional arrangements prevailing at any given period between 1660 and 1922, of the events and ideas associated with them, and the process by which they change and develop. Major themes will include the attempt to work the restoration compromise; the working out of the Revolution of 1688; the growth of political stability; the impact of major wars and of foreign revolution on the constitution; the changing roles of Monarchy, Cabinet and Parliament in the period and the interaction between them; the development of the two-party system; political reform and the emergence of a political structure which welds together strong government and representative democracy; and the stresses affecting this system at the end of the period covered.

Recommended reading will be given at the beginning of the course.

Gv151(a) Class
Ten fortnightly classes,
Michaelmas, Lent and Summer
Terms.

Gv152 History of British Politics in the Twentieth Century
Mr Beattie and Mr Barnes. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols.
Syllabus and **recommended reading** will be given at the beginning of the course.

Gv152(a) Class
Twelve fortnightly classes,
Sessional.

Gv153 Modern British Government
Seminars chosen from a list of options which will include the following.
For B.Sc. (Econ.) Part II.
Section (ii) also for M.Sc.

(i) Political Ideas in the United Kingdom
Dr R. S. Barker. Twenty-two seminars, Sessional.
Syllabus Ideology—the uses and meanings of the word. Levels of political thinking in Britain. The development of the state and the accompanying political debate. Concepts of citizenship and nationality. The ideological character of party politics.
Introductory reading R. Barker, *Political Ideas in Modern Britain*; S. H. Beer, *Modern British Politics*; Sir Ernest Barker, *Political Thought in England from Herbert Spencer to the Present Day*; Raymond Williams, *Culture and Society 1780–1950*; S. Wolin, *Politics and Vision*; M. J. C. Vile, *Constitutionalism and the Separation of Powers*; H. Pelling (Ed.), *The Challenge of Socialism*; P. W. Buck (Ed.), *How Conservatives Think*; A. Bullock and M. Shock (Eds.), *The Liberal Tradition, From Fox to Keynes*.
A full syllabus and reading list will be given out at the start of the course.

(ii) Political Behaviour with special reference to British Political Parties, the Electorate and the Mass Media
Dr Nossiter and Mr Barnes. Thirty seminars, Sessional.

Syllabus Political Culture. Political Learning and Socialisation. Electoral behaviour. Political Parties. Mass communications and politics.
Recommended reading R. Rose, *Politics in Britain Today*; R. E. Dowse and J. Hughes, *Political Sociology*; R. Miliband, *The State in Capitalist Society*; D. Kavanagh, *Political Culture*; T. Tapper, *Political Education and Stability*; D. E. Butler and D. Stokes, *Political Change in Britain*; R. Rose, *Electoral Behaviour*, Chap. 10; C. Seymour-Ure, *The Press, Politics and the Public*, esp. chapter on The Political Impact of Mass Media; Glasgow University Media Group, *Bad News and More Bad News*; J. G. Blumler and D. McQuail, *Television and Politics*; J. G. Blumler, 'The Political Effects of Television' in J. Halloran (Ed.), *The Effects of Television*; R. T. McKenzie, *British Political Parties*; S. Beer, *Modern British Politics*; L. Minkin, *Labour Party Conference*; A. Beattie (Ed.), *English Party Politics*, 2 Vols.; A. H. Birch, *Political Integration and Disintegration*; B. Stacey, *Political Socialisation in Western Society*.

(iii) Cabinet Government and the National Policy Process
Mrs Bennett and Mr Barnes. Twenty seminars, Michaelmas and Lent Terms.

Syllabus This course will centre on the British Cabinet and will analyse the process of policy making from this perspective. The working of the Cabinet, its committees, its administrative machinery and its relationships with the Departments of State, Parliament and the party apparatuses will be covered. Special attention will be devoted to the relationship between permanent officials and politicians and to the role of the Prime Minister's personal staff.
Introductory reading R. H. S. Crossman, *Inside View; Diaries of a Cabinet Minister*, Vol. I; Gordon Walker, *The Cabinet*; A. King (Ed.), *The British Prime Minister*; J. P. Mackintosh, *The British Cabinet*; H. Morrison, *Government and Parliament*; B. C. Smith, *Policy Making in British Government*; H. Wilson, *Governance of Britain*.

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

Gv154 Administrative Organization and Behaviour

Professor Self and Dr. R. M. Thomas. Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.; M.Sc. and other interested undergraduate and graduate students.
Syllabus This course will consider some basic issues about the organization of governments and the behaviour of bureaucracies, illustrated by comparative studies of Britain, U.S.A., France and other countries. Subjects covered will include the nature of administrative organization; causes and results of administrative conflict; policy co-ordination and resource planning; political-administrative relations; the uses of experts in government; civil service systems; administrative motivation and performance; administrative reform.

Recommended reading P. Self, *Administrative Theories and Politics*; R. G. S. Brown and D. R. Steel, *The Administrative Process in Britain*; R. Thomas, *The British Philosophy of Administration*; Sir Richard Clarke, *New Trends in Government*; D. Keeling, *The Management of Government*; C. Hood, *The Limits of Administration*; J. Garrett, *Managing the Civil Service*; P. Kellner and Lord Crowther Hunt, *The Civil Servants*; J. Fesler, *Public Administration: Theory and Practice*; H. Seidman, *Politics, Position and Power*; J. D. Millett, *Organization for the Public Service*; L. C. Gawthrop, *Bureaucratic Behaviour in the Executive Branch*; H. Hecllo, *A Government of Strangers*; F. F. Ridley and J. Blondel, *Public Administration in France*; M. Crozier, *The Bureaucratic Phenomenon*.

Gv155 Public Administration (Class)

Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.
Suitable for students attending Gv154 and related Public Administration teaching.
Syllabus This course ranges from analyses of the work and behaviour of civil servants and ministers, to theories of power, conflict and bureaucracy. Specific British government organizations, like the Civil Service and public corporations, are examined as well as problems of managing complex government

organizations, such as accountability, control, general management and decision-making.

Recommended reading M. Albrow, *Bureaucracy*; C. Barnard, *The Functions of the Executive*; J. Bourn, *Management in Central and Local Government*; R. G. S. Brown and D. R. Steel, *The Administrative Processes in Britain* (2nd edition); P. Self, *Administrative Theories and Politics*; J. Garrett, *Managing the Civil Service*.

Gv156 British Government and Bureaucracy

Professor G. W. Jones. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.; M.Sc. and other interested undergraduate and graduate students.

Syllabus The relation between politics and administration in Britain. The central machinery of government and the factors which influence its structure. Patterns of devolution to public corporations and local authorities. The organization and character of the British Civil Service. Decision making in Whitehall and the relation of policy making to execution. Administration, interest groups and public opinion. The place of management and financial control in the public service. Public policy making.

Recommended reading

GENERAL AND INTRODUCTORY: J. Stanyer and B. Smith, *Administering Britain*; R. G. S. Brown and D. R. Steel, *The Administrative Process in Britain*; W. Thornhill (Ed.), *The Modernization of British Government*; R. A. Chapman and A. Dunsire, *Style in Administration*; B. C. Smith, *Policy-Making in British Government*.

HISTORY: H. Parris, *Constitutional Bureaucracy*; H. R. G. Greaves, *The Civil Service in the Changing State*; G. K. Fry, *Statesmen in Disguise*; D. N. Chester and F. M. G. Wilson, *The Organisation of British Central Government*; H. Daalder, *Cabinet Reform in Britain*; R. Chapman and J. R. Greenaway, *The Dynamics of Administrative Reform*.

THEORIES AND PRACTICE: P. Self, *Administrative Theories and Politics*; R. J. S. Baker, *Administrative Theory and Public Administration*; M. Spiers, *Techniques and Public Administration*; R. Thomas, *The British Philosophy of Administration*.

CIVIL SERVICE: The Fulton Committee, *The Civil Service* (Cmd. 3638); R. A. Chapman, *The Higher Civil Service in Britain*; F. F. Ridley (Ed.), *Specialists and Generalists*; C. H. Sisson, *The Spirit of British*

Administration; 11th Report of the Expenditure Committee, *The Civil Service* (Session 1976-77, H.C.535); P. Kellner and Lord Crowther-Hunt, *The Civil Servants*. REFORMS: Haldane Report, *Report of the Machinery of Government Committee* (Cd. 9230); H.M.S.O., *The Reorganisation of Central Government* (Cmd. 4506); D. Keeling, *Management in Government*; J. Garrett, *Managing the Civil Service*; Sir Richard Clarke, *New Trends in Government*; J. Bourn, *Management in Central and Local Government*.

RESOURCES AND POLICY: H. Hecllo and A. Wildavsky, *The Private Government of Public Money*; Lord Diamond, *Public Expenditure in Practice*; M. Shanks, *Planning and Politics*; M. Wright (Ed.), *Public Spending Decisions*.

THE TOP: J. Haines, *The Politics of Power*; H. Wilson, *The Governance of Britain*; J. Bruce Gardyne and N. Lawson, *The Power Game*; R.I.P.A., *Policy and Practice*.

PRESSURE GROUPS AND THE ADMINISTRATIVE PROCESS: R. Gregory, *The Price of Amenity*; J. J. Richardson and A. G. Jordan, *Governing under Pressure*.

LOCAL GOVERNMENT: P. G. Richards, *The Reformed Local Government System*; J. Stanyer, *Understanding Local Government*; J. A. G. Griffith, *Central Departments and Local Authorities*; Central Policy Review Staff, *Relations Between Central Government and Local Authorities*.

PUBLIC ENTERPRISE: L. Tivey, *Nationalisation in British Industry*; N.E.D.O., *A Study of U.K. Nationalised Industries*; H.M.S.O., *The Nationalised Industries* (Cmd. 7131).

AD HOC AGENCIES: D. C. Hague et al, *Public Policy and Private Interests*; T. J. Cartwright, *Royal Commissions and Departmental Committees in Britain*; Outer Circle Policy Unit, *What's Wrong with Quangos?*

Gv157 Aspects of Comparative Local Government

Professor G. W. Jones. Ten lectures, Michaelmas Term.

For M.Sc. and other interested students.

Syllabus A study of the local government systems of a number of countries both developed and underdeveloped. The organization, functions and areas of local authorities, their councils, internal arrangements, executives and administration. Politics, central-local relations, finance and the reform of local government. Planning, metropolitan and big-city government.

Recommended reading S. Humes and E. M.

Martin, *The Structure of Local Government*; D. C. Rowat, *International Handbook on Local Government Reorganization*; A. H. Marshall, *Local Government Finance*; H. F. Alderfer, *Local Government in Developing Countries*; Committee on the Management of Local Government, Vol. IV, *Local Government Administration Abroad*; G. S. Blair, *American Local Government*; J. Lagroye and V. Wright, *Local Government in Britain and France*; J. Piekalkiewicz, *Communist Local Government*; W. A. Robson and D. E. Regan (Eds.), *Great Cities of the World*; A. H. Walsh, *The Urban Challenge to Government*; Layfield Committee on Local Government Finance, Appendix 5, *Report on Foreign Visits*; R. A. Dahl and E. R. Tuft, *Size and Democracy*; J. W. Fesler, *Area and Administration*; A. Maass, *Area and Power*; L. J. Sharpe (Ed.), *Decentralist Trends in Western Democracies*; S. Tarrow et al, *Territorial Politics in Industrial Nations*; R. C. Fried and F. F. Rabinowitz, *Comparative Urban Politics*. Other books and articles will be recommended at the beginning of the course.

Gv158 Aspects of Comparative Local Government (Seminar)

Professor G. W. Jones and Dr Dunleavy. Lent Term.

For M.Sc. and other interested graduate students.

Gv159 Urban Politics

Dr Dunleavy. Eight lectures, Lent Term.

For M.Sc. and other interested students.
Syllabus The field of urban political analysis: spatial, institutional and content definitions. Theoretical approaches to urban politics. The growth of the urban public services. Sectoral consumption cleavages. Public service unionization. The relative price effect and theories of urban fiscal crisis. Non-local sources of urban policy change. Urban policy systems in advanced industrial societies. Organizational structures for decentralized government and their distributive implications. Issues and non-issues in urban policy. Paradoxes of 'local democracy' in advanced societies. Comparative analysis of urban politics in poor capitalist and state socialist societies.

Recommended reading M. Castells, *City, Class and Power*; P. Dunleavy, *Urban Political Analysis*; J. Nelson, *Access to Power: Politics and the Urban Poor in Developing Nations*; J. O'Connor, *The Fiscal*

Crisis of the State; N. Polsby, *Community Power and Political Theory*; P. Saunders, *Urban Politics*; J. Simmie, *Citizens in Conflict*.

Gv160 Comparative Political Institutions: Government and Politics of Foreign Countries

Mr Panter-Brick, Mr Reddaway, Dr G. R. Smith and Mr Wolf-Phillips. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II.

For second-year students.

Description of course. This course acts as an introduction to the government and politics of foreign countries. It will include a treatment of different types of political system as well as a consideration of both major and minor states. The countries will be selected from the following range: France, Germany, U.S.A., U.S.S.R., India, Mexico, Nigeria, Pakistan, Poland and Sweden. In 1981-82 the following will be chosen: Germany, Nigeria, Pakistan, U.S.S.R.

Gv160(a) Classes

Five classes, Lent Term. In connection with each country.

For B.Sc. (Econ.) Part II.

For second-year students.

Gv161 Comparative Political Institutions: Theories in Comparative Politics

Dr G. R. Smith and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

For third-year students.

Gv161(a) Classes

Ten classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

For third-year students.

Gv162 Politics in Africa

Mr Panter-Brick. Eight lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols.; M.A. Area Studies—Africa, and others interested.

Syllabus A general survey and analysis of

governmental institutions and procedures, of the social and ideological context in which they function, and of the use made of concepts relating to authority, nationalism and tradition. Problems of political integration; the various kinds of political cleavage; factionalism within the one-party or no-party state. The means of securing political support, including relations of clientage. Modes of representation, formal and informal. Political instability; the role of the military in government.

Introductory reading H. Bienen, 'One Party Systems in Africa' in S. P. Huntington and C. H. Moore (Eds.), *Authoritarian Politics in Modern Society*; M. Crowder, *West Africa under Colonial Rule*, Part III; R. First, *The Barrel of a Gun*; S. P. Huntington, *Political Order in Changing Societies*; G. A Heeger, *The Politics of Under-development*; W. E. Gutteridge, *Military Regimes in Africa*; J. E. Goldthorpe, *Sociology of the Third World*; L. Mair, *New Nations*; J. Maquet, *Power and Society in Africa*; W. A. Lewis, *Politics in West Africa*; P. C. Lloyd, *Africa in Social Change*; K. Post, *The New States of West Africa*; D. Austen, *Politics in Africa*; B. Davidson, *Africa in Modern History*; G. Hermet *et al* (Eds.), *Elections Without Choice*; C. P. Potholm, *The Theory and Practice of African Politics*; A. A. Rostow, *A World of Nations*; A. Zolberg, *Creating Political Order*.

Note M.Sc. students should attend Courses Gv230, IR120 and IR158.

Gv162(a) Politics in Africa (Class)
Mr Panter-Brick. Michaelmas and Lent Terms.

Gv163 The Politics and Government of France

Dr Machin. Twenty lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.A. French Studies 3rd yr.; Dip. Int. and Comp. Pols.; M.Sc. and other interested graduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

Gv163(a) Politics and Government of France (Class)

Ten classes, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.A. French Studies 3rd yr.; Dip. Int. and Comp. Pols.

Gv164 Politics and Government of the U.S.A.

Professor Letwin. Twenty lectures, Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

Syllabus and **recommended reading** will be given at the beginning of the course.

Gv164(a) Class

Fortnightly, Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For B.Sc. (Econ.) Part II.

Gv165 Politics and Government of Russia

Professor Schapiro. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols. and other interested undergraduate and graduate students. Students are also referred to course Gv166. **Syllabus** and **recommended reading** will be given at the beginning of the course.

Gv165(a) Class

Mr Reddaway and Dr Lieven. Twenty classes, Michaelmas and Lent Terms.

Gv166 The Imperial State and the Modernisation of Russian Society, 1825-1917

Dr Lieven. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.; M.Sc. and other interested graduate and undergraduate students.

Syllabus The lectures will cover: (1) The traditions, aims, structure and development of the Russian Imperial State. (2) Key problems in the modernisation of Russian society. (3) The relationship between the state and the peasantry, intelligentsia and other social groups. (4) The impact of economic development on Russian politics and society. (5) The disintegration of imperial state and society in 1917. (6)

Comparisons between the efforts of the Imperial and Soviet regimes to modernise Russian society, and between the problems faced by pre-revolutionary Russian and contemporary Third World countries' governments.

Recommended reading will be announced at the beginning of the course.

Gv167 The Politics and Government of Germany

Dr G. R. Smith. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.; M.Sc. and other graduate students.

Syllabus Historical: The conditions of German unification in the nineteenth century. The consequences, social and political, of her belated nationhood. Continuities and discontinuities in the German political tradition and the influences of German political thought. Liberal democracy in the Weimar Republic; the factors leading to its breakdown. Specific and non-specific elements in the German form of totalitarianism. Post-war occupation and the period of 'democracy under licence'. The Federal Republic: The Basic Law of 1949. Constitutional innovations and the role of the Constitutional Court. The 'administrative' nature of German federalism. Government and politics in the Länder. Assembly-Government relations. The specific functions of the Bundesrat. The legislative process. The theory and practice of 'chancellor-democracy'. The German civil service. Civil-military relations. The major political traditions: Christian Democracy and Social Democracy. German liberalism. The failure of political extremism and the evolution of the party system since 1949. Coalition politics of the Adenauer era and after. Social aspects of politics. The sources of political consensus and cleavage. The representation of interests. The religious balance. Extra-parliamentary opposition. The changing class structure. The division of Germany and its impact on the political scene. The internal development of the German Democratic Republic, and the course of relations with the Federal Republic. The evolution and implications of the 'Ostpolitik'.

Recommended reading K. D. Bracher, *The German Dictatorship*; A. Bullock, *Hitler: A Study in Tyranny*; T. Burkett, *Parties and Elections in West Germany*; D. Conradt, *The German Polity*; R. Dahrendorf, *Society and Democracy in Germany*; K. Dyson, *Party,*

State and Bureaucracy in Western Germany; L. J. Edinger, *Politics in West Germany*; W. Graf, *The German Left since 1945*; A. Grosser, *Germany in Our Time: A Political History of the Post-War Years*; N. Johnson, *Government in the Federal Republic of Germany*; G. Loewenberg, *Parliament in the German Political System*; G. Mann, *The History of Germany since 1789*; P. M. Merkl, *The Origins of the West German Political System*; F. Neumann, *Behemoth: The Structure and Practice of National Socialism*; A. Nicholls and E. Matthias (Eds.), *Germany Democracy and the Triumph of Hitler*; W. Paterson, *The S.P.D. and European Integration*; G. Pridham, *Christian Democracy in Western Germany*; G. Smith, *Democracy in Western Germany*; K. Sontheimer, *The Government and Politics of West Germany*; J. K. Sowden, *The German Question, 1945-1974*; R. Tilford (Ed.), *The Ostpolitik and Political Change in Germany*; P. Windsor, *Germany and the Management of the Détente*.

Gv167(a) Class

Dr G. R. Smith. Twenty-five classes, Sessional.

Gv168 Politics and Government of Scandinavia

Mr Madeley. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc. and other interested students.

Syllabus The nation and state-building background up to the modern resolution of major constitutional issues. The development of modern patterns of social cleavage and their impact on mass politics from 1880. The rise of Social Democracy; an assessment of the myth and achievements. Non-socialist political traditions. Characteristic institutions and practices of government. The politics of compromise and the new corporatism. Foreign policy; neutralism, Nordic Co-operation and Europe.

Recommended reading N. Andren, *Government and Politics of the Nordic Countries*; J. B. Board, *The Government and Politics of Sweden*; D. A. Rustow, *The Politics of Compromise*; M. D. Hancock, *Sweden: The Politics of Post-Industrial Change*; N. Elder, *Government in Sweden*; R. Scase, *Social Democracy in Capitalist Society*; R. Huntford, *The New Totalitarians*; H. Valen and E. Katz, *Political Parties in Norway*; H. Eckstein, *Division and Cohesion*

in Democracy; J. A. Storing, *Norwegian Democracy*; K. E. Miller, *Government and Politics in Denmark*; D. Verney, *Parliamentary Reform in Sweden*; D. Rowat (Ed.), *The Ombudsman*; H. Friis, *Scandinavia Between East and West*; H. Helco, *Modern Social Policy in Britain and Sweden*; S. Rokkan, *Citizens, Elections, Parties*; H. Tingsten, *The Swedish Social Democrats*; S. V. Anderson, *The Nordic Council*; M. Childs, *Sweden, The Middle Way*; F. Wendt, *The Nordic Council and Co-operation in Scandinavia*; K. Cerny, *Scandinavia at the Polls*; Scandinavian Political Studies (annual volumes since 1966), S. Berglund and U. Lindstrom, *The Scandinavian Party Systems*.

Gv168(a) Class

Twenty classes, Michaelmas and Lent Terms.

Gv169 Communism and Nationalism in Eastern Europe since 1944

Mr Schöpflin. Twenty-two lectures, Sessional.
For B.Sc. (Econ.) Part II; B.A. Hist.

Gv169(a) Classes

Gv170 An Introduction to Latin American Politics

Dr Philip. Fifteen lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; M.Sc.; M.A. Area Studies and interested students.

Gv170(a) Classes

Dr Philip. Ten classes, Lent Term.

Gv171 Public Policy: Political and Economic Aspects

Professor Letwin. Twenty-five lectures, Sessional.
This course will not be given in 1981–82.

For B.Sc. (Econ.) Part II and graduate students.

Syllabus This course considers the modes of analysis devised by political scientists, economists, and others for evaluating public policies, as well as some principal varieties of public policies in the field of economics and the political procedures involved in

formulating them.

1. Theory of elections, game theory, cost-benefit analysis, systems analysis, general principles of policy-making.
2. Policies for full employment, price stability, economic growth, redistribution of income and wealth, regulating the structure of the economy.

Recommended reading J. E. Anderson, *Public Policy Making*; R. A. Dahl and C. E. Lindblom, *Politics, Economics and Welfare*; Y. Dror, *Public Policymaking Re-examined*; T. R. Dye, *Understanding Public Policy*; R. I. Hofferbert, *The Study of Public Policy*; C. O. Jones, *Introduction to the Study of Public Policy*; C. E. Lindblom, *The Policy Making Process*; A. Ranney, *Political Science and Public Policy*; L. L. Wade, *Elements of Public Policy*; S. Brittan, *Steering the Economy*; T. Dye, *Politics, Economics and the Public*; T. W. Hutchison, *Economists and Economic Policy in Britain, 1946–1966*; C. Schultze, *The Politics and Economics of Public Spending*; I. Sharkansky, *Politics of Taxing and Spending*; A. B. Wildavsky, *The Politics of the Budgetary Process*; R. Layard (Ed.), *Cost-Benefit Analysis*; B. M. Barry, *Sociologists, Economists and Democracy*; J. M. Buchanan and G. Tullock, *The Calculus of Consent*; A. Downs, *Economic Theory of Democracy*; M. Olson, *The Logic of Collective Action*; G. Tullock, *Private Wants, Public Means*; G. Tullock, *The Vote Motive*; I. Budge and Farlie, *Voting and Party*; R. Farquharson, *Theory of Voting*; M. Bacharach, *Economics and the Theory of Games*; S. J. Brams, *Game Theory and Politics*; S. J. Brams, *Paradoxes in Politics*; A. Rappaport, *Strategy and Conscience*; T. C. Schelling, *Strategy of Conflict*; D. Berlinski, *On Systems Analysis*; A. Dunsire, *The Execution Process*; D. Easton, *A Framework for Political Analysis*; F. E. Emery (Ed.), *Systems Thinking*; J. A. Litterer (Ed.), *Organizations*, 2 Vols.; E. J. Miller and A. K. Rice, *Systems of Organization*; J. M. Montias, *The Structure of Economic Systems*; L. W. Porter et al, *Behaviour in Organizations*.

ADVANCED COURSES

Gv201 History of Political Thought (Seminar)

Professor Kedourie, Professor Oakeshott, Dr Orr and Mr Charvet. Sessional.
For M.Sc.

Gv202 Political Philosophy (Seminar)

Professor Cranston, Mr Charvet and Dr Orr. Fortnightly, Sessional.
For registered Ph.D. students and others by permission.

Gv203 Greek Political Philosophy: The Concept of Justice

Dr Rosen. Fortnightly, Sessional.
For M.Sc.

Gv204 Modern Political Philosophy: Freedom and Equality

Mr Charvet. Fortnightly, Sessional.
For M.Sc.

Gv205 Greek Political Thought (Seminar)

Dr Rosen and Dr Morrall.
Fortnightly, Sessional.
This course will not be given in 1981–82.
For interested graduate students.

Gv206 Politics and Government of the United Kingdom (Seminars)

For M.Sc.
(i) **The State in Britain**
Dr R. S. Barker.
(ii) **Interpretations of the British Constitution**
Mr Beattie.
(iii) **History of British Politics in the twentieth century**
Mr Barnes.
(iv) **Political Ideas in the United Kingdom**
Dr R. S. Barker.

Gv207 Twentieth Century British Politics (Seminar)

Dr R. S. Barker. Lent Term.
For interested graduate and undergraduate students.

Gv208 Graduate Research Seminar in British Politics

Fortnightly, Michaelmas Term.
For interested research students.

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Gv209 Comparative Government (Seminar)

Mr Wolf-Phillips, Michaelmas and Lent Terms.
For M.Sc.

Gv210 Political Sociology Seminars

Dr Nossiter and Mr Madeley.
Sessional.
For M.Sc.
Note Students are also referred to course Ps163 The Mass Media and the Public Interest.

Gv211 Communism in India: Kerala 1931–1977

Dr Nossiter. Six lectures, Lent Term.
For M.Sc. and interested graduate and undergraduate students.
Syllabus Kerala's distinctive character. Origins of communist movement. The 1957–9 Communist Ministry. The split in the CPI in Kerala. Communist-led United front governments 1967–77 in theory and practice. The social basis of communist support.
Recommended reading P. Brass and M. Franda (Eds.), *Radical Politics in South Asia*; E. M. S. Namboodiripad, *Kerala, Yesterday, Today, and Tomorrow*; V. M. Fic, *Kerala, The Yenan of India*; T. J. Nossiter, 'Communist Leadership in Kerala' in B. Pandey (Ed.), *Leadership in South Asia*; T. J. Nossiter, *Communism in Kerala*.

Gv212 Public Policy and Planning

Professor Self and Dr Dunleavy.
Sixteen lectures, Michaelmas and Lent Terms.
For M.Sc. and interested graduate students.
Syllabus This course will analyse the process of public policy making and implementation, within the wider context of the role and functions of government in modern society, and the more limited context of political and administrative processes. There will be attention to particular policy arenas such as energy, transportation, and housing, and to forms of governmental planning (economic, environmental, policy co-ordination); also to the roles of interested groups, professions, semi-public bodies, and private organisations in the formulation and implementation of public policies. The course will also cover normative theories of policy-making and planning, concepts of rational decision-making, and methods of public

evaluation including the contributions of social sciences. Case studies will be used for illustration.

Recommended reading will be announced weekly.

Gv213 Public Policy and Planning (Seminar)

Professor Self and Dr Dunleavy. Ten seminars, Michaelmas Term. For M.Sc. and other interested graduate students.

This seminar will be held weekly in conjunction with course Gv212.

Syllabus Planning, incrementalism, rational decision-making. Critique of comprehensive planning. Forms and methods of alternative planning. Inter-organizational decision making systems. The political and administrative context of policy making. Ideology and public policy. The influence of social theories and beliefs on policy change. The general contribution of social science to policy making.

Recommended reading to be announced weekly.

Gv214 Policy Analysis (Seminar)

Dr Dunleavy and Professor Self. Ten seminars, Lent Term. For M.Sc. and interested graduate students; undergraduates by permission.

Syllabus Methods of analysing policy problems and evaluating outcomes. The integration of policy analytic perspectives into policy making processes. The criteria for policy evaluation. Methods of delimiting policy issues and appropriate frameworks for analysis. Notions of 'rationality', efficiency and effectiveness in policy making. Cost-utility analysis, C.B.A. and decision analysis. Environmental and social impact assessment. The role and problems of forecasting. Social indicators research. *Post hoc* evaluation of expenditure programmes using cost-utility and mixed techniques. Economic models of elections, the interest group process and the operations of bureaucracies. Inter-organizational policy making and inquiry procedures. Problems of applying policy analytic techniques in situations of imperfect information.

Introductory reading M. Carley, *Rational Techniques in Policy Analysis*; M. Rein, *Social Sciences and Public Policy*; C. Lindblom and D. K. Cohen, *Useable Knowledge*; H. R. van Gunsteren, *The Quest for Control*; W. I. Jenkins, *Policy Analysis*;

A Political and Organizational Perspective; E. Stokey and R. Zeckhauser, *A Primer in Policy Analysis*.

Gv215 Data Analysis for Political Science and Public Policy

Dr Dunleavy. Fifteen seminars, Lent and Summer Terms.

For Research students; optional M.Sc. **Syllabus** The application of methods for analysing quantitative data in political science and policy studies. Participants will be expected to develop their own studies using data tapes available from the S.S.R.C. Survey Archive. Familiarity with basic statistical methods or prior completion of recommended reading will be essential.

Introductory reading J. Kohout, *Statistics for Social Scientists*.

Gv216 Administrative Theories

Dr R. M. Thomas. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. Man. Sci.; M.Sc. and other graduate and undergraduate students interested.

Syllabus An analysis of theories underlying public administration drawn from administrative and organisation theory, political science, business management, social psychology and sociology. The theories concern an administrative philosophy and ethics, leadership, modern management developments, the environment of organisations (including the implications of science and technology), systems theory, bureaucracy, human relations and the traditional theories of scientific management and the politics-administration relationship.

Recommended reading R. Thomas, *The British Philosophy of Administration*; C. Hodgkinson, *Towards a Philosophy of Administration*; S. Bok, *Lying; Moral Choice in Public and Private Life*; J. MacGregor Burns, *Leadership*; F. Marini (Ed.), *Toward a New Public Administration*; P. Self, *Administrative Theories and Politics*; J. Garrett, *Managing the Civil Service*; T. Burns and G. M. Stalker, *The Management of Innovation*; P. Lawrence and J. Lorsch, *Organization and Environment*; E. J. Miller and A. K. Rice, *Systems of Organisations*; R. K. Merton (Ed.), *Reader in Bureaucracy*; C. Argyris, *Personality and Organisation*; F. J. Roethlisberger and W. J. Dickson, *Management and the Worker*; F. W. Taylor, *The Principles of Scientific Management*;

Woodrow Wilson, 'The Study of Administration' in P. Woll (Ed.), *Public Administration and Policy*. Further reading will be given during the course.

Gv217 Urban and Regional Planning Politics and Administration (i) The Planning of Big Cities and City Regions

Professor Self. Eight lectures, Michaelmas Term.

For M.Sc.

Syllabus Governmental organisation and planning systems in big cities and city regions. A survey of the planning policies of city governments, metro governments, regional planning organisations, and national governments. Relation between national and local policies and politics. Policies over land and development, urban renewal, and new towns. Types of planning: regulatory and developmental, comprehensive, fragmentary, strategic. Ideals and reality in planning. The role and status of planning agencies. Illustrations will be drawn from urban planning throughout the world, especially in Europe and North America.

Recommended reading A. Altshuler, *The City Planning Process*; M. Anderson, *The Federal Bulldozer*; W. Ashworth, *The Genesis of Modern British Town Planning*; J. B. Cullingworth, *Town and Country Planning in England and Wales* (2nd edn.); D. Foley, *Controlling London's Growth*; H. J. Gans, *People and Plans*; J. A. G. Griffith, *Central Departments and Local Authorities*, Chapter 5; Peter Hall, *London 2,000* (2nd edn.); T. Hancock (Ed.), *Growth and Change in the Future City Region*; D. Heap, *An Outline of Planning Law* (5th edn.); Jane Jacobs, *The Life and Death of Great American Cities*; M. Meyerson and E. Banfield, *Politics, Planning and Public Interest*; Ministry of Housing and Local Government, *The Future of Development Plans*; F. J. Osborn and A. Whittick, *New Towns: The Answer to Megalopolis*; D. Popenoe, *The Suburban Environment: Sweden and the U.S.A.*; A. Rose, *Governing Metropolitan Toronto*; J. Rubenstein, *The French New Towns*; P. Self, *Cities in Flood: The Problems of Urban Growth* (2nd edn.); Metropolitan Planning, *The Planning System of Greater London*; D. Senior (Ed.), *The Regional City*; F. Shaffer, *The New Town Story*; Skeffington Committee, *People and Planning*; J. Michael Thomson, *Great Cities and their Traffic*.

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(ii) Regional Policies

Dr Hebbert. Five lectures, Lent Term.

For M.Sc.

Syllabus Rational-comprehensive, incrementalist and other theories of the planning process, their application to spatial planning, and the limitations of procedural theory; institutional factors in the implementation of regional policies in planned economies and in developing countries.

Recommended reading R. Bilski *et al.*, *Can Planning Replace Politics?*, Chapter 1; A. Faludi, *A Reader in Planning Theory*; J. Friedmann and W. Alonso, *Regional Development and Planning*; A. Gilbert (Ed.), *Development Planning and Spatial Structure*; D. Gillingwater and D. Hart (Eds.), *The Regional Planning Process*; B. Gross, *Action Under Planning*; A. Kuklinski (Ed.), *Regional Development and Planning: International Perspectives*; H. Stretton, *Urban Planning in Rich and Poor Countries*. References to the periodical literature will be provided during the course.

Gv218 Urban and Regional Planning: Politics and Administration (Seminar)

Professor G. W. Jones, Dr Dunleavy and Dr R. M. Thomas.

Michaelmas and Lent Terms.

For M.Sc. Other students may attend only by permission.

Gv219 Law and Administration (Seminar)

Professor Griffith, Dr. R. M. Thomas and Mr Dawson. Summer Term.

For M.Sc. and other interested graduate students.

Syllabus This seminar will discuss the relationship between law and administration and the role of law in controlling the exercise of administrative discretion. The approach will be partly theoretical and partly applied. The main focus will be on the experience of Britain, France and North America.

Recommended reading K. C. Davis *et al.*, *Discretionary Justice in Europe and America*; K. C. Davis, *Discretionary Justice*; J. A. Farmer, *Tribunals and Government*; R. Gregory and P. G. Hutchesson, *The Parliamentary Ombudsman*; J. A. G. Griffith and T. C. Hartley, *Government and*

Law; J. A. G. Griffith and H. Street, *Principles of Administrative Law* (5th edn.); J. Jowell, *Law and Bureaucracy*; P. Nonet, *Administrative Justice*; B. Schwartz and H. W. R. Wade, *Administrative Law in Britain and the United States*; R. A. Wraith and P. G. Hutchesson, *Administrative Tribunals*.

Gv220 Public Enterprise

Professor Garner. Ten lectures, Lent Term.

For M.Sc.

Syllabus The scope and functions of public enterprise in mixed economies. The difficulty of definition because of interpenetration (i.e. the penetration of public enterprise into government and private enterprise and vice versa). The principal forms of organisation—government departments, public corporations, joint stock companies—in Britain and overseas. The relationships of public enterprise with the legislature, government, the Courts, consumers and other special interests. Why the control and accountability of public enterprises causes problems; the various means attempted of solving these problems. Corporate planning. The emergence of international public enterprises. E.E.C. rules and practice on public enterprises. Comparisons with “enterprises” in planned economies. The strengths of public enterprise and its dangers, in developed and developing countries.

Recommended reading Select Committee on Nationalised Industries, *Report on Ministerial Control*, H.C. 371, 1967–68; HMSO, *The Nationalised Industries* (Cmd. 1337, 3437 and 7131); National Economic Development Office, *A Study of U.K. Nationalised Industries*, Report and Appendix Volume, HMSO, 1976; Sir Norman Chester, *The Nationalisation of British Industries 1945–51*; Groupe de Travail du Comité interministeriel des Entreprises publiques, *Rapport sur les Entreprises publiques*, (The Nora Report, Documentation française, 1968); Conseil économique et social, *Avis et Rapport: Le Financement des Entreprises publiques* (The Vedel Report, Journaux officiels, 1976); Royal Commission on Financial Management and Accountability, (Canada), *Final Report* (Canadian Government, Publishing Centre, 1979); United Nations, *Organisation, Management and Supervision of Public Enterprises in Developing Countries* (U.N. 1974, ref. ST/TAO/M/65); M. Beesley and T. Evans, *Corporate Social*

Responsibility: A Re-assessment; D. Coombes, *State Enterprise: Business or Politics*; P. Dreyfus, *La Liberté de Réussir*; C. D. Foster, *Politics, Finance and the Role of Economics*; W. Friedmann and J. F. Garner (Eds.), *Government Enterprise: A Comparative Study*; Y. Ghai (Ed.), *Law in the Political Economy of Public Enterprise*; A. H. Hanson, *Public Enterprise and Economic Development*; H. Morrison, *Socialisation and Transport*; L. Musolf, *Mixed Enterprise: A Development Perspective*; L. Narain, *Principles and Practice of Public Enterprise Management*; A. H. Walsh, *The Public's Business*.

Gv221 Problems of Public Enterprise (Seminar)

Professor Garner. Ten meetings, Lent Term.

For M.Sc. Undergraduates may attend by permission.

Gv222 Public Administration (Seminar)

(i) Comparative Administration Structures and Systems

Professor G. W. Jones. Michaelmas Term.

(ii) Processes in Administration

Dr R. M. Thomas. Lent Term.
For M.Sc.

Gv223 Policy Implementation (Seminar)

Professor Self and Dr J. Bourn. Eight seminars, Summer Term.

For M.Sc. and other interested undergraduate and graduate students.

Syllabus The influence of administrative structures, procedures and conventions on the conception and implementation of public policy. The opportunities and limitations presented by administrative theories and techniques (for analysing options, reaching decisions, designing and adapting organisations, personnel management and for audit, review and control). The development and operations of public service unions. Public and pressure group perception of and reactions to the work of public agencies. Public relations and the media. Intended and accidental outcomes. Implications of membership of international organisations.

Gv224 The British Civil Service (Seminar)

Professor Self, Professor G. W. Jones, Mr Dawson and Dr R. M. Thomas. Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci.; M.Sc. and other interested undergraduate and graduate students. The seminar will include contributions from senior Civil Servants and others with experience of the workings of government.

Gv225 French Government (Seminar)

Dr Machin. Fifteen seminars, Michaelmas and Summer Terms.

For M.Sc. and other interested graduate students.

Syllabus and **reading list** will be given at the start of the seminar.

Gv226 West European Studies (Interdepartmental Seminar)

Dr G. R. Smith, Mr Taylor, Dr Machin and Dr Sked. Fortnightly, Sessional.

For M.Sc. and interested graduate students. The purpose of this seminar will be to explore problems of modernisation and change in contemporary Western Europe.

Gv227 Soviet and Eastern European Problems (Seminar)

Professor Schapiro, Mr Reddaway and Mr Schöpflin will hold a weekly seminar throughout the session on current political problems and on historical questions in the Soviet and Communist orbit for graduates working under their supervision. Others may attend strictly by invitation.

Gv228 Russian Politics and Political Thought (Seminar)

Mr Reddaway and Dr Lieven. Sessional.

For M.Sc. and other graduate students. The seminar will be concerned mainly with the syllabus for M.Sc.: *The Politics and Government of Russia*, but other interested graduate students may attend by arrangement.

Gv229 Politics and Government in the Middle East

Professor Kedourie. Ten lectures, Lent Term.

For graduate students and others interested in the subject.

Syllabus Islamic political thought and traditions of government. The breakdown of the old order. The Ottoman Reform and its outcome: society and government in the Ottoman Empire and Egypt in the nineteenth century. Islamic Reform. Nationalism. Muslims and non-Muslims. The Persian Revolution, 1906 and the Young Turk Revolution, 1908–9. The destruction of the Ottoman Empire. The successor states. Constitutionalism and authoritarianism. Pan-Arabism and Zionism.

Recommended reading C. C. Adams, *Islam and Modernism in Egypt*; G. Antonius, *The Arab Awakening*; T. W. Arnold, *The Caliphate* (2nd edn., 1965); N. Berkes, *The Development of Secularism in Turkey*; M. H. Bernstein, *The Politics of Israel*; E. G. Browne, *The Persian Revolution*; R. H. Davison, *Reform in the Ottoman Empire 1856–1876*; C. N. E. Eliot, *Turkey in Europe*; D. Farhi, “*Şariat as a Political Slogan*” (*Middle Eastern Studies*, Vol. 7, No. 3, October 1971); D. Farhi, “*Nizami-Cedid—Military Reform in Egypt under Mehmed Ali*”, *Asian and African Studies*, Vol. 8, No. 2, 1972; H. W. G. Glidden, “*Arab Unity: Ideal and Reality*” in J. Kritzeck and B. Winder (Eds.), *The World of Islam*; S. G. Haim, *Arab Nationalism*; A. Hourani, *Arabic Thought in the Liberal Age, 1798–1939*; A. Hertzberg, *The Zionist Idea*; J. C. Hurewitz, *The Struggle for Palestine*; K. Karpat, *Turkey's Politics*; N. R. Keddie, *An Islamic Response to Imperialism*; E. Kedourie, “*Islam Today*” in B. Lewis (Ed.), *The World of Islam; England and the Middle East; The Chatham House Version; Afghani and Abduh; Arabic Political Memoirs; In the Anglo-Arab Labyrinth; Islam in the Modern World*; A. K. S. Lambton, *Islamic Society in Persia*; W. Z. Laqueur (Ed.), *The Middle East in Transition*; B. Lewis, *The Emergence of Modern Turkey*; A. H. Lybyer, *The Government of the Ottoman Empire in the time of Suleiman the Magnificent*; R. Montagne, “*The Modern State in Africa and Asia*” (*The Cambridge Journal*, 1952); E. E. Ramsaur, *The Young Turks*; P. Rondot, *Les Institutions Politiques du Liban*; E. I. J. Rosenthal, *Political Thought in Medieval Islam*; Kamal Salibi, *The Modern History of Lebanon*; D. de Santillana, “*Law and Society*” in *The Legacy of Islam* (1st

edn.); S. Shaw, "The origins of Ottoman Military Reform" (*Journal of Modern History*, Vol. 37, 1965); P. J. Vatikiotis, *The Modern History of Egypt*; G. E. Von Grunebaum, *Islam* (2nd. edn., 1961); *Modern Islam*; D. Warriner, *Land and Poverty in the Middle East*; J. Weulersse, *Paysans de Syrie et du Proche-Orient* (Bk. 1, chap. 2); V. R. Swenson, "The Military Rising in Istanbul, 1909" (*Journal of Contemporary History*, Vol. 5, No. 4, October 1970).

Gv230 Government and Administration in New and Emergent States

Mr Dawson. Ten lectures, Lent Term.

For M.Sc.; M.A. Area Studies. Optional for B.Sc. (Econ.) Part II; Dip. Soc. Plan.

Syllabus The influence of indigenous and colonial administrative systems and of later reform movements, the background, values and attitudes of public officials, political and public perceptions of government. Administrative/political and civil service/military relationships, administrative behaviour in single party states. Public administration as an agency for change, innovation and planning, the significance of field administration, problems and methods of decentralisation, the role of public corporations.

Recommended reading Ralph Braibanti (Ed.), *Political and Administrative Development*; N. Caiden and A. Wildavsky, *Planning and Budgeting in Poor Countries*; F. Heady and S. L. Stokes (Eds.), *Papers in Comparative Public Administration*; S. Huntington, *Political Order in Changing Societies*; G. Hyden, *Development Administration in Kenya*; J. La Palombara (Ed.), *Bureaucracy and Political Development*; C. Leys (Ed.), *Politics and Change in Developing Countries*; M. Lipton, *Why Poor People Stay Poor*; R. S. Milne and K. J. Ratnam, *New States in a New Nation* (Especially Chapters 6, 7 and 8); D. J. Murray (Ed.), *Studies in Nigerian Administration*; F. W. Riggs, *Frontiers of Development Administration*; I. Swerdlow, *The Public Administration of Economic Development*; H. Wriggins, *The Rulers Imperative*.

Gv230(a) Government and Administration in New and Emergent States (Seminar)

Mr Dawson. Summer Term.
For M.Sc.

Gv231 Government Regulation of the American Economy (Seminar)

Professor Letwin. Lent and Summer Terms.

This course will not be given in 1981-82.

For graduate students.

Gv232 Comparative Constitutions (Seminar)

Mr Wolf-Phillips. Ten seminars, Lent Term.

For graduate students in the Government department and others by invitation.

Gv233 European Multi-Party Systems (Seminar)

Dr G. R. Smith. Sessional.

For M.Sc.

Gv234 The Politics and Government of Germany (Seminar)

Dr G. R. Smith. Sessional.

For M.Sc. and others interested.

Note: For lectures on German Politics see course No. Gv167.

Gv235 German National Socialism (Seminar)

Dr G. R. Smith. Sessional.

For M.Sc. only.

Gv236 The Politics and Government of Western Europe

Dr Machin, Mr Madeley and

Dr G. R. Smith. Ten fortnightly Michaelmas and Lent Terms.

For M.Sc. and other interested graduate students.

Gv237 The Politics and Government of Western Europe (Seminar)

Dr G. R. Smith, Dr Machin and Mr Madeley. Sessional.

For M.Sc. and other interested graduate students by permission.

Note: For Politics and Government of Scandinavia see course No. Gv168.

Gv238 Latin American Studies: The Military in Latin American Politics (Seminar)

Dr Philip. Ten seminars, Lent Term.

For M.A. Area Studies; M.Sc. and interested graduate students.

Gv239 Political Sociology in Latin America (Seminar)

Dr Philip and Dr Roxborough.

Twenty seminars, Michaelmas and Lent Terms.

For M.A. Area Studies; M.Sc. and interested graduate students.

Note: For lectures on Latin American Politics see course No. Gv170.

Gv240 The Politics and Government of Italy

Dr Hine. Eight lectures, Lent Term.

For M.Sc. and interested graduate and undergraduate students.

Syllabus and **recommended reading** will be given at the beginning of the course.

Gv241 Urban and Regional Problems, Industrialism and Modes of Production

Dr Dunleavy and Mr Simmie. Ten seminars, Michaelmas Term.

For any interested graduate or undergraduate students.

Syllabus This series examines to what extent the urban and regional problems associated with advanced industrial states can be viewed as consequences of specific modes of production (capitalism, state socialism etc.) or as general corollaries of industrialization. **Recommended reading** will be announced at the start of the seminar.

Industrial Relations

Id100 Industrial Relations: A Comparative Analysis

Professor Roberts and Mr Marsden. Ten lectures, Michaelmas Term.

For M.Sc.; The Trade Union Studies course; Dip. Personnel Management; and other graduate and undergraduate students.

Syllabus Some aspects of the development of industrial relations in the U.S.A., U.S.S.R., and Europe. The development of trade union organization, functions and methods of collective bargaining. The role of the state with reference to wage determination and the settlement of industrial conflicts. The pattern of industrial relations at the plant level.

Recommended reading I. Deutscher, *Soviet Trade Unions*; G. R. Barker, *Some Problems of Incentives and Labour Productivity in Soviet Industry*; F. R. Dulles, *Labor in America*; H. W. Davey, *Contemporary Collective Bargaining*; D. H. Wollett and B. Aaron, *Labor Relations and the Law*; Thomas Lowit, *Le Syndicalisme de Type Soviétique*; E. M. Kassalow, *Trade Unions and Industrial Relations*; J. D. Reynaud, *Les Syndicats en France*; M. Stewart, *Employment Conditions in Europe*; M. Bouvard, *Labor Movements in the Common Market Countries*; H. J. Spiro, *The Politics of German Co-determination*; K. F. Walker, *Australian Industrial Relations Systems*; B. C. Roberts, *Labor in the Tropical Territories of the Commonwealth*; A. F. Sturmthal, *Contemporary Collective Bargaining in Seven Countries*; B. C. Roberts (Ed.), *Industrial Relations: Contemporary Issues*; *British Journal of Industrial Relations* (Special Issue on Japan, July 1965, Vol. III, No. 2); F. Harbison and C. Myers, *Management in the Industrial World*; A. F. Sturmthal, *Workers' Councils*; A. A. Sloane and F. Witney, *Labor Relations*; J. P. Windmuller, *Labor Relations in the Netherlands*; H. H. Wellington, *Labor and the Legal Process*; Hans Gunter, *Transnational Industrial Relations*; I.L.O., *Collective Bargaining in Industrialised Market Economies*; E. Jacobs, *European Trade Unionism*; W. Kendall, *The Labour Movement in Europe*; S. Barkin, *Worker Militancy and Its Consequences 1965-1975*; B. Aaron and K. W. Wedderburn, *Industrial*

Conflict—A Comparative Legal Survey; B. C. Roberts and Bruno Liebhaber, 'The European Trade Union Confederation: Influence of Regionalism, Detente and Multinationals', in *British Journal of Industrial Relations* (Vol. XIV, No. 3, November 1976); W. Galenson and K. Odaka, 'The Japanese Labor Market' in H. Patrick and H. Rosovsky (Eds.), *Asia's New Giant*; J. T. Dunlop and W. Galenson, *Labor in the Twentieth Century*; David Marsden, *Industrial Democracy and Industrial Control in West Germany, France and Great Britain*; O.E.C.D., *Collective Bargaining and Government Policies in 10 O.E.C.D. Countries*; B. C. Roberts (Ed.), *Towards Industrial Democracy*.

Id100(a) Classes

Ten classes, Michaelmas Term.
For M.Sc.

Id101 Industrial Relations: A Theoretical Analysis

Mr Meredeem and Dr Wood. Ten lectures, Lent Term.

For graduate students.

Syllabus An analysis of theoretical approaches to the study of management, trade union and State organisation and policies; models of wage determination and collective bargaining processes; conceptual and ideological problems in industrial relations literature and research; the integration of multi-disciplinary approaches to industrial relations problems.

Recommended reading S. and B. Webb, *A History of Trade Unionism*; S. and B. Webb, *Industrial Democracy*; J. Dunlop, *Industrial Relations Systems*; H. A. Turner, *Trade Union Growth, Structure and Policy*; A. Flanders (Ed.), *Collective Bargaining*; O. Kahn-Freund, *Labor and the Law*; T. Burns (Ed.), *Industrial Man*; W. E. J. McCarthy (Ed.), *Trade Unions*; G. Sommers (Ed.), *Essays in Industrial Relations Theory*; R. Blackburn (Ed.), *Ideology in Social Science*; C. Kerr et al, *Industrialism and Industrial Man*; J. Galbraith, *The New Industrial State*; S. Perlman, *A Theory of the*

Labour Movement; E. Hobsbawm, *Labouring Men*; R. Lester, *As Unions Mature*; R. Walton and R. McKersie, *A Behavioural Theory of Labor Negotiations*; N. Chamberlain, *Collective Bargaining*; R. Herding, *Job Control and Union Structure*; R. Hyman, *Marxism and the Sociology of Trade Unionism*; A. Fox, *Beyond Contract: Work, Power and Trust Relations*; E. M. Kassalow, *Trade Unions and Industrial Relations*; R. Currie, *Industrial Politics*; B. J. McCormick and E. Owen Smith (Eds.), *The Labour Market*; G. Ingham, *Strikes and Industrial Conflict*; M. Warner (Ed.), *The Sociology of the Workplace*; J. Child (Ed.), *Man and Organisation*; G. Bain et al, *Social Stratification and Trade Unionism*; H. A. Clegg, *Trade Unionism Under Collective Bargaining*; R. Hyman, *Social Values and Industrial Relations*; G. D. H. Cole, *Self-Government in Industry*; N. Chamberlain, *A General Theory of Economic Processes*. See also *British Journal of Industrial Relations*; *Industrial and Labour Relations Review*; *The Journal of Industrial Relations*.

Id101(a) Classes

Lent and Summer Terms.

Id102 Industrial Relations and Personnel Management: Problems and Issues (Seminar)

Professor Roberts, Dr Kelly, Mr Meredeem and Mr Marsden.

Twenty-five seminars, Sessional.
For M.Sc.

Syllabus An analysis of policy issues in British industrial relations: State planning and industrial relations—incomes policies, labour market mechanisms, and the legal framework, collective bargaining—historical and contemporary developments; workplace industrial relations—pay systems and structures and the role of shop stewards and supervisors; trade union structure and development, political behaviour and inter-union relations; management organisation and objectives, the personnel function and employers' associations. Manpower planning as an aspect of corporate planning; recruitment and selection policies and practices; establishing training policies and procedures; the organisation and evaluation of training; promotion policies and management development; wage and salary policies and

methods, job satisfaction and the quality of working life; social responsibilities of management.

Recommended reading E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; A. Flanders, *The Fawley Productivity Agreements*; G. S. Bain, *The Growth of White Collar Unionism*; K. W. Wedderburn, *The Worker and the Law*; A. Fox, *A Sociology of Work in Industry*; R. O. Clarke et al, *Workers' Participation in Management in Britain*; W. Brown, *Piecework Bargaining*; W. E. J. McCarthy and N. D. Ellis, *Management by Agreement*; W. E. J. McCarthy (Ed.), *Trade Unions*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain*; R. Simpson and J. Wood, *Industrial Relations and The 1971 Act*; J. Eldridge, *Industrial Disputes*; K. Coates and T. Topham, *The New Unionism*; A. Marsh, *Workplace Industrial Relations in Engineering*; K. Hawkins, *Conflict and Change*; J. Goodman and T. Whittingham, *Shop Stewards*; R. Hyman, *Strikes*; P. Jenkins, *The Battle of Downing Street*; A. Beynon, *Working for Ford*; T. Lane and K. Roberts, *Strike at Pilkingtons*; E. Wigham, *The Power to Manage*; J. Hinton, *The First Shop Stewards' Movement*; I. Richter, *Political Purpose in Trade Unions*; D. Mackay et al, *Labour Markets Under Different Employment Conditions*; D. Jackson et al, *Do Unions Cause Inflation?*; K. Coates and T. Topham (Eds.), *Workers' Control*; F. Blackaby (Ed.), *An Incomes Policy for Britain*; R. Hyman, *Disputes Procedures*; Report of the Royal Commission on Trade Unions and Employers' Associations 1965-68 (Cmnd. 3623); Research Papers published by the Royal Commission, Nos. 1-11; The Industrial Relations Act 1971; J. Child, *British Management Thought*; J. Child, *The Business Enterprise in Modern Industrial Society*; R. L. Craig and L. R. Bittel, *Training and Development Handbook*; P. Hesselung, *Strategy of Evaluation Research in the field of supervisory and managerial training*; A. J. Jaffe and J. Froomkin, *Technology and Jobs*; B. Livy, *Job Evaluation*; S. Murkherjee, *Changing Manpower Needs*; E. W. Vetter, *Manpower Planning for High Talent Personnel*; V. H. Vroom and E. L. Deci (Eds.), *Management and Motivation*. See also *British Journal of Industrial Relations*; *Personnel Management Quarterly*; *The Journal of Management Studies*.

Id103 Current Labour and Management Problems

Professor Roberts and members of the department. Sessional.

An interdisciplinary seminar with visiting speakers on the problems of industrial relations. Open to graduates taking labour economics, labour law, industrial sociology, industrial relations and related subjects.

Id104 Industrial Relations

Mr Meredeen. Twenty lectures, Michaelmas and Lent Terms.

For Trade Union Studies course; Dip. Personnel Management; Dip. Systems Analysis and Design; Dip. Acct.; Dip. Bus. Studies; B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.

Syllabus Analysis of the structure of the British system of industrial relations. The growth, organization and ideology of the trade unions. Factors determining the pattern of industrial relations at the level of the enterprise. The dynamics of collective bargaining. The role of management and employers' associations. Relations at the national level between trade unions, employers and the Government. Functions of the Department of Employment and statutory bodies. Theories of industrial relations.

Recommended reading E. H. Phelps Brown, *The Growth of British Industrial Relations*; H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; B. C. Roberts (Ed.), *Industrial Relations; Contemporary Problems and Perspectives*; A. Flanders, *Management and Unions*; B. C. Roberts, *Trade Union Government and Administration in Great Britain*; Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968 (Cmd. 3623); Research Papers published by the Royal Commission, Nos. 1-11; W. E. J. McCarthy, *The Closed Shop in Britain*; V. L. Allen, *Trade Unions and the Government*; A. Flanders (Ed.), *Collective Bargaining*; A. Marsh, *Workplace Industrial Relations in Engineering*; W. Paynter, *British Trade Unions and the Problem of Change*; W. E. J. McCarthy (Ed.), *Trade Unions*; D. Pym (Ed.), *Industrial Society*; K. W. Wedderburn, *The Worker and the Law*; R. O. Clarke et al, *Workers' Participation in Management in Britain*; B. C. Roberts et al, *Reluctant Militants*; K. Hawkins, *Conflict and Change*; Hans Gunter, *Transnational Industrial Relations*; O. Kahn-Freund, *Labour and the Law*; J. Goodman and T.

Whittingham, *Shop Stewards*; R. Hyman, *Strikes*; G. Bain, *The Growth of the White Collar Unions*; H. A. Clegg, *Trade Unionism Under Collective Bargaining*; H. Friedman and S. Meredeen, *The Dynamics of Industrial Conflict: Lessons from Ford*.

Id104(a) Industrial Relations (Class) Sessional.

For the Trade Union Studies course.

Id104(b) Industrial Relations (Class) Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u.

Id106 Industrial Sociology

Dr S. R. Hill and Professor Thurley. Twenty-five lectures, Sessional.

For graduate students with previous sociological training.

Syllabus Industrialization and social structure. Social class theories. Social power, elites, and ruling classes. The internal structure of the working class and the position of white-collar workers. Racial and sexual discrimination in industry. Occupations in industry. Occupational structure and analysis. Theory of bureaucracy and other models of organization. Organizational conflict and sectional interests. Innovation and professional workers in organizations. Trade Unions as organizations. Conflict and the employment relationship. Orientations to work: 'traditional' and 'modern' workers. Culture and work behaviour: the Japanese case. Work groups, technical factors and the structure of the workplace. 'Human relations'. Alienation, job satisfaction and technology. Motivation theory. Supervision and management. Work and leisure.

Recommended reading H. Beynon, *Working for Ford*; A. Fox, *A Sociology of Work in Industry*; M. Mann, *Consciousness and Action among the Western Working Class*; D. Silverman, *The Theory of Organisations*; J. Goldthorpe and D. Lockwood, *The Affluent Worker*; R. Dore, *Japanese Factory - British Factory*; R. Cole, *Japanese Blue Collar*; L. Sayles, *Behaviour of Industrial Work Groups*; T. Lupton, *On the Shop Floor*; S. Cunnison, *Wages and Work Allocation*; J. Kuhn, *Bargaining in Grievance Settlement: The Power of Industrial Work Groups*; W. Daniel, *Beyond the Wage-work Bargain*; R. Blauner, *Alienation and Freedom*; A. Touraine, *Workers' Attitudes to Technical*

Change; M. Mann, *Workers on the Move*; W. Baldamus, *Efficiency and Effort*; K. Thurley and H. Wirdenius, *Supervision: A Reappraisal*; R. Hall, *Occupations and the Social Structure*; B. Moore, *Social Origins of Dictatorship and Democracy*; A. Giddens, *The Class Structure of the Advanced Societies*; R. Neale, *Class and Ideology in the Nineteenth Century*; G. Bain, D. Coates and V. Ellis, *Social Stratification and Trade Unionism*; M. Crozier, *The World of the Office Worker*; A. Sturmhthal (Ed.), *White-Collar Trade Unions*; G. Bain, *The Growth of White-Collar Unionism*; J. Urry and J. Wakeford, *Power in Britain*; J. Child, *British Management Thought*; T. Nichols, *Ownership, Control and Ideology*; V. Allen, *The Sociology of Industrial Relations*; G. Mackenzie, *The Aristocracy of Labour*; A. Gorz, *The Division of Labour*; T. Caplow, *The Sociology of Work*; L. Hunter and G. Reid, *Urban Worker Mobility*; P. Hollowell, *The Lorry Driver*; M. Butler, *Occupational Choice*; M. Albrow, *Bureaucracy*; M. Crozier, *The Bureaucratic Phenomenon*; P. Blau and W. Scott, *Formal Organisations*; C. Sofer, *Organisations in Theory and Practice*; P. Lawrence and J. Lorsch, *Organisation and Environment*; J. Jackson (Ed.), *Professions and Professionalization*; T. Johnson, *Professions and Power*; G. Millerson, *The Qualifying Associations*; T. Burns and G. Stalker, *The Management of Innovation*; M. Dalton, *Men Who Manage*; E. Hobsbawm, *Labouring Men*; T. Burns, *Industrial Man*; J. Child, *Man and Organization*; M. Warner, *The Sociology of the Workplace*; D. Bell, *The Coming of Post-Industrial Society*; R. Blackburn, *Ideology in Social Science*; R. Hyman, *The Workers' Union*; H. Braverman, *Labor and Monopoly Capital*; M. Bulmer (Ed.), *Working Class Images of Society*; F. Parkin, *The Social Analysis of Class Structure*; R. Herding, *Job Control and Union Structure*; A. Fox, *Beyond Contract*; S. R. Hill, *The Dockers*; J. Habermas, *Legitimation Crisis*; C. J. Crouch, *Class Conflict and the Industrial Relations Crisis*.

Id106(a) Industrial Sociology

Weekly seminar groups in connection with Course Id106.

Id107 Industrial Organisation: Theory and Behaviour (I)

Dr Wood, Professor Thurley and Dr Kelly. Twenty-five lectures (and cases), Sessional.
For Dip. Systems Analysis; Dip. Personnel

Management; Dip. Man. Sci.; B.Sc. c.u. main field Man. Sci.

Syllabus Work motivation; individual job competence and group performance; management control systems; organisational effectiveness and decision-making; management authority; management/worker conflict; intra-organisational conflict; resistance to change; changing organisations. Major approaches to change: scientific management; human relations; self-actualisation; systems design; socio-technical organisation re-design; contingency theory; industrial relations; training and organisational development. Strategies of, and routes to, change. Current organisational problems, e.g. computer applications.

Recommended reading P. B. Warr (Ed.), *Psychology at Work*; P. B. Smith, *Groups Within Organisations*; V. H. Vroom, *Work and Motivation*; D. H. Holding, *Principles of Training*; L. Davis and J. C. Taylor (Eds.), *Job Design*; J. Child (Ed.), *Man and Organisation*; T. Burns and G. Stalker, *The Management of Innovation*; C. Sofer, *Organisations in Theory and Practice*; L. Sayles, *Management Behaviour*; F. Taylor, *Scientific Management*; E. Mayo, *The Social Problems of Industrial Civilisation*; T. Lupton, *Management and the Social Sciences*; G. Salaman and K. Thompson, *People and Organisations*; C. Perrow, *Complex Organisations*; K. Thurley and H. Wirdenius, *Supervision: a Reappraisal*; W. G. Bennis, *Planned Organisational Change*; G. Salaman, *Work Organizations*; M. Rose, *Industrial Behaviour*; D. Silverman, *The Theory of Organizations*; M. Crozier, *The Bureaucratic Phenomenon*; M. Albrow, *Bureaucracy*; A. Hopwood, *Accounting and Human Behaviour*; G. K. Zollschan and W. Hirsch (Eds.), *Explorations in Social Change*; T. Watson, *Sociology, Work and Industry*.

Id107(a) Industrial Organisation: Theory and Behaviour (Class)

Dr Wood and others in connection with Course Id107.
For Dip. Systems Analysis; M.Sc.

Id107(b) Organisation Theory and Practice (Class)

Dr Kelly and Mr Peccei.
For B.Sc. c.u.; Dip. Man. Sci.

Id107(c) Industrial Organisation Theory and Behaviour (Class)

For Dip. Personnel Management.

Id108 Industrial Organisation: Theory and Behaviour (II)

Dr Wood, Professor Thurley and Dr Kelly. Sessional.

For M.Sc.

Syllabus as for Course Id107 Course is taken in conjunction with parts of Course Id106 and Id114.

Recommended reading as for Course Id107. Further specialised reading will be recommended for this Course.

Id108(a) Industrial Organisation: Theory and Behaviour (II) (Seminar)

Professor Thurley, Dr Wood and Dr Kelly. Twenty-five seminars, Sessional.

Id109 Macro-Economic Background to Industrial Relations

Dr Richardson. Michaelmas Term. For M.Sc.; Dip. Personnel Management and the Trade Union Studies course.

Syllabus An introduction to macro economic theory and policy, with particular reference to recent UK experience; there will be a special emphasis in the labour market aspects of macro economic behaviour.

Recommended reading W. Keegan and R. Pennant Rea, *Who Runs the Economy*; M. Stewart, *Politics and Economic Policy in the UK Since 1964*.

Id109(a) Macro-Economic Background to Industrial Relations (Class)

Twenty-five classes, Sessional. For the Trade Union Studies course.

Id110 Sociology of Industrial Relations (Seminar)

Dr Wood. Sessional. For Trade Union Studies course.

Id111 Labour Market Analysis (Seminar)

Dr Richardson and Mr Marsden. Twenty seminars, Michaelmas and Lent Terms.

For suitably qualified M.Sc. students. **Syllabus** Trade union growth theory; nature and source of trade union power; union wages policy; collective bargaining models;

union/non-union wages; impact of union on wage levels; labour and inflation; economics of strikes; unemployment.

Recommended reading J. McCormick and E. Owen-Smith, *The Labour Market*; M. Olson, *The Logic of Collective Action*; G. Bain and P. Elsheim, *Union Growth and the Business Cycle*; A. Rees, *The Economics of Trade Unions*; W. E. J. McCarthy (Ed.), *Trade Unions*; M. Fisher, *Measurement of Labour Disputes and their Economic Effects* (O.E.C.D.), 1973.

Id111(a) Labour Market Analysis (Class)

Dr Richardson and Mr Marsden.

Id112 Manpower Policy

Dr Richardson and Mr Marsden. Michaelmas and Lent Terms.

For suitably qualified M.Sc. students and Dip. Personnel Management.

Syllabus Private and public manpower politics; turnover, absenteeism, wage payment systems, training programmes, discrimination, hiring practices, adjustments to labour shortages and surpluses; information in labour markets, government manpower programmes, manpower planning.

Recommended reading R. Jones, *Absenteeism*; G. Becker, *Human Capital*; P. Doeringer and M. Piore, *Internal Labor Markets and Manpower Analysis*; J. Wabe, *Problems of Manpower Forecasting*.

Id112(a) Manpower Policy (Class)

Dr Richardson. Sessional.

Id113 Introductory Practical Statistics

Mr Marsden. Sessional. For the Trade Union Studies course.

Id114 Industrial Psychology

Mr Guest and Dr Kelly. Twenty-four lectures, Sessional.

For graduate students appropriately qualified.

Syllabus The formation and influence of work groups. The formation and influence of attitudes. Leadership and communication in

the workplace. The influence of individual differences on the utilization of human resources. The psychology of industrial conflict:—application of concepts from perception, motivation, frustration—aggression and group theory to the analysis of absenteeism, accidents, labour turnover, strikes and collective bargaining. Motivation, reward systems, job satisfaction and productivity. Application of psychology of management—selection and testing; appraisal and counselling; training and development; the management of change; job design; ergonomics; worker participation.

Recommended reading P. B. Warr (Ed.), *Psychology at Work*; V. H. Vroom, *Work and Motivation*; R. M. Steers and L. W. Porter, *Motivation and Work Behaviour*; C. L. Cooper and R. Payne (Eds.), *Stress at Work*; V. H. Vroom and E. L. Deci (Eds.), *Management and Motivation*; D. Katz and R. L. Kahn, *The Social Psychology of Organizations*; R. Stagner and H. Rosen, *The Psychology of Union-Management Relations*; I. Davis and J. C. Taylor (Eds.), *Design of Jobs*; E. E. Lawler, *Pay and Organizational Effectiveness*; T. P. Campbell, M. D. Dunnette, E. E. Lawler and K. E. Weick, *Managerial Behaviour, Performance and Effectiveness*; G. Stephenson and C. Brotherton (Eds.), *Industrial Relations: A Social Psychological Approach*.

Id114(a) Industrial Psychology (Class)

In connection with Course Id114.

Id115 Labour Law (Seminar)

Mr Simpson. Sessional.

Sessional.

For M.Sc.

Syllabus (a) *General themes*: the role of the law in industrial relations. The impact of legal rules, sanctions and institutions on collective bargaining and industrial conflict. Current legal policy issues in industrial relations, the Industrial Relations Act, 1971, the Trade Union and Labour Relations Act, 1974, the Employment Protection Act, 1975, the Employment Protection (Consolidation) Act, 1978. (b) *The law of collective bargaining*: the legal enforceability of collective agreements. Relationship of collective negotiations to the contract of employment. Drafting of collective agreements. The legal regulation of trade

union recognition, membership and the closed shop. Disclosure of information. Industrial democracy and the law including company law aspects. (c) *The law of industrial conflict*: legal liabilities for direct industrial action. The legal responsibility of unions for shop stewards. The industrial relations implications of legal sanctions. Statutory prices and incomes policies. Disputes procedures including special procedures for dismissals, discipline, redundancy and racial discrimination. The law and procedural negotiations. Conciliation, arbitration and inquiry. Voluntary and statutory machinery. (d) *Trade union law*: the legal framework for trade union government, democracy and inter-union relations. Legislative policies and trade union administration.

Recommended reading K. W. Wedderburn, *The Worker and the Law* (2nd edn.); *Cases and Materials on Labour Law*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Dispute Procedures in Britain*; B. Aaron (Ed.), *Dispute Settlement Procedures in Five Western European Countries*; Conservative Party, *Fair Deal at Work*; C. Grunfeld, *Modern Trade Union Law*; R. Y. Hedges and A. Winterbottom, *Legal History of Trade Unionism*; B. Hepple, *Race, Jobs and the Law in Britain: In Place of Strife* (Cmnd. 3888, 1969); C. Jenkins and J. Mortimer, *The Kind of Laws the Unions Ought to Want*; O. Kahn-Freund (Ed.), *Labour Relations and the Law*; O. Kahn-Freund, *Labour Law: Old Traditions and New Developments*; *Labour and the Law*; *Labour Relations: Heritage and Adjustment*; W. E. J. McCarthy, *The Closed Shop in Britain*; *Report of the Royal Commission on Trade Unions and Employers' Associations 1965-1968* (Cmnd. 3623); Royal Commission Research Papers No. 2, Part 1, *Disputes Procedures in British Industry*; Part 2, *Disputes Procedures in Britain*; No. 8, *Three Studies in Collective Bargaining*; B. L. Adell, *Legal Status of Collective Agreements in England, U.S.A. and Canada*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; R. Rideout, *Principles of Labour Law*; B. Aaron (Ed.), *Labour Courts and Grievance Settlement in Western Europe*; R. Simpson and J. Wood, *Industrial Relations and the 1971 Act*; B. Weckes et al, *Industrial Relations and the Limits of the Law*; C. J. Crouch, *Class Conflict and the Industrial Relations Crisis*; P. Davies and M. Freedland, *Labour Law: Text and Materials*; B. A. Hepple et al (Eds.), *Labour Relations Statutes and Materials*.

Id116 Industrial Relations and Labour Law (Class)

Lecturer to be announced.
Michaelmas and Lent Terms.
In connection with courses Id104 and LL162
For Dip. Personnel Management.

Id117 Trade Union Problems (Seminar)

Dr Kelly. Sessional.
Admission is strictly limited to the Trade Union Studies course.

Id118 Labour History (Seminar)

Professor Roberts. Michaelmas and Lent Terms.
For M.Sc.

Course in Trade Union Studies

Lectures and classes will be provided in the following subjects: Economics, Contemporary Trade Unionism and Industrial Relations; British Economic and Social History with special reference to the growth of labour movements; Law, with special reference to trade unionism; Political Organization in Great Britain; Industrial Sociology and Psychology; Elementary Statistics and Business Finance.

Id119 Industrial Relations Research Problems (Seminar)

Dr Richardson and Professor Thurley. Sessional.
For research students in Industrial Relations.

Id120 Research Methods in Industrial Relations (Seminar)

Dr Kelly. Five seminars, Lent Term.
For the Trade Union Studies course.

Students are also referred to the following courses:

Ec136 Labour Economics

EH130 British Labour History, 1815-1939

LL162 Elements of Labour Law

Personnel Management

Diploma Courses

Id200 Principles and Practice of Personnel Management

Professor Thurley, Mr Guest and others. Sessional.

For Diploma in Personnel Management.
Syllabus These lectures trace the development of personnel management and examine the place of the personnel specialist in industrial and commercial organizations. The main aspects of personnel policy are discussed and the developing practices of different organizations are studied. The topics include: manpower forecasting and planning recruitment; appraisal and promotion; incentives and the principles and methods of remuneration; problems of communication, consultation and participation.

Recommended reading A bibliography will be recommended during the course of the lectures.

Id200(a) Classes

Sessional. In connection with Course Id200.

Id201 Personnel Management: Case Studies

Professor Thurley and Mr Guest. Lent Term.

Id202 Training and Development

Mr Guest, Professor Thurley and others. Twenty lectures, Michaelmas and Lent Terms.

Syllabus The training system. Training of operatives, craftsmen, supervisors and managers. Government policies on training and education. The Training Boards. The role of training and the training officer. Concepts of organization development.

Recommended reading J. P. Campbell, M. D. Dunnette, E. E. Lawler and K. E. Weick, *Managerial Behaviour, Performance and Effectiveness* (esp. chaps. 4 & 10-13); W. L. French and C. H. Bell, *Organization Development*; I. K. Davies, *The Management of Learning*; R. F. Mager and K. M. Beach, *Developing Vocational Instruction*; P. M. Fitts and M. I. Posner, *Human Performance*; D. H. Holding, *Principles of Training*; P. Hesseling, *Strategies of Evaluation Research*; A. C. Hamblin, *Evaluation and Control of Training*.

Id202(a) Classes

Lent Term. In connection with Course Id202.

Id203 Methods of Social Research in Industry

Professor Thurley. Ten lectures and ten classes, Lent Term.
For students who will be undertaking project work as Part of the Diploma in Personnel Management.

Id204 Personnel Information

Dr Richardson. Ten lectures, Michaelmas Term.

Id205 Industrial Relations (Seminar)

Professor Thurley. Lent Term.

Note The numbers of the additional courses taken by Diploma in Personnel Management students are listed on page 235.

International History

The department's undergraduate teaching falls into two main divisions:

- For the B.Sc. (Econ.) (a) International History
(b) Government and History

For the B.A. Honours in History

INTRODUCTORY COURSES

Hy100 Political History 1789–1941

Professor Bourne, Mr Robertson and Dr McKay. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.A. c.u. main field French Studies 2nd yr.; B.A. Hist. Syllabus A general survey of European History in the period with some attention to developments outside Europe.

Recommended reading J. McManners, *Lectures on European History, 1789–1914*; F. L. Ford, *Europe, 1780–1830*; H. Header, *Europe in the Nineteenth Century, 1830–1880*; J. Roberts, *Europe, 1880–1945*; M. S. Anderson, *The Ascendancy of Europe, 1815–1914*; J. B. Joll, *Europe since 1870*; D. C. Watt, F. Spencer and N. Brown, *A History of the World in the Twentieth Century*; relevant vols. of *The Fontana History of Europe*.

Further reading will be given during the course.

Hy100(a) Classes

Sessional. In connection with Course Hy100.

Hy101 World History since 1890

Mr Grün and Dr Boyce.

Twenty-five lectures, Sessional. For B.Sc. (Econ.) Parts I and II; B.A. c.u. main field French Studies 2nd yr.

Syllabus A general political survey of the twentieth century in a world-wide context with special emphasis on the changing role of Europe in an age of wars and revolutions.

Recommended reading D. C. Watt, F. Spencer and N. Brown, *A History of the World in the Twentieth Century*; A. B. Ulam, *Expansion and Coexistence*; W. Knapp, *A History of War and Peace 1939–1965*.

Further reading will be given during the course.

Hy101(a) Classes

Sessional. In connection with Course Hy101.

Hy102 The History of European Ideas since 1700

Professor Anderson. Twenty-five lectures, Sessional.

This course will not be given in 1981–82.

For B.Sc. (Econ.) Parts I and II; B.A. Hist.; B.A. c.u. main field French Studies 1st year.

Syllabus A study of the main currents of thought which affected the domestic history of European states and influenced the relations between them.

Recommended reading N. Hampson, *The Enlightenment*; F. H. Hinsley, *Power and the Pursuit of Peace*; G. L. Mosse, *The Culture of Western Europe*; G. Lichtheim, *Europe in the Twentieth Century*.

Further reading will be given during the course.

Hy102(a) Classes

Sessional. In connection with Course Hy102.

This course will not be given in 1981–82.

SPECIALIST UNDERGRADUATE COURSES

Hy111 English History, 1399–1603 (Class)

Dr Starkey. Twenty-five classes, Sessional. In connection with Course Hy202.

For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main fields Geog.; Anth. and Med. Hist.

Hy112 British History, 1603–1760 (Class)

Dr Starkey and Mrs Bennett. Twenty-five classes, Sessional. In connection with Course Hy202.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Geog.

Hy113 International History, 1494–1815

Professor Anderson and Dr McKay. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.; B.A. c.u. main field French Studies 1st yr.; M.A. and M.Sc.

Syllabus Political and diplomatic history, mainly of the European Great Powers, with some reference to the evolution of diplomatic practice.

Recommended reading G. Mattingly, *Renaissance Diplomacy*; M. Fernandez Alvarez, *Charles V*; J. H. Elliott, *Europe Divided 1559–1598*; G. Parker, *Spain and the Netherlands*; S. H. Steinberg, *The Thirty Years War*; R. Hatton (Ed.), *Louis XIV and Europe*; D. B. Horn, *Great Britain and Europe in the Eighteenth Century*; M. S. Anderson, *The Eastern Question*, Chaps. 1–2; *The Cambridge History of British Foreign Policy*, Vol. I; Sir C. K. Webster, *The Congress of Vienna; New Cambridge Modern History*, relevant chaps. of Vols. I–IX.

Further reading on particular aspects or periods will be given during the course.

Hy113(a) Classes

Sessional. In connection with Course Hy113.

Hy114 European History, c. 1600–1789 (Class)

Dr McKay. Twenty-five classes, Sessional.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 1st yr.

Syllabus A study of European politics in the age of absolutism. Special attention will be paid to wars, revolutions, economic, social and intellectual developments, and relations between the States.

Recommended reading will be given during the course.

Hy115 European History, 1789–1945 (Class)

Dr Sked. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.

Syllabus A general political survey of European history from the French

Revolution to the Second World War, with special emphasis on wars, revolutions and Europe's relations with the outside world.

Recommended reading G. Rudé, *Revolutionary Europe*; F. L. Ford, *Europe 1780–1830*; M. S. Anderson, *The Ascendancy of Europe*; J. B. Joll, *Europe since 1870*; R. A. C. Parker, *Europe 1919–1945*.

Further reading will be given during the course.

Hy116 International History, 1815–1914

Professor Bourne, Dr Bullen and Dr Sked. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.

Syllabus The history of international relations with special reference to the policies of the Great Powers and to the factors affecting them.

Recommended reading F. R. Bridge and Roger Bullen, *The Great Powers and the European States System 1814–1914*; H. Header, *Europe in the Nineteenth Century*; J. M. Roberts, *Europe 1880–1945*; R. Albrecht-Carrié, *A Diplomatic History of Europe since the Congress of Vienna*; M. S. Anderson, *The Ascendancy of Europe, 1815–1914*; R. W. Seton-Watson, *Britain in Europe, 1789–1914*; A. Sked (Ed.), *Europe's Balance of Power 1815–48*; K. Bourne, *The Foreign Policy of Victorian England*; M. S. Anderson, *The Eastern Question*; F. H. Hinsley, *Power and the Pursuit of Peace*; A. J. P. Taylor, *The Struggle for Mastery in Europe*; H. Feis, *Europe, the World's Banker*; G. F. Hudson, *The Far East in World Politics*; L. Lafore, *The Long Fuse*. See also W. N. Medlicott, *Modern European History, 1789–1945, A Select Bibliography*; and A. L. C. Bullock and A. J. P. Taylor, *Books on European History, 1815–1914*.

Hy116(a) Classes

Sessional. In connection with Course Hy116.

Hy117 International History since 1914: (i) to 1945

Mr Grün and Professor Watt. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.A. Hist.; B.A./B.Sc. c.u. main field Geog.; M.A. and M.Sc.

Syllabus The political and diplomatic history of the period, with due attention to both European and non-European developments.
Recommended reading G. M. Gathorne-Hardy, *A Short History of International Affairs, 1920-1939* (4th edn.); F. P. Walters, *A History of the League of Nations*; A. Wolfers, *Britain and France between Two Wars*; W. N. Medlicott, *The Coming of War in 1939* (Historical Association pamphlet, No. G52); G. M. Carter, *The British Commonwealth and International Security*; H. I. Nelson, *Land and Power*; A. L. C. Bullock, *Hitler: A Study in Tyranny*; E. Wiskemann, *The Rome-Berlin Axis; Europe of the Dictators, 1919-1945*; M. Beloff, *The Foreign Policy of Soviet Russia, 1929-1941*; J. T. Pratt, *War and Politics in China*; H. Feis, *The Road to Pearl Harbor; Churchill, Roosevelt, Stalin: Between War and Peace, The Potsdam Conference*; Llewelyn Woodward, *British Foreign Policy in the Second World War*; C. A. Macartney and A. W. Palmer, *Independent Eastern Europe*; L. E. Kochan, *The Struggle for Germany, 1914-1945*; G. Hilger and A. Meyer, *The Incompatible Allies*; R. C. North, *Moscow and the Chinese Communists*; F. C. Jones, *Japan's New Order in Asia*; J. L. Snell, *Allied Wartime Diplomacy*; J. W. Spanier, *American Foreign Policy since World War II*; H. Seton-Watson, *Neither War Nor Peace*. Further reading will be given during the course.

Hy117(a) Classes

Sessional. In connection with Course Hy117.

Hy118 International History since 1914: (ii) since 1945

Professor Nish and Professor Watt. Ten lectures, Michaelmas Term. For B.Sc. (Econ.) Part II; B.A. Hist.; M.Sc.
Recommended reading D. W. Unwin, *Western Europe since 1945*; C. J. Bartlett, *Rise and Fall of the Pax Americana*; Guy Conway, *The Foreign Policies of France 1941-1958*; Elizabeth Barker, *Britain in a Divided Europe*; R. Albertini, *Declaration 1919-1960*; R. Hallett, *Africa since 1875*; R. Hanak, *Soviet Foreign Policy since the Death of Stalin*; A. Wade Porte, *Europe between the Super Powers*; B. N. Pandey, *South and South East Asia 1945-1979*; G. Cornell

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Smith, *The United States and Latin America*; Coral Bell, *The Diplomacy of Detente, The Kissinger Years*; Nagai and Iriye (Eds.), *The Origins of the Cold War in Asia*; Tang Tsou, *China's Policies in Asia and America's Alternatives*, 2 vols.; F. S. Dunn, *Peacemaking and the Settlement with Japan*.
For reference J. A. S. Grenville, *The Major International Treaties 1914-1978*; the annual and biennial *Survey of International Affairs 1954-1968*; the annual *US in World Affairs*; Alan Palmer, *A Dictionary of 20th Century History*; A. Bullock and R. Stalleybrass, *The Fontana Dictionary of Modern Thought*.

Hy118(a) Classes

Michaelmas Term. In connection with course Hy118.

Hy119 War and Society, 1600-1815 (Class)

Dr McKay. Twelve classes, Sessional.

For B.Sc. (Econ.) Part II and other interested students.

Syllabus A study of the main developments in strategy and organisation of armies between 1660 and 1815, of civil-military relations in their broadest sense, including the role of armed forces as instruments of domestic control, and of the impact of war at all levels of society.

Suggested reading G. Parker, *Spain and the Netherlands*; W. H. McNeill, *Europe's Steppe Frontier, 1500-1800* (Chicago, 1964); J. F. C. Fuller, *The Conduct of War, 1789-1961* (Methuen, any edition); M. Howard, *War in European History* (Opus).

Hy120 The Mediterranean in International Politics, 1815-1914

Miss Lee. Ten Lectures, Michaelmas Term.

This course will not be given in 1981-82.

For B.Sc. (Econ.) Part II and other interested students.

Syllabus A study of political, strategic and economic developments in the Mediterranean region as a factor in international relations, 1815-1914.
Recommended reading J. E. Swain, *Struggle for the Control of the Mediterranean Prior to 1848*; R. Robinson and J. Gallagher, "The

Imperialism of Free Trade" (*The Economic History Review*, 2nd series, VI, 1953); F. R. Flournoy, *British Policy towards Morocco in the Age of Palmerston*; J. Marlowe, *Anglo-Egyptian Relations, 1800-1953*; H. L. Hoskins, *British Routes to India*; C. W. Hallberg, *The Suez Canal*; R. Robinson and J. Gallagher, *Africa and the Victorians* (chaps. 4 and 5 for the Egyptian Question, 1882); M. M. Safwat, *Tunis and the Great Powers, 1878-1881*; W. L. Langer, "The European Powers and the French Occupation of Tunis" (*The American Historical Review*, XXXI, 1925-26); L. Salvatorelli, *La Triplice Alleanza*; G. Salvemini, *La Politica estera dell'Italia, 1871-1914*; W. N. Medlicott, "The Mediterranean Agreements of 1887" (*Slavonic Review*, V, 1926-27); C. J. Lowe, *Salisbury and the Mediterranean, 1886-1896*; J. A. S. Grenville, "Goluchowski, Salisbury and the Mediterranean Agreements" (*Slavonic Review*, 1958); J. D. Hargreaves, "Entente Manquée" (*Cambridge Historical Journal*, 1953); E. Walters, "Lord Salisbury's Refusal to Revise and Renew the Mediterranean Agreements" (*Slavonic Review*, 1950, 1951); E. F. Cruickshank, *Morocco at the Parting of the Ways*; E. N. Anderson, *The First Moroccan Crisis, 1904-6*; N. Rich, *Friedrich von Holstein*; I. M. Barlow, *The Agadir Crisis*; A. J. Marder, *The Anatomy of British Sea Power, 1880-1905*; S. R. Williamson, *The Politics of Grand Strategy: Britain and France Prepare for War*; P. G. Halpern, *The Mediterranean Naval Situation, 1908-1914*.

Hy120(a) Classes

Lent Term. In connection with Course Hy120.

This course will not be given in 1981-82.

Hy121 British-American-Russian Relations, 1815-1914

Professor Anderson, Professor Bourne and Professor Nish.

Twenty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II and other interested students.

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*

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Britain and the United States; Charles S. Campbell, *From Revolution to Rapprochement; The United States and Great Britain 1783-1900*; T. A. Bailey, *A Diplomatic History of the American People* (7th edn., 1964); B. Perkins, *Castlereagh and Adams: England and the United States, 1812-1823*; W. D. Jones, *The American Problem in British Diplomacy, 1841-1861*; D. P. Crook, *The North, the South and the Powers, 1861-1865*; F. Merk, *The Oregon Question*; W. A. Williams, *American-Russian Relations, 1781-1947*; D. Perkins, *Hands Off: A History of the Monroe Doctrine*; K. Bourne, *Britain and the Balance of Power in North America, 1815-1908*; W. C. Costin, *Great Britain and China, 1833-1860*; H.-P. Chang, *Commissioner Lin and the Opium War*; J. K. Fairbank, *Trade and Diplomacy on the China Coast*; M. Banno, *China and the West, 1858-1861*; W. Habberton, *Anglo-Russian Relations Concerning Afghanistan, 1837-1907*; W. G. Beasley, *Great Britain and the Opening of Japan*; A. Malozemoff, *Russian Far Eastern Policy, 1881-1904*; G. A. Lensen, *The Russian Push Towards Japan: Russo-Japanese Relations, 1697-1875*; A. J. Marder, *British Naval Policy, 1880-1905*; 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*; D. Gillard, *The Struggle for Asia*; L. M. Gelber, *The Rise of Anglo-American Friendship, 1898-1906*; A. E. Campbell, *Great Britain and the United States, 1895-1903*; C. S. Campbell, *Anglo-American Understanding, 1899-1903*; G. T. Alder, *British India's Northern Frontier, 1865-1895*; J. A. S. Grenville, *Lord Salisbury and Foreign Policy*; I. C. Y. Hsü, *The Ili Crisis*; I. H. Nish, *The Anglo-Japanese Alliance, 1894-1907; Alliance in Decline, 1908-23*; I. H. Nish, *Japanese Foreign Policy, 1868-1842*; J. A. White, *The Diplomacy of the Russo-Japanese War*; F. Kazemzadeh, *Russia and Britain in Persia, 1864-1914*; F. H. Hinsley (Ed.), *British Foreign Policy under Sir Edward Grey*.

Hy123 Revolution, Civil War and Intervention in the Iberian Peninsula, 1808-1854

Dr Bullen. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested students.

Syllabus A study of the origins and course of

constitutional, revolutionary, and resistance movements in Spain and Portugal in the first half of the nineteenth century and the attitudes and policies of the European Great Powers towards these movements. Particular attention will be paid to various types of intervention and to the impact of these Iberian conflicts on Great Power rivalry.

Recommended reading R. Carr, *Spain 1808–1939*; H. B. Clarke, *Modern Spain, 1815–1898*; A. R. Oliveira, *Politics, Economics and Men of Modern Spain*; E. Christiansen, *The Origins of Military Power in Spain, 1808–1854*; Edgar Holt, *The Carlist Wars in Spain*; Stanley Payne, *Politics and the Military in Modern Spain*; V. G. Kiernan, *The Revolution of 1854 in Spanish History*; G. Hubbard, *Histoire contemporaine de L'Espagne*; H. V. Livermore, *A New History of Portugal*; A. Fugier, *Napoléon et L'Espagne*; F. M. H. Markham, *Napoleon and the Awakening of Europe*; Charles Oman, *A History of the Peninsular War*; C. K. Webster, *The Foreign Policy of Castlereagh*; H. W. V. Temperley, *The Foreign Policy of Canning*; C. K. Webster, *Britain and the Independence of Latin America*; C. K. Webster, *The Foreign Policy of Palmerston*; R. J. Bullen, *Palmerston, Guizot and the Collapse of the Entente Cordiale*.

Hy123(a) Classes

Lent Term. In connection with Course Hy123.

Hy124 International Socialism and the Problem of War, 1870–1918

Eight lectures, Michaelmas Term. This course will not be given in 1981–82.

For B.Sc. (Econ.) Part II; M.A. and other interested students.

Syllabus A study of the development of socialist thought about war, national defence, nationalism and colonialism, and of the attempts at international socialist action to prevent war, including the discussions in the Second International and in the major socialist parties of Europe.

Recommended reading G. D. H. Cole, *A History of Socialist Thought*, Vol. III; J. Braunthal, *History of the International, 1864–1914*; J. Joll, *The Second International*; M. M. Drachkovitch, *Les socialismes français et allemands et le problème de la guerre*; H. R. Weinstein, *Jean Jaurès: A Study of Patriotism in the French Socialist Movement*; J. P. Nettle, *Rosa Luxemburg*; V.

I. Lenin, *Socialism and War*; V. I. Lenin, *Imperialism: the Highest Stage of Capitalism*.

Hy124(a) Classes

Lent Term. In connection with Course Hy124.

This course will not be given in 1981–82.

Hy126 Fascism and National Socialism in International Politics, 1919–1945

Mr Robertson and Dr Polonsky. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II and other interested students.

Syllabus The rise to power of Mussolini and Hitler. The early attempts of Mussolini's government to undermine the *status quo* in South Eastern Europe. Italo-German relations and the Rome-Berlin Axis, 1933–36. Italian and German intervention in the Spanish Civil War. The destruction of the Peace Settlement in Eastern Europe, 1937–39. Italian and German relations with other right-radical movements (e.g. in Hungary, Rumania, Slovakia). The decline of an independent Italian foreign policy.

Recommended reading Isaiah Berlin, "Sorel", Creighton Lecture; James Joll, "Marinetti" in *Intellectuals in Politics*; Elizabeth Wiskemann, *Italian Fascism*; W. Sheridan Allen, *The Nazi Seizure of Power*; Elizabeth Wiskemann (Ed.), *Anatomy of the SS State*; G. L. Mosse, *The Crisis of Ideology*; P. J. Pulzer, *The Rise of Anti-Semitism*; F. Chabod, *A History of Italian Fascism*; F. L. Carsten, *The Rise of Fascism*; E. Nolte, *Three Faces of Fascism*; S. J. Woolf, *European Fascism*; C. Seton-Watson, *Italy from Liberalism to Fascism*, chaps. 13 and 14; A. Hitler, Letter of 4 December 1932 to General von Reichenau (translation); G. Weinberg, *The Foreign Policies of Hitler's Germany*; E. Robertson (Ed.), *The Origins of the Second World War*; E. Wiskemann, *The Rome-Berlin Axis*; E. Robertson, *Mussolini as Empire Builder. A Study in Totalitarian Diplomacy*; F. Cassel, *Mussolini's Early Diplomacy*.

Hy126(a) Classes

Lent Term. In connection with Course Hy126.

Hy127 The Habsburg Monarchy and the Revolutions of 1814 (Class)

Dr Sked. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus The course will cover the background to, as well as the origins, development, diplomacy, failure and consequences of the revolutions of 1848 within the Habsburg Monarchy. It will also cover the struggle for mastery in Germany between 1848 and 1851.

The prescribed sources will be: Count Hartig, *Genesis of the Revolution in Austria*; W. H. Stiles, *Austria in 1848–9*; Helmut Böhme, *The Foundation of the German Empire* (documents 21 to 41 only); A. Sked and E. Haraszti (Eds.), *The Correspondence of J. A. Blackwell* (to be published); A. Sked, *The Survival of the Habsburg Empire. Radezky, the Imperial Army and the Class War, 1848*.

Key books include: I. Déak, *The Lawful Revolution, Louis Kossuth and the Hungarians*; A. Sked (Ed.), *Europe's Balance of Power, 1815–48*; R. J. Roth, *The Viennese Revolution of 1848*; Paul Ginsborg, *Daniel Manin and the Viennese Revolution of 1848*; A. J. P. Taylor, *The Struggle for Mastery in Europe, 1848–1918*; C. A. Macartney, *The Habsburg Monarchy 1790–1918*.

Further reading will be recommended during the course.

Hy128 The Great Powers and Egypt, 1882–1888

Miss Lee. Twenty classes, Michaelmas and Lent Terms.

This course will not be given in 1981–82.

For B.Sc. (Econ.) Part II.

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).

Hy129 The Great Powers and the Balkans, 1908–1914

Dr Polonsky. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus The Macedonian Question in 1908 and the collapse of the Austro-Russian

entente. The Bosnian crisis and its aftermath. The Great Powers and European Turkey, 1910–1912—Albania and Crete. The Great Powers, the Balkan League and the Balkan Wars. The intensification of the Great Power struggle for influence in Turkey and the Balkan states 1913–14. Sarajevo, the July crisis, and the outbreak of war. This course will be based upon selected documents from the following authorities: G. P. Gooch and H. W. V. Temperley (Eds.), *British Documents on the Origins of the War*, Vols. V, IX, X; B. von Siebert, *Entente Diplomacy and the World War*.

Hy130 Great Britain and the Peace Conference of 1919

Mr Grün. Twenty classes, Michaelmas and Lent Terms.

This course will not be given in 1981–82.

For B.Sc. (Econ.) Part II.

Syllabus A detailed study of British policy in relation to the organization of the peace conference and of the negotiations which led to the signing of the Treaty of Versailles, based on the following authorities: *Papers Relating to the Foreign Relations of the United States, 1919*; *The Paris Peace Conference*, Vols. III–VI; P. Mantoux, *Paris Peace Conference, 1919 Proceedings of the Council of Four* (Geneva, 1964); D. Lloyd George, *The Truth about the Peace Treaties* (1938).

Hy131 The Manchurian Crisis, 1931–1933

Professor Nish. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

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 interwar years, based on selected extracts from the following authorities: *Papers Relating to the Foreign Relations of the United States, Japan: 1931–1941*, Vol. 1; *League of Nations: Appeal by the Chinese*

Government; Report of the Commission of Inquiry; Documents on British Foreign Policy, 1919-1939, 2nd Series, Vols. VIII and IX.

Hy132 The League of Nations in Decline 1933-1937

Mr Robertson. Twenty classes, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II.

Syllabus A Study of the relative strength and weakness of the league. Hitler's attitude to the League and the reasons for Germany's withdrawal in October 1933. Italian proposals for reform 1933-1934. The conflict between Italy and the League over Ethiopia. Italy's withdrawal from the League at the end of 1937 and her adherence to the Anti-Comintern Pact.

The course will be based on selected documents from the following: F. P. Walters, *A History of the League of Nations*, Vol. I, chap. 1, the text of the Covenant; Aloisi's *Journal, 1932-1936; Documents on British Foreign Policy*, 2nd series, Vol. VI; Ciano's *Papers and Diary, 1937-1939; Documents on British Foreign Policy* Second Series, Vol. XII-XVI.

Hy133 The History of Russia, 1682-1917

Professor Anderson, Mr Falkus and Dr Polonsky. Twenty classes, Michaelmas and Lent Terms. This course will not be given in 1981-82.

For B.Sc. (Econ.) Part II.

Syllabus A study of the development of the Russian Empire from the accession of Peter I to the Bolshevik Revolution. The emphasis will be on the major lines of growth and change, and on their explanation and evaluation, rather than on the detail of events. Considerable attention will be given to the ways in which the government, economy and society changed during this period, and to the interrelations between them, as well as to the territorial growth of the Empire and its foreign relations.

Recommended reading M. T. Florinsky, *Russia: A History and an Interpretation*; N. V. Riasanovsky, *A History of Russia*; J. H. Billington, *The Icon and the Axe: An Interpretative History of Russian Culture*; J. Blum, *Lord and Peasant in Russia, from the Ninth to the Nineteenth Century*; P. I.

Lyashchenko, *History of the National Economy of Russia to the 1917 Revolution*; M. E. Falkus, *The Industrialisation of Russia, 1700-1914*; M. S. Anderson, *Peter the Great*; M. Raeff, *Origins of the Russian Intelligentsia: The Eighteenth Century Nobility*; R. Hare, *Pioneers of Russian Social Thought*; N. V. Riasanovsky, *Nicholas I and Official Nationality in Russia, 1825-1855*; W. E. Mosse, *Alexander II and the Modernization of Russia*; R. Charques, *The Twilight of Imperial Russia*; A. B. Ulam, *The Bolsheviks: The Intellectual, Personal, and Political History of the Triumph of Communism in Russia*; Barbara Jelavich, *St. Petersburg and Moscow: Tsarist and Soviet Foreign Policy, 1814-1974*. Further reading will be recommended during the course.

ADVANCED COURSES

Attendance restricted to students taking the relevant M.A./M.Sc. examination.

(i) M.A./M.Sc. International History

For Paper 1:

Hy150 International History 1688-1815 (Various Seminars)
Professor Anderson and Dr McKay. Sessional.

Hy151 International History 1815-1914 (Various Seminars)
Professor Bourne, Dr Bullen and Dr Polonsky. Sessional.

Hy152 International History 1914-1946 (Various Seminars)
Mr Grün, Professor Watt and Dr Polonsky. Sessional.

For Paper 2:

Hy153 Diplomatic Theory and Practice, 1500-1815
Professor Anderson. Twenty lectures and seminars, Michaelmas and Lent Terms.

Hy154 Diplomatic Theory and Practice, 1815-1919

Professor Bourne. Twenty lectures and seminars, Michaelmas and Lent Terms.

Hy155 Diplomatic Theory and Practice, 1919-1946

Professor Watt. Ten seminars, Lent Term.

For Paper 3:

Hy157 The Anglo-French Entente, 1713-1740
Dr McKay.

Hy158 Enlightened Despotism in the later Eighteenth Century

Professor Anderson.

Hy159 The Polish Question in International Relations, 1815-1864

Dr Polonsky.

Hy160 Diplomacy by Conference, 1814-1833

Dr Bullen.

Hy161 The Mehemet Ali Crises, 1833-1841

Professor Bourne.

Hy162 Anglo-American Relations, 1815-1872

Professor Bourne.

Hy163 The Coming of War, 1913-1914

Dr Polonsky.

Hy164 Britain and the Triple Alliance, 1887-1902

Miss Lee.

This course will not be given in 1981-82.

Hy165 The Powers and the West Pacific, 1911-1939

Dr Nish.

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Hy166 The Peace Settlement of 1919-1921

Mr Grün.

This course will not be given in 1981-82.

Hy167 The Foreign Policy of the Weimar Republic, 1919-1933

Mr Grün.

This course will not be given in 1981-82.

Hy168 The Comintern and its Enemies, 1914-1943

Mr Robertson.

Hy169 The Period of 'Appeasement', 1937-1939

Professor Watt.

Hy170 The European Settlement, 1944-1946

Professor Watt.

(ii) M.A. in English and European History (The Twelfth and Thirteenth Centuries)

Hy171 The Angevin Empire (Intercollegiate Seminar)

Mr Gillingham. Sessional.

(iii) M.A. in Area Studies (United States Studies)

Hy172 The United States and European International Politics, 1900-1945 (Seminar)

Professor Watt. Sessional.

(iv) M.A. in Area Studies (Far Eastern Studies)

Hy174 International History of East Asia from 1900

Professor Nish. Sessional.

(v) M.A. in Area Studies
(European Studies)

Programme on Nationalism

Hy177 Nationalism in the Relations between Germany and her Neighbours in the Twentieth Century (Intercollegiate Seminar)
Mr Grün. Sessional.
This course will not be given in 1981-82.

Programme on European Working Classes and Working Class Movements

Hy178 Anarchism, Movements and Ideas, 1860-1921 (Intercollegiate Seminar)
Dr Polonsky. Sessional.

(vi) M.Sc. in European Studies

Hy179 European History since 1945
Dr Sked. Fifteen lectures, Michaelmas and Lent Terms.

Hy179(a) Classes
Lent Term. In connection with Course Hy179.

M.PHIL./PH.D. SEMINARS

Hy180 International History, 1660-1789 (Introductory Course)
Dr McKay. Michaelmas Term.
For beginners in research on the sources and methods of research in modern diplomatic history.

Hy182 International History, 1814-1919 (Seminar)
Professor Bourne, Dr Bullen and Dr Sked. Fortnightly, Sessional. At the Institute of Historical Research. Admission by permission of Professor Bourne.

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Hy183 International History since 1919 (Seminar)
Professor Watt, Mr Grün and Mr Robertson. Fortnightly, Sessional. Admission by permission of Professor Watt.

Hy184 Aspects of Military Policy in the Nineteenth and Twentieth Centuries (Seminar)
Mr Bond and Professor Watt. Sessional. At the Institute of Historical Research.

Hy185 English History c. 1500-c. 1650 (Seminar)
Dr Goring, Dr Starkey and Dr Tyacke. Fortnightly, Sessional. At the Institute of Historical Research.

Hy186 European History from 1648-1789 (Seminar)
Dr de Madariaga, Mr Gibbs, Dr McKay and Dr Mettam. Fortnightly, Sessional. At the Institute of Historical Research.

General and Special Courses for B.A. Honours in History

Hy200 Introduction to British History
Dr L. M. Brown, Dr Starkey and Mr Gillingham. Lecture-classes in the first two weeks of Michaelmas Term.
For B.A. Hist. 1st yr.
Recommended reading will be given during the course.

Hy201 British History to the End of the Fourteenth Century
Mr Gillingham. Thirty lectures, Sessional.
For B.A. Hist.; B.A. c.u. main field Anth. and Med. Hist.
Recommended reading will be given during the course.

Hy201(a) British History to the End of the Fourteenth Century (Classes)
Mr Gillingham. Sessional.
For B.A. Hist.; B.A. c.u. main field Anth. and Med. Hist.

Hy202 British History from the Beginning of the Fifteenth Century to the Middle of the Eighteenth Century
Dr Starkey. Thirty lectures, Sessional.
For B.A. Hist.; B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.
Recommended reading will be given during the course.

Hy202(a) British History from the Beginning of the Fifteenth Century to the Middle of the Eighteenth Century (Classes)
Sessional.
For B.A. Hist.

Hy203 British History from the Middle of the Eighteenth Century
Dr L. M. Brown. Twenty-five lectures, Sessional.
For B.A. Hist.; B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.
Recommended reading will be given during the course.

Hy203(a) British History from the Middle of the Eighteenth Century (Classes)
Dr L. M. Brown and others. Sessional.
For B.A. Hist.

Hy203(b) British History, 1760-1914 (Classes)
For B.Sc. c.u. main field Geog.; B.Sc. (Econ.) Part II.

Hy204 European History, 400-1200 (Classes)
Mr Gillingham.
This course may not be given in 1981-82.
For B.A. Hist.; B.A. c.u. main field Anth. and Med. Hist.

Hy205 European History, 1200-1500 (Classes)
Mr Gillingham.
For B.A. Hist.

Hy206 European History, 1500-1800 (Classes)
Dr McKay. Sessional.
For B.A. Hist.

Hy207 European History from 1800 (Classes)
Dr Bullen. Sessional.
For B.A. Hist.

Hy208 World History (Classes)
Dr Polonsky. Sessional.
For B.A. Hist.

401 *General and Special Courses for B.A. Honours in History*

Hy209 The History of Political Ideas (Class)

The course lasts three terms, beginning in the Lent Term. Students are required to attend lecture course Gv102
For B.A. Hist. 2nd and 3rd yrs. (continuing).

Hy210 Diplomatic History, 1814–1957 (Intercollegiate Classes)
Mr Grün and Dr Bullen. Sessional.
For B.A. Hist. 2nd yr.

Hy213 The Economy of England: 1350–1500 (Intercollegiate Classes)
Dr Bridbury. Michaelmas and Lent Terms for third year, Summer Term for second year.
For B.A. Hist. 2nd and 3rd yrs.

Hy214 Palmerston, the Cabinet and the European Policy of Great Britain, 1846–1851 (Intercollegiate Seminar)
Professor Bourne and Dr Bullen. Michaelmas and Lent Terms for third year, Summer Term for second year.
For B.A. Hist. 2nd and 3rd yrs.

Hy215 Japan and the Far Eastern Crisis 1931–41 (Intercollegiate Seminar)
Professor Nish and Dr Sims (S.O.A.S.). Michaelmas and Lent Terms for third year, Summer Term for second year.
For B.A. Hist. 2nd and 3rd yrs.

Hy216 The Great Powers 1945–54 (Intercollegiate Seminar)
Professor Leslie (Q.M.C.) and Dr Polonsky and Dr Sked. Michaelmas and Lent Terms for third year, Summer Term for second year.
For B.A. Hist. 2nd and 3rd yrs.

Foreign Languages for Historians
Language courses to meet the requirement for the B.A. History degree will be available either in the School or intercollegiately.

402 *General and Special Courses for B.A. Honours in History*

Hy217 French (Classes)
Dr Starkey. Lent and Summer Terms.
For B.A. Hist. 1st yr.

Hy218 German (Classes)
Mr Gillingham. Lent and Summer Terms.
For B.A. Hist. 1st yr.

Hy219 Latin (Classes)
Mr Gillingham. Lent and Summer Terms.
For B.A. Hist. 1st yr.

Note Intercollegiate lecture courses covering the field of Mediaeval and Modern European History and of World History from the End of the Nineteenth Century are given at the Senate House on Monday throughout the session.

Reference should also be made to the following courses:

Hy100: Political History, 1789–1941

Hy102: The History of European Ideas since 1700

Hy113: International History, 1494–1815

Hy116: International History, 1815–1914

Hy117: International History since 1914: (i) to 1945

Gv100: An Introduction to Political Thought: The Greeks

Gv102: Political Thought

Gv104: Three Key Mediaeval Political Thinkers

International Relations

IR100 International Problems of the Twentieth Century

Professor Northedge. Ten lectures, Michaelmas Term.
For all International Relations students.
Syllabus This introductory course will review some of the more important political and economic problems which have influenced the development of international relations since 1914 and which have helped to shape the agenda of diplomacy. These problems include total war and the totalitarian state, the question of coexistence between the liberal democracies and the communist states, the relative decline of Europe as a theatre of world politics, the rise of the super-powers, the emergence of the Third World and the struggle against poverty and racial inequality, the advent of nuclear weapons and the political effects of technological change. Some assessment will be offered of the manner in which such problems have been handled, but the main emphasis will be on their role as themes of international argument and as forces affecting the politics of states.
Recommended reading will be given as the course proceeds.

IR101 Structure of International Society

Mr Mayall. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part I; B.A. c.u. main field French Studies 1st yr.; B.Sc. c.u. main fields Geog., Soc., Soc. Psych. 1st yr.
Syllabus A survey of the concepts required for an elementary analysis of the world society. First, statehood: sovereignty and its origins, nations and nationalism, self-determination, national interest and foreign policy, security and defence. Second, the interstate system: diplomacy, law, morality, conflicts, cooperation and various institutional patterns in relations between states. Third, major contemporary structures in the world society: relationships of power, interdependence, dominance and dependence, arms races and wars, processes of change and maintenance of stability. Finally, basic theory and methods: units of analysis, levels of analysis, history of thought and prevailing theories.
Recommended reading C. A. W. Manning.

403 *International Relations*

The Nature of International Society; J. Frankel, *International Politics: Conflict and Harmony*; R. Aron, *Peace and War*; K. J. Holsti, *International Politics*; H. J. Morgenthau, *Politics Among Nations*; E. H. Carr, *Twenty Years' Crisis*; F. S. Northedge and M. J. Grieve, *A Hundred Years of International Relations*; R. J. M. Wight, *Power Politics*; G. Barraclough, *An Introduction to Contemporary History*; K. Polanyi, *The Great Transformation: Origins of Our Time*; L. Henkin, *How Nations Behave*; O. J. Lissitzyn, *International Law Today and Tomorrow*; J. Frankel, *National Interest*; F. S. Northedge, *The International Political System*; F. S. Northedge (Ed.), *The Foreign Policies of the Powers*; L. J. Halle, *The Nature of Power*; A. Wolfers, *Discord and Collaboration*; I. L. Claude, *Power and International Relations*; A. Buchan, *War in Modern Society*; J. Herz, *International Politics in the Atomic Age*; F. H. Hinsley, *Nationalism and the International System*; H. N. Bull, *The Anarchical Society*; B. C. Cohen, *The Question of Imperialism*; R. Ogley (Ed.), *The Theory and Practice of Neutrality in the Twentieth Century*; P. A. Reynolds, *An Introduction to International Relations*; A. M. Scott, *The Revolution in Statecraft*; E. Kedourie, *Nationalism*; G. Stern, *Fifty Years of Communism*; M. D. Shulman, *Beyond the Cold War*; H. Bull, *The Control of the Arms Race*; M. Wright, *Disarm and Verify*; M. Katz, *The Relevance of International Adjudication*; K. J. Twitchett (Ed.), *International Security*; I. L. Claude, *The Changing United Nations*; H. G. Nicholas, *The United Nations as a Political Institution*; H. Butterfield and M. Wight (Eds.), *Diplomatic Investigations*; K. N. Waltz, *Man, the State and War*; C. V. Crabb, *Nations in a Multipolar World*; J. W. Burton, *World Society*; W. A. Axline and J. A. Stegenga, *The Global Community*.

IR101(a) Structure of International Society (Class)

Members of the department. Sessional.

IR102 International Politics

Mr Banks. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.A./B.Sc. c.u.

main field Geog. 2nd or 3rd yrs.; Dip. Int. and Comp. Pol.; M.Sc.

Syllabus The emergence and organisation of the modern international system of states and the underlying concepts of territorial sovereignty and legitimacy, of national identity and national interest. The ends and means of interstate relations, the instruments of foreign policy and diplomacy and the main forms of political relationships between states—hegemony, alliance, neutrality, non-alignment, association on a regional, ideological, cultural or stage-of-economic-development basis. The influence of ideas, of legal and moral constraints, of revolutionary movements and of changes in the distribution of wealth on international relations. Problems of war and conflict, of dependency and development in international relations and the mechanisms and processes available for securing greater stability and equity in the international political system.

Recommended reading R. Aron, *Peace and War*; K. E. Boulding, *Stable Peace*; A. B. Bozeman, *Politics and Culture in International History*; W. Brandt *et al*, *North-South: A Programme for Survival*; B. Brodie, *War and Politics*; S. Brucan, *The Dialectic of World Politics*; H. N. Bull, *The Anarchical Society*; J. W. Burton, *Systems, States, Diplomacy and Rules*; J. W. Burton, *Deviance, Terrorism, and War*; I. Clark, *Reform and Resistance in the International Order*; I. L. Claude, *Power and International Relations*; B. J. Cohen, *The Question of Imperialism*; K. Deutsch, *The Analysis of International Relations*; M. Donelan (Ed.), *The Reason of States*; R. A. Falk, *A Study of Future Worlds*; J. Galtung, *The True Worlds*; R. Gilpin, *U.S. Power and the Multinational Corporation*; A. J. R. Groom and C. R. Mitchell (Eds.), *International Relations Theory: A Bibliography*; L. Henkin, *How Nations Behave*; A. O. Hirschmann, *National Power and Foreign Trade*; K. J. Holsti, *International Politics: A Framework for Analysis*; R. Jervis, *Perception and Misperception in International Politics*; H. Kahn, *The Next 200 Years*; R. O. Keohane and J. S. Nye, *Power and Interdependence*; K. Knorr, *The Power of Nations*; D. L. Meadows, *The Limits to Growth*; H. J. Morgenthau, *Politics Among Nations*; E. L. Morse, *Modernization and the Transformation of International Relations*; F. S. Northedge, *The International Political System*; W. Ophuls, *Ecology and the Politics of Scarcity*; R. Pettman, *State and Class*; D. Pirages, *The New Context for International*

Relations; J. N. Rosenau (Ed.), *International Politics and Foreign Policy*; T. C. Schelling, *The Strategy of Conflict*; I. Wallerstein, *The Modern World System*; K. Waltz, *Theory of International Politics*; M. Wight, *Power Politics*; Q. Wright, *The Study of International Relations*.

IR102(a) International Politics (Class)

Michaelmas and Lent Terms.

IR104 Concepts and Methods of International Relations

Mr Banks. Ten lectures, Michaelmas Term.

For M.Sc.; B.Sc. (Econ.) Part II; B.A./B.Sc. c.u. main fields Geog.; Optional for Dip. Int. and Comp. Pol. and other students.

Syllabus Evolution and character of the international relations discipline and associated fields. Present structure of the discipline. Problems of epistemology and method. Levels of analysis and units of analysis. Principal conceptual frameworks: state-centric, pluralist, structuralist. Major contemporary paradigms: power theory, the systems perspective, policy formation, psychological approaches, conflict analysis, bargaining theory, organisation theory, communications theories, integration theory. Applications, developments and criticisms of these paradigms. Research techniques at the international and cross national levels: definitions and measurement, aggregate data analysis, case studies, small-group research, simulation, documentary analysis, formal modelling. Normative approaches: the peace research movement and the growth of futurist studies. Political aspects of major topics of contemporary concern: alienation and violence (official and non-governmental), ecological degradation, resource depletion, social injustice, mass poverty. The relationship between the academic discipline and policy formation. Contemporary trends and controversies.

Recommended reading C. R. Beitz, *Political Theory and International Relations*; P. L. Berger, *Pyramids of Sacrifice*; K. Booth, *Strategy and Ethnocentrism*; K. E. Boulding, *Ecodynamics*; J. W. Burton, *Deviance, Terrorism and War*; K. W. Deutsch *et al* (Eds.), *Problems of World Modelling*; J. E. Dougherty and R. L. Pfaltzgraaf (Eds.), *Contending Theories of International Relations*; C. Freeman and M. Jahoda (Eds.), *World Futures*; J. Galtung, *The True*

Worlds; G. D. Garson, *Handbook of Political Science Methods*; K. Goldmann and G. Sjostedt, *Power, Capabilities, Interdependence*; M. A. Kaplan, *Towards Professionalism in International Theory*; R. O. Keohane and J. S. Nye, *Power and Interdependence*; R. J. Lieber, *Theory and World Politics*; C. Lockhart, *Bargaining in International Conflicts*; C. A. McClelland, *Theory and the International System*; E. L. Morse, *Modernization and the Transformation of International Relations*; R. Pettman, *State and Class*; A. Rapoport, *Conflict in Man-Made Environments*; D. Ronen, *The Quest for Self-Determination*; J. N. Rosenau (Ed.), *In Search of Global Patterns*; J. D. Singer, *The Correlates of War*; J. D. Steinbruner, *The Cybernetic Theory of Decision*; K. N. Waltz, *Theory of International Relations*.

IR105 The Foreign Policies of the Powers

Members of the department, Professor Morgan, Dr Wallace, Professor Hosaya and Professor Nish. Thirty lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Dip. Int. and Comp. Pol. and other graduate students.

Syllabus An analysis of the foreign policies of a selected group of major States, with due regard to their respective national interests, external commitments, traditional values and other relevant factors. The role of internal group interests and electoral considerations. Constitutional machinery for the formulation of foreign policy. Diplomatic services and techniques. Illustrative material will be drawn mainly from the post-1945 period. The United States, the United Kingdom, the Soviet Union, France, India, the German Federal Republic and Japan will be considered in the session 1981–1982.

Recommended reading

(a) THE UNITED STATES: C. V. Crabb, *Policy Makers and Critics*; R. Levering, *The Public and American Foreign Policy*; T. Frank and E. Waisband, *Foreign Policy by Congress*; R. Neustadt, *Presidential Power*; R. Hilsman, *The Politics of Policy Making in Defense and Foreign Affairs*; I. Destler, *Making Foreign Economic Policy*; L. Kirkpatrick, *The United States Intelligence Community*; S. Hoffmann, *Primacy or World Order*.

(b) THE UNITED KINGDOM: Lord Strang, *The*

Foreign Office; F. S. Northedge, *Descent from Power: British Foreign Policy, 1945–1973*; Roy E. Jones, *The Changing Structure of British Foreign Policy*; David Dilks (Ed.), *Retreat from Power* (2 Vols.); F. S. Northedge, *The Troubled Giant*; M. Leifer (Ed.), *Constraints and Adjustments in British Foreign Policy*; R. Boardman and A. J. R. Groom (Eds.), *The Management of Britain's External Relations*; E. Barker, *Britain in a Divided Europe*; U. Kitzinger, *Diplomacy and Persuasion*; A. J. Pierre, *Nuclear Politics*; S. Strange, *Sterling and British Policy*; D. C. Watt and J. Mayall (Eds.), *Current British Foreign Policy 1970 and 1971* (2 Vols.); W. Wallace, *The Foreign Policy Process in Britain*.

(c) THE SOVIET UNION: K. and I. Hulicka, *Soviet Institutions, the Individual and Society*; I. Lederer (Ed.), *Soviet Foreign Policy*; J. F. Triska and D. D. Finley, *Soviet Foreign Policy*; A. B. Ulam, *Expansion and Co-existence*; W. Welch, *American Images of Soviet Foreign Policy*; E. Hoffman and F. Fleron (Eds.), *The Conduct of Soviet Foreign Policy*.

(d) FRANCE: Edward A. Kolodziej, *French International Policy under de Gaulle and Pompidou*; Herbert Tint, *French Foreign Policy since the Second World War*; Philip Cerny, *The Politics of Grandeur—Ideological Aspects of de Gaulle's Foreign Policy*; W. Wallace and W. Paterson (Eds.), *Foreign Policy-Making in Western Europe*; Jack Hayward, *The One and Indivisible French Republic*; Vincent Wright, *The Government and Politics of France*; Martin Schain and Philip Cerny (Eds.), *French Politics and Public Policy*.

(e) INDIA: J. Bandyopadhyaya, *The Making of India's Foreign Policy*; W. J. Barnds, *India, Pakistan and the Great Powers*; C. H. Heimsath and S. Mansingh, *A Diplomatic History of Modern India*; R. Kothari, *Politics in India*; L. J. Kavic, *India's Quest for Security, Defence Policies 1947–65*; A. Lamb, *The China-India Border*; N. Maxwell, *India's China War*; K. P. Misra (Ed.), *Studies in Indian Foreign Policy*; J. Nehru, *An Autobiography*; J. Nehru, *Speeches*; R. L. Park, "India's Foreign Policy", Chapter 9 in Roy C. Macridis (Ed.), *Foreign Policy in World Politics*, 4th edn.; B. Sen Gupta, *The Fulcrum of Asia: Relations Among China, India, Pakistan and the USSR*; O. H. K. Spate and A. T. A. Learmonth, *India and Pakistan*; K. Subrahmanyam, *Bangladesh and India's Security*; S. P. Varma and K. P. Misra (Eds.), *Foreign Policies in South Asia*; W. A. Wilcox, "India and Pakistan" in Spiegel and Waltz (Eds.), *Conflict in World*

Politics.

(f) WEST GERMANY: H. Speier (Ed.), *West German Leadership and Foreign Policy*; A. Grosser, *Germany in our Time*; K. Kaiser and R. Morgan (Eds.), *Great Britain and West Germany: Changing Societies and the Future of Foreign Policy*; R. Morgan, *West Germany's Foreign Policy Agenda*; K. Deutsch and L. Edinger, *Germany Rejoins the Powers*; H. Plessner, *Die verspätete Nation*.

(g) INDONESIA (This course will not be offered in 1981-82.): G. McT. Kahin, *Nationalism and Revolution in Indonesia*; A. M. Taylor, *Indonesian Independence and the U.N.*; L. H. Palmier, *Indonesia and the Dutch*; J. A. C. Mackie, *Konfrontasi. The Indonesia-Malaysia Dispute, 1963-1966*; G. Modelski (Ed.), *The New Emerging Forces*; A. C. Brackman, *Southeast Asia's Second Front*; D. E. Weatherbee, *Ideology in Indonesia; Sukarno's Indonesian Revolution*; F. B. Weinstein, *Indonesia Abandons Confrontation*; P. Polomka, *Indonesia since Sukarno*.

(h) JAPAN: D. C. Hellman, *Japan and East Asia: The New International Order*; F. C. Langdon, *Japan's Foreign Policy*; D. H. Mendel, *The Japanese People and Foreign Policy*; L. Olson, *Japan in Postwar Asia*; J. A. Stockwin, *The Japanese Socialist Party and Neutralism*; M. E. Weinstein, *Japan's Postwar Defence Policy, 1947-1968*.

IR106 Foreign Policy Analysis

Dr C. J. Hill. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students.

Syllabus An investigation of the behaviour of the individual actors of international relations, focusing mainly, but not entirely, on states; the various influences on decision-making in foreign policy, external and internal; the importance of bureaucracy, of domestic political systems, of economic development and of the groups affected by foreign policy; the problems arising out of the formulation of goals and the choice of policy instruments; psychological elements in policy-making; transnational relations.

Recommended reading G. T. Allison, *Essence of Decision*; J. Barber and M. Smith (Eds.), *The Nature of Foreign Policy: A Reader*; M. Brecher, *The Foreign Policy System of Israel*; C. Clapham (Ed.), *Foreign Policy Making in Developing States*; B. C.

Cohen, *The Public's Impact on Foreign Policy*; J. Frankel, *The Making of Foreign Policy*; M. Halperin, *Bureaucratic Politics and Foreign Policy*; F. Iklé, *How Nations Negotiate*; R. Jervis, *Perception and Misperception in International Politics*; I. Janis, *Victims of Groupthink*; R. Jones, *Analysing Foreign Policy*; P. G. Lauren (Ed.), *Diplomacy*; E. May, *'Lessons' of the Past*; F. S. Northedge (Ed.), *The Foreign Policies of the Powers*; H. & M. Sprout, *The Ecological Perspective in Human Affairs*; J. Steinbruner, *The Cybernetic Theory of Decision*; D. Vital, *The Inequality of States*; W. Wallace and W. Paterson, *Foreign Policy-Making in Western Europe*; K. Waltz, *Foreign Policy and Democratic Politics*; P. Williams, *Crisis Management*; A. Wolfers, *Discord and Collaboration*.

IR106(a) Foreign Policy Analysis (Class)

Members of the department. Michaelmas and Lent Terms, beginning middle of the Michaelmas Term.

IR107 Decisions in Foreign Policy

Dr C. J. Hill. Eight lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Dip. Int. and Comp. Pols. and other interested students.

Syllabus An examination, through case-studies, of decision-making in the field of foreign policy. How far do the sources of foreign policy vary, according to issues, contexts, pressures and procedures? Problems of power and process.

Introduction: Theories and categories which may be employed; the central questions. Cases: The British Decision for War, 1939; The Marshall Plan, 1947; American action in Korea, 1950-51; The Cuban Missile Crisis, 1962; Britain's Withdrawal from East of Suez, 1956-74; The Soviet Invasion of Czechoslovakia, 1968. Conclusions: Comparisons, contrasts, common factors, the utility of foreign policy theory.

Recommended reading F. E. Rourke, *Bureaucracy and Foreign Policy*; J. Rosenau, *The Scientific Study of Foreign Policy*; G. Parry, *Political Elites*; M. Brecher, *Decisions*

in Israel's Foreign Policy; I. Janis, *Victims of Groupthink*; S. Aster, *1939*; M. Howard, *The Continental Commitment*; S. Newman, *March 1939: The British Guarantee to Poland*; H. Arkes, *Bureaucracy, the Marshall Plan, and the National Interest*; J. M. Jones, *The Fifteen Weeks*; G. Paige, *The Korean Decision*; B. Brodie, *War and Politics*; D. Rees, *Korea: The Limited War*; G. Allison, *Essence of Decision*; E. Abel, *The Missiles of October* (2nd edn.); R. Kennedy, *Thirteen Days: A Memoir of the Cuban Missile Crisis*; P. Darby, *British Defence Policy East of Suez, 1947-1968*; P. Gordon Walker, *The Cabinet* (Revised edn.); H. Wilson, *The Labour Government, 1964-70*; P. Windsor and E. A. Roberts, *Czechoslovakia, 1968*; R. Remington, *The Warsaw Pact*.

IR108 International Institutions

Professor Strange. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

Syllabus How international organizations came to play a part in the relations of states; the ideas and needs that generated them; and the uses to which they have been put. The course will explore the issues and conflicts surrounding the design and operation of intergovernmental institutions and their relation to the foreign and domestic interests and policies of their member states. It will do so with special reference to organizations concerned with world order, peace and conflict resolution; to organizations for mutual defence and security; for regional cooperation, political and economic; and to organizations concerned with the management of money, trade, and development in the world economy.

Recommended reading I. Claude, *Swords into Ploughshares*; H. Jacobson, *Networks of Interdependence*; R. Henig (Ed.), *The League of Nations*; G. Scott, *The Rise and Fall of the League of Nations*; J. G. Stoessinger, *The United Nations and the Superpowers*; M. Zacher, *International Conflicts and Collective Security, 1946-77*; A. James, *The Politics of Peacekeeping*; H. Nicholas, *The UN as a Political Institution*; R. Higgins, *UN Peacekeeping 1946-67*, Vols. 1-3; R. S. Jordan, *Political Leadership in NATO*; M. Kaser, *Comecon*; J. Spero, *The Politics of International Economic Relations*; R. Pryce, *The Politics of the European Community*; F. A. Beer, *Integration and*

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Disintegration in NATO; M. Wolfers, *Politics in the Organization of African Unity*; R. Rothstein, *Global Bargaining*; G. Helleiner, *A World Divided*; B. Cohen, *Organizing the World's Money*; R. Hanson, *Beyond the North-South Stalemate*.

IR108(a) International Institutions Class

Member of the department. Ten classes, Lent Term.

For second-year students and Dip. Int. and Comp. Pols.

IR108(b) International Institutions Class

Members of the department. Five classes, Lent Term.

For third-year students.

IR109 Theories of International Institutional Co-operation

Mr Taylor. Five lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols.

Syllabus Concepts, theories and approaches, which (a) permitted and encouraged the growth of international organisation, (b) sought to explain its methods of work, its relationship with the international system and its role in integration between states and (c) which prescribed for specific changes and future developments. The ideas are divided into three main groups: adjustment theories, being about ways in which states attempt to cope with demands made upon them in international organisation, e.g. multilateral diplomacy, coordination, association, harmonisation and supranationalism; integration theories, e.g. neofunctionalism, transnationalism; and constitutional theories, international government and federalism.

Recommended reading Inis Claude, *Swords into Plowshares*; J. P. Sewell, *Functionalism and World Politics*; G. Myrdal, *Beyond the Welfare State*; W. Foote, *Dag Hammarskjöld: Servant of Peace*; C. W. Jenks, *The Common Law of Mankind*; K. Deutsch, *Political Community in the North Atlantic Area*; G. Clark and L. Sohn, *World Peace through World Law*; P. Taylor, *International Co-operation Today*; P. Taylor and A. J. R. Groom (Eds.), *International Organisation: A Conceptual Approach*; R. J.

Harrison, *Europe in Question*; C. Pentland, *International Theory and European Integration*; D. Mitrany, *A Working Peace System*; A. J. R. Groom and P. G. Taylor (Eds.), *Functionalism*.

IR116 International Communism

Mr G. H. Stern. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus International implications of the Bolshevik Revolution of 1917. The development of Communist Parties, factions and fronts in Europe, Asia, the Middle East and elsewhere: their inter-relations and their degree of sensitivity to changes in Soviet domestic and foreign policies. The institutional structure of the Comintern, Cominform, Comecon and the Warsaw Pact; the effectiveness of these organizations in the achievement of their presumed goals. The Sino-Soviet dispute and the emergence of polycentrism in the Communist world.

Recommended reading F. Borkenau, *World Communism*; Z. K. Brzezinski, *The Soviet Bloc*; E. H. Carr, *German-Soviet Relations between the Two World Wars, 1919-1939*; J. Degras (Ed.), *The Communist International 1919-1943: Documents*, Vols. I, II and III; I. Deutscher, *Stalin*; K. Grzybowski, *The Socialist Commonwealth of Nations*; M. Kaser, *Comecon*; G. F. Kennan, *Russia and the West under Lenin and Stalin*; D. Lascelles, *Comecon to 1980*; R. Loewenthal, *World Communism: the Disintegration of a Secular Faith*; R. H. McNeal (Ed.), *International Relations Among Communists*; S. Schram, *The Political Thought of Mao Tse-tung*; R. F. Staar, *The Communist Regimes in Eastern Europe*; J. Steele, *Eastern Europe since Stalin*; G. H. Stern, *Fifty Years of Communism*; D. W. Treadgold (Ed.), *Soviet and Chinese Communism: Similarities and Differences*; R. Tucker, *The Marxian Revolutionary Idea*; M. Waller, *The Language of Communism*.

IR117 The External Relations of the Chinese People's Republic

Mr Yahuda. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students.

Syllabus An analysis of the various explanations of the mainsprings of Chinese foreign policy. Interactions between domestic and external factors. Relations with

the Great Powers, the Third World, the Medium Powers, and her neighbours. Continuity and discontinuity in Chinese foreign policy.

Recommended reading will be given at the beginning of the course.

IR118 New States in World Politics

Dr Lyon. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students.

Syllabus Comparative evaluation of the ways in which new states emerge into independence, their assets and liabilities for the conduct of their international affairs, and their roles as producers or consumers of international order. The contemporary new states in terms of: statehood and nationhood; neutralism and non-alignment; imperialism, colonialism and neo-colonialism; praetorianism and populism; autonomy and autarchy; irredentism and secessionism.

Recommended reading D. Apter, *The Politics of Modernisation*; C. E. Black, *The Dynamics of Modernisation*; P. Calvocoressi, *New States and World Order*; K. W. Deutsch and W. Foltz (Eds.), *Nation-Building*; S. N. Eisenstadt, *Tradition, Change and Modernity*; S. E. Finer, *The Man on Horseback*; C. Geertz (Ed.), *Old Societies and New States*; S. Huntington, *Political Order in Changing Societies*; A. James (Ed.), *The Bases of International Order*; G. H. Jansen, *Afro-Asia and Non-alignment*; E. Kedourie, *Nationalism*; E. Kedourie, *Nationalism in Asia and Africa*; P. Lyon, *Neutralism*; D. Rustow, *A World of Nations*; E. Shils, *Political Development in the New States*; E. Shils, *Center and Periphery: Essays in Macrosociology*; H. Seton-Watson, *States and Nations*.

IR119 International Relations in Southern Asia

Dr Lyon and Mr Yahuda. Ten lectures, Michaelmas Term.

For M.Sc. and other graduate students.

Syllabus Domestic context and regional environment. Transfers of power and the shaping of foreign policies. External interests and the nature of external involvements: (1) The Communist Powers; (2) The American Alliance system and its revision. The responses of the regional states: alignments and non-alignment. The sources and patterns

of intra-regional conflict. The changing impact and balance of external involvements. Intra-regional association and local initiatives for regional order. The relationship between regional order and world order.

Recommended reading J. Badgely, *Asian Development*; M. Leifer, *Dilemmas of Statehood in S.E. Asia*; *The Foreign Relations of the New States*; W. Wilcox et al, *Asia and the International System*; W. Levi, *The Challenge of World Politics in South and S.E. Asia*; D. E. Kennedy, *The Security of Southern Asia*; G. H. Jansen, *Afro-Asia and Non-Alignment*; P. Lyon, *War and Peace in S.E. Asia*; D. Wilson, *The Neutralization of S.E. Asia*; W. J. Barnds, *India, Pakistan and the Great Powers*; R. Jackson, *South Asian Crisis*; C. B. McLane, *Soviet Strategies in S.E. Asia*; F. Green, *U.S. Policy and the Security of Asia*; G. Porter, *A Peace Denied*; Tang Tsou (Ed.), *China's Policies in Asia*; C. P. Fitzgerald, *China and Southeast Asia since 1945*; F. Langdon, *Japan's Foreign Policy*; A. Lamb, *Asian Frontiers*; R. Prescott, *Map of Mainland Asia by Treaty*.

IR120 International Politics of Africa

Mr Mayall and Mr Panter-Brick.

Ten lectures, Michaelmas Term.

For M.Sc.; M.A. Area Studies—Africa.

Syllabus The ideology of Pan-Africanism; its historical importance and its contemporary relevance. The formation and functioning of the Organisation of African Unity; Questions of self-determination and state frontiers. Concepts of non-alignment and neo-colonialism. Special relationships in the context of the Commonwealth, La Francophonie, the European Economic Community; relations with the Super-Powers. The present basis, character and extent of inter-state cooperation among the African States themselves. Policies within the United Nations, especially with respect to Southern Africa.

Recommended reading K. Nkrumah, *Africa Must Unite*; I. Wallerstein, *Africa: the Politics of Unity*, Ali Mazrui, *Towards a Pax Africana*; *The International Politics of Africa*; I. W. Zartman, *International Relations in the New Africa*; Z. Cervenka, *The Organisation of African Unity and its Charter*; S. Touval, *The Boundary Politics of Independent Africa*; G. de Lusignan, *French Speaking Africa since Independence*, Part 3; A. Tevoedjre, *Pan-Africanism in Practice*; P. Robson, *Economic Integration in Africa*; W.

A. Nielson, *The Great Powers and Africa*; J. Mayall, *Africa: The Cold War and After*; I. W. Zartman, *The Politics of Trade Negotiations Between Africa and the European Economic Community*; D. Rothchild (Ed.), *Politics and Integration: An East African Documentary*; I. Brownlie (Ed.), *Basic Documents on African Affairs*; I. Geiss, *The Pan-African Movement*; J. A. Langley, *Pan-Africanism and Nationalism in Africa, 1900-45*; R. Legvold, *Soviet Policy in West Africa, 1958-71*; A. Hazlewood, *Economic Integration: the East African Experience*. For articles consult *International Affairs*; *World Today*; *International Organisation*; *African Affairs*; *Journal of Modern African Studies* and *Africa Report*.

Students should also attend Course IR158 Foreign Relations of African States and may, if they wish, attend Course Gv162, Politics in Africa.

IR121 The Great Powers and the Middle East

Dr Hirszowicz. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc. and other interested students.

Syllabus A survey and analysis of the contemporary significance of the Middle East within the context of great power relations: the emergence and development of the Middle Eastern states system under the impact of the great powers; the importance of Middle East oil and other economic interests; the interplay of domestic politics, intra-regional conflicts and international rivalries in the policies of the Middle Eastern governments; great power rivalry and the strategic position of the Middle East.

Recommended reading H. Sh. Chubin and S. Zabih, *The Foreign Relations of Iran*; C. F. Doran, *Myth, Oil and Politics. Introduction to the Political Economy of Petroleum*; S. N. Fisher, *The Middle East. A History*; R. Freedman, *Soviet Policy Toward the Middle East since 1970*, Revised Edition; G. S. Harris, *Troubled Alliance. Turkish-American Problems in Historical Perspective*; M. Kerr, *The Arab Cold War. Gamal Abdul Nasser and his Rivals, 1958-1970*; M. Khadduri, *Socialist Iraq. A Study in Iraqi Politics since 1968*; I. J. Lederer and W. S. Vucinich (Eds.), *The Soviet Union and the Middle East. The Post World War II Era*; H. Longrigg and J. Jankowski, *The Middle East*.

A Social Geography; B. E. O'Neill, *Armed Struggle in Palestine. A Political-Military Analysis*; W. B. Quandt, *Decade of Decisions. American Policy Toward the Arab-Israeli Conflict*; N. Safran, *Israel. The Embattled Ally*; K. S. Salibi, *Crossroads to Civil War: Lebanon 1958-1976*; B. Shwadran, *Middle East Oil. Issues and Problems*; F. Tachau (Ed.), *Political Elites and Political Development in the Middle East*; A. Yodfat and M. Abir, *In the Direction of the Gulf. The Soviet Union and the Persian Gulf*.

IR122 The Politics of Western European Integration

Mr Taylor. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.A. c.u. main field French Studies 2nd yr.; M.Sc.; Optional for Dip. Int. and Comp. Pols.

Syllabus The emergence of the European Communities: the European idea; the dynamics of integration. The institutions: structure and policy-making processes (O.E.E.C.-O.E.C.D., Council of Europe, the E.E.C. and E.C.S.C.). The impact of the institutions upon state policy. Theoretical aspects: the notion of supranationality. The Federalist, the Confederalist and the Functionalist approaches to the integration of the Six. European security and European integration.

Recommended reading M. Hodges (Ed.), *European Integration*; P. Dagtoglou (Ed.), *Basic Problems of the European Community*; G. Mally, *The European Community in perspective: the new Europe, the United States and the world*; Political and Economic Planning, *European Unity*; L. N. Lindberg and S. Scheingold, *Europe's Would-Be Polity*; U. Kitzinger, *Diplomacy and Persuasion: How Britain joined the Common Market*; R. Morgan, *West European Politics since 1945*; A. Spinelli, *The Eurocrats*; J. Newhouse, *Collision in Brussels: the Common Market Crisis of 30 June 1965*; P. Taylor, *International Co-operation Today: the European and the Universal Pattern*; R. Pryce, *The Politics of the European Community*; W. Wallace, H. Wallace and C. Webb (Eds.), *Policy Making in the European Community*.

IR122(a) The Politics of Western European Integration (Class)

Seven classes, Lent Term.

For B.A. c.u. main field French Studies 2nd yr.

IR123 The External Relations of the European Community

Dr C. J. Hill. Five lectures, Michaelmas Term.

For M.Sc.; B.A. c.u. main field French Studies 2nd yr., and other interested graduate and undergraduate students.

Syllabus An examination of the external relations of the European Community with particular reference to forms of political cooperation, the role of the Commission, to East-West relations in Europe, to relations with the U.S.A. and Japan and to association agreements with African and Mediterranean countries.

Recommended reading will be given during the course.

IR124 International Business in the International System

Professor Strange. Five lectures, Michaelmas Term.

For M.Sc. and interested students.

Syllabus An introduction for non-specialists to questions raised by the expanding power in the world economy of large corporations operating transnationally; and to some of the explanations, extrapolations and interpretations that have been advanced concerning them; their impact on political theories, concepts of the state, national sovereignty and international relations and organisation; and on economic theories of international trade, payments and development. Normative and policy questions posed for individual states and for the international community and economy by the expansion of international production and economic enterprise.

Recommended reading R. Gilpin, *United States Policy and the Multinational Corporation*; J. R. Nye and R. Keohane, *Transnational Relations and World Politics*; P. Buckley and M. Casson, *The Future of the Multinational Enterprise*; C. Kindleberger (Ed.), *The International Corporation*; R. Vernon, *Storm over the Multinationals*; United Nations, *Transnational Corporations in World Development: a Re-examination*.

IR125 Money in the International System

Professor Strange and Professor S. Cohen. Fifteen lectures, Michaelmas and Lent Terms.

For M.Sc.; Optional for B.Sc. (Econ.) Part II.

Syllabus The management of money in an integrated world market economy is a matter of increasing consequence in world politics. Students of international relations may need to understand the basic functions of money in relation to patterns of economic growth and as a source and instrument of power in organised society. The course will deal, first, with basic concepts regarding the use, creation and management of money in society; and second, with the central issues of monetary management in the world economy: the use of national and international reserve assets; the rules of exchange rate adjustment; the operations of banks and other institutions in international money and capital markets, and the choices of monetary policy open to developed and developing countries.

Recommended reading B. Cohen, *Organizing the World's Money*; R. Aliber, *The International Money Game*; F. Block, *Origins of International Economic Disorder*; C. Coombs, *The Arena of International Finance*; R. Solomon, *The International Monetary System*; S. Strange, *International Monetary Relations*; J. Galbraith, *Money—whence it came and where it went*; B. Tew, *The Evolution of the International Monetary System*.

IR126 States and Markets: Political Aspects of the World Economy

Professor Strange. Ten lectures, Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For M.Sc.; B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

Syllabus The part played by states in the growth and development of the world market economy, formative policies toward trade, money, international movements of capital and labour, systems of transport and communication—their political motivations and consequences. The course will provide non-specialists with a broad introduction to international economic developments affecting international relations over the last century, and will give special attention to the period since 1945.

Recommended reading F. Braudel, *Capitalism and Material Life*; J. Baechler, *Origins of Capitalism*; C. Cipolla, *Economics of Population*; K. Polanyi, *The Great Transformation*; J. Hicks, *A Theory of Economic History*; Kenwood and Lougheed, *The Growth of the International Economy*; W. Ashworth, *A Short History of the*

International Economy since 1850; C. Kindleberger, *The World in Depression*; D. Calleo and B. Rowland, *America and the World Political Economy*; F. Meyer, *International Trade*.

IR127 Psychological Aspects of International Relations

Professor Northedge. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The more important psychological factors affecting the mutual relations of modern States. Consideration will be given to: non-rational elements in political belief and behaviour; the formation of political ideas and the external control of public opinion; the emotional functions of nationalism and other collective symbols of international relevance; communal traditions, sentiment and prejudice; national attitudes and character and methods of their study; ideological forces in policy-making; propaganda and psychological warfare; psychological factors in inter-state conflict.

Recommended reading M. and C. W. Sherif, *An Outline of Social Psychology*; I. L. Horowitz, *Radicalism and the Revolt against Reason*; R. Crawshaw-Williams, *The Comforts of Unreason*; E. Hoffer, *The True Believer*; G. A. Almond, *The Appeals of Communism*; F. C. Barghoorn, *The Soviet Cultural Offensive*; L. M. Fraser, *Propaganda*; J. C. Clews, *Communist Propaganda Techniques*; E. Fromm, *The Fear of Freedom*; B. C. Shafer, *Nationalism: Myth and Reality*; H. C. Kelman (Ed.), *International Behaviour*; D. Lerner, *Sykewar*; N. Berdyaev, *The Russian Idea*; W. Röpke, *The German Question*; B. Schaffner, *Fatherland*; K. Z. Lorenz, *On Aggression*; R. Niebuhr, *The Irony of American History*; R. Benedict, *Race and Racism*; Edwin I. Megargen and Jack E. Hokanson (Eds.), *The Dynamics of Aggression*; J. H. de Rivera, *The Psychological Dimension of Foreign Policy*; C. Yost, *The Insecurity of Nations*.

IR135 The International Legal Order

Professor Fawcett. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The role of international law in international society; the role of international law in the foreign policy decision-making process; the basis of legal

obligation; enforcement of international law and the question of sanctions; the sources of international law; the role of the United Nations in international law; peaceful change in international law; ideology and schools of thought in international law; the international judicial process.

Recommended reading L. Henkin, *How Nations Behave*; M. Kaplan and N. Katzenbach, *The Political Foundations of International Law*; C. de Visscher, *Theory and Reality in Public International Law*; K. Deutsch and S. Hoffman, *The Relevance of International Law*; R. Fisher, *International Crises and the Role of Law: Points of Choice*; A. Chayes, *International Crises and the Role of Law: The Cuban Missile Crisis 1962*; R. Bowie, *International Crises and the Role of Law: Suez 1956*; T. Ehrlich, *International Crises and the Role of Law: Cyprus 1958-1967*; G. Abi-Saab, *International Crises and the Role of Law: U.N. Operations in the Congo 1960-1964*; J. Briery, *The Basis of Obligation in International Law and Other Papers*; R. Falk, *The Status of Law in International Society*; A. Bozeman, *The Future of Law in a Multicultural World*; R. Higgins, *Conflict of Interests: International Law in a Divided World*; T. Franck, *The Structure of Impartiality*; W. Friedmann, *The Changing Structure of International Law*; M. McDougal and Associates, *Studies in World Public Order*; C. Jenks, *Law, Freedom and Welfare*; G. Schwarzenberger, *The Inductive Approach to International Law*; S. Rosenne, *The Law and Practice of the International Court*

IR135(a) The International Legal Order (Class)

Lent Term.

For B.Sc. (Econ.) Part II.

Syllabus International law governing the individual and collective use of force; the laws of war; human rights law; C.S.C.E.; the law of the sea.

IR136 Theories of International Politics

Mr Donelan. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Optional for Dip. Int. and Comp. Pols.

Syllabus Five theories of international politics, discussed in general and in terms of what they have to say about war, warfare, intervention and mutual assistance.

Recommended reading J. Wild, *Plato's Modern Enemies*; J. Finnis, *Natural Law and Natural Rights*; B. Midgley, *The Natural Law Tradition and the Theory of International Relations*; R. Niebuhr, *Christianity and Power Politics*; P. Brock, *A History of Pacifism*; M. Wight, *Power Politics*; R. Sterling, *Ethics in a World of Power*; Machiavelli, *The Prince*; H. Reiss (Ed.), *Kant's Political Writings*; W. Schiffer, *The Legal Community of Mankind*; F. Hinsley, *Power and Pursuit of Peace*; E. Kedourie, *Nationalism*; V. Kubalkova and A. Cruikshank, *Marxism-Leninism and the Theory of International Relations*; J. Tooke, *The Just War in Aquinas and Grotius*; G. Best, *Humanity in Warfare*; B. Paskins and M. Dockrill, *The Ethics of War*; R. Vincent, *Non-Intervention and International Order*; C. Beitz, *Political Theory and International Relations*.

IR136(a) Theories of International Politics (Class)

Lent Term.

For B.Sc. (Econ.) Part II.

IR137 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols.

Syllabus (i) the growth of the international economy and its political implications (ii) economic nationalism and regionalism in the international economy (iii) problems of political control of the contemporary international economy (iv) economic factors in the formulation of foreign policy (v) economic resources and foreign policy (vi) economic instruments of foreign policy.

Recommended reading W. Ashworth, *A Short History of the International Economy since 1850*; C. Kindleberger, *Power and Money*; J. Spero, *The Politics of International Economic Relations*; D. Blake and R. Walters, *Politics of Global International Economic Relations*; K. Polanyi, *The Great Transformation*; G. Gardner, *Sterling-Dollar Diplomacy*; G. Curzon, *Multilateral Commercial Diplomacy*; A. Nove and D. Donnelly, *East-West Trade*; S. Dell, *Trade Blocs and Common Markets*; D. Fieldhouse, *The Theory of Capitalist Imperialism*; J. M. Keynes, *The Economic Consequences of the*

Peace; R. Packenham, *Liberal America and the Third World*; T. Thornton (Ed.), *The Third World in Soviet Perspective*; H. Aubrey, *The Dollar in World Affairs*; S. Strange, *Sterling and British Policy*; R. Walters, *American and Soviet Foreign Aid*; M. Doxey, *Economic Sanctions and International Enforcement*; Andrew Shonfield (Ed.), *International Economic Relations of the Western World*; S. Krasner, *Defending the National Interest*.

IR137(a) The Politics of International Economic Relations (Class)

Mr Donelan and Mr Mayall. Lent Term.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

IR138 The Strategic Aspects of International Relations

Lecturer to be announced. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Int. and Comp. Pols. and other graduate students interested.

Syllabus The place of strategic factors in international relations. Security concerns as motives of state behaviour. Development of strategic concepts since Clausewitz. Changes in military technology and deployment since 1945 and their impact on strategic thinking. Elements of continuity and elements of change in thinking about the conduct of war. The development of strategic doctrine in the United States, the U.S.S.R. and Western Europe. The idea of deterrence. The idea of limited war. The problems of alliances. The attempts to find alternatives to traditional strategic approaches. The function of negotiated, imposed and unilateral measures of disarmament and arms limitation. The role of different forms of guerrilla warfare and political resistance in international relations. Questions of civil-military relations. The political assumptions of strategic thought.

Recommended reading will be given during the course.

IR138(a) The Strategic Aspects of International Relations (Class)

Members of the department. Lent Term.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.

IR139 Disarmament and Arms Limitation

Mr Sims. Ten lectures, Michaelmas and Lent Terms, beginning in the sixth week of the Michaelmas Term.

For undergraduates, Dip. Int. and Comp. Pols. and graduate students interested.

Syllabus Sequences of diplomacy, functions of the United Nations and contributions of treaties in the international discourse of disarmament and arms limitation; the history and effect of negotiations in these matters; unilateral disarmament; regional arms limitations; the control of nuclear testing and nuclear proliferation; agreements on seabed arms control and on chemical and biological weapons; proposals for limitation and disengagement of forces; the problems of verification, inspection, and control of armaments. The political, economic, legal, institutional and intellectual context of disarmament and arms limitation. Public opinion and other non-governmental influences on disarmament; institutional framework of policy formation and international negotiation; international behavioural assumptions underlying approaches to disarmament. These lectures seek to identify and explore the essential problems of disarmament and arms limitation, and to show how they relate to the central concerns of International Relations.

Recommended reading S. D. Bailey, *Prohibitions and Restraints in War*; R. J. Barnet and R. A. Falk (Eds.), *Security in Disarmament*; J. H. Barton and L. D. Weiler (Eds.), *International Arms Control*; L. Beaton, *The Reform of Power*; H. Bull, *The Control of the Arms Race*; A. Carter (Ed.), *Unilateral Disarmament*; D. L. Clarke, *The Politics of Arms Control*; W. Epstein, *The Last Chance: Nuclear Proliferation and Arms Control*; G. Fischer, *The Non-Proliferation of Nuclear Weapons*; J. Garnett (Ed.), *Theories of Peace and Security*; R. Jolly (Ed.), *Disarmament and Development*; W. H. Kincaid and J. D. Porro (Eds.), *Negotiating Security: An Arms Control Reader*; M. Meselson (Ed.), *Chemical Weapons and Chemical Arms Control*; A. Myrdal, *The Game of Disarmament*; P. J. Noel-Baker, *The Arms Race*; C. E. Osgood, *An Alternative to War or Surrender*; G. H. Quester, *The Politics of Nuclear Proliferation*; R. J. Ranger, *Arms and Politics, 1958-1978*; J. M. O. Sharp (Ed.), *Opportunities for Disarmament*; N. A. Sims,

Approaches to Disarmament; Stockholm International Peace Research Institute, *SIPRI Yearbook of World Armaments and Disarmament*; R. W. Terchek, *The Making of the Test-Ban Treaty*; P. Wallensteen (Ed.), *Experiences in Disarmament*; M. Willrich and J. B. Rhinelanders (Eds.), *SALT: The Moscow Agreements and Beyond*; Sir Michael Wright, *Disarm and Verify*; E. Young, *A Farewell to Arms Control?*

IR140 International Verification

Mr Sims. Five lectures. Lent Term. For all interested students.

Syllabus The nature of international verification and related concepts, including control, detection, inspection, investigation, safeguards and supervision. The relationship between confidence, credibility and arrangements for verification of compliance with treaty obligations. The changing debate over verification of disarmament and arms control agreements: certainty and probability; recent developments in complaint and consultation procedures; national and international controls. Disarmament and arms control verification compared with verification arrangements in selected sectors of the United Nations system: the experience of Specialised Agencies and other inter-governmental organisations. Intrusiveness, stringency and other qualities of verification procedures. The interaction of law, diplomacy and international organisation in different patterns of verification.

Recommended reading R. J. Barnet and R. A. Falk (Eds.), *Security in Disarmament*; K. Bruun, L. Pan and I. Rexed, *The Gentlemen's Club: International Control of Drugs and Alcohol*; L. Freedman, *U.S. Intelligence and the Soviet Strategic Threat*; C. W. Jenks, *Social Justice in the Law of Nations*; A. Karkoszka, *Strategic Disarmament, Verification and National Security*; E. A. Landy, *The Effectiveness of International Supervision*; E. Luard, *International Agencies*; A. McKnight, *Atomic Safeguards: A Study in International Verification*; S. Melman (Ed.), *Inspection for Disarmament*; A. Myrdal, *The Game of Disarmament*; B. Sanders, *Safeguards Against Nuclear Proliferation*; N. A. Sims, *Approaches to Disarmament*; Stockholm International Peace Research Institute, *Chemical Disarmament: Some Problems of Verification*; Sir Michael Wright, *Disarm and Verify*.

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IR141 Concepts and Issues in War Studies (post-1945)

Dr Mendl, Dr Dockrill and Dr Paskins. Twenty-two lectures, Sessional at King's College.

For M.Sc.

Syllabus Basic strategic, ethical and civil-military relations concepts. Issues in the Nuremberg trials. Evolution of strategic doctrine and arms control measures in relation to international politics and civil-military relations. The military in politics. Technology and Strategy. Disarmament, defensive strategies and other unorthodoxies.

IR142 Current Issues in International Relations (Seminar)

Mr G. H. Stern. Lent Term.

For interested students.

A weekly discussion of international topics of current interest and the issues they raise for the academic student of international relations.

ADVANCED SEMINAR COURSES

IR150 General International Relations Seminar

Professor Strange and Professor Northedge. Sessional.

For staff and all M.Phil. and Ph.D. students in International Relations.

IR151 International Relations Research Seminar

Mr Yahuda. Michaelmas Term.

For all first-year M.Phil. and Ph.D. students in International Relations.

IR152 International Politics

Professor Northedge, Mr Donelan, Mr G. H. Stern and Mr Windsor.

Michaelmas Term.

For M.Sc. This course will be taught on a seminar basis in small groups.

IR153 Foreign Policy Analysis

Dr C. J. Hill. Lent and Summer Terms.

For M.Sc.

IR154 International Political Economy Workshop

Professor Strange. Sessional.

For research and interested M.Sc. students.

IR155 The International Politics of the Western Powers

Professor Northedge. Lent and Summer Terms.

For M.Sc. and other graduate students.

IR156 International Politics: The Communist Powers

Mr G. H. Stern. Lent and Summer Terms.

For M.Sc. and other graduate students.

IR157 Asia and the Pacific in International Relations

Mr Yahuda. Lent and Summer Terms.

For M.Sc. and other graduate students.

IR158 Foreign Relations of African States

Mr Mayall and Mr Panter-Brick. Lent and Summer Terms.

For M.Sc.; M.A. Area Studies—Africa, and other graduate students.

IR159 International Politics of the Middle East

Dr Hirszowicz. Summer Term.

For M.Sc. and other graduate students.

IR160 International Institutions

Mr Sims. Lent Term.

For M.Sc.; Dip. Int. and Comp. Pols.

IR161 European Institutions

Mr Taylor, Michaelmas and Lent Terms.

For M.Sc. and other graduate students.

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IR162 External Relations of the European Community

Dr C. J. Hill. Lent Term.

For M.Sc. and other graduate students.

IR163 Theories of International Politics

Mr Donelan. Lent Term.

For M.Sc. and other graduate students.

IR164 Concepts and Methods of International Relations

Mr Banks. Lent and Summer Terms.

For M.Sc.

IR166 The Politics of International Economic Relations

Mr Donelan and Mr Mayall. Lent Term.

For M.Sc. and other graduate students.

IR167 Money in the International System

Professor Strange and Professor S. Cohen. Michaelmas and Lent Terms.

For M.Sc. and other graduate students.

IR168 International Business in the International System

Professor Strange. Sessional.

For M.Sc. and interested students.

IR169 The International Legal Order

Professor Fawcett. Lent Term.

For M.Sc.

Syllabus International law governing the individual and collective use of force; the laws of war; human rights law; C.S.C.E.; the law of the sea.

IR170 Strategic Studies

Mr Windsor. Sessional.

For M.Sc. and other graduate students.

IR171 Disarmament and Arms Limitation

Mr Sims. Summer Term.
For all interested students.

IR172 Contemporary Strategic Issues

Dr Paskins and Dr Mendl.
Fortnightly, Michaelmas and Lent
Terms at King's College.
For research students.

IR173 The International Law and Organization of Latin America

Dr Parkinson (U.C.). Sessional.
For M.Sc. and other graduate students.
Syllabus International order in nineteenth century Latin America. The origin and solution of territorial disputes in the area and in the Antarctic. The status of adjacent waters. The genesis of the Western hemisphere idea. Latin America in world society: the two world wars and the "cold war". Characteristics of the foreign policies of the major Latin American powers. The concept of collective security in the League of Nations and the United Nations, and Latin America's place in it. Patterns of military co-operation during the Second World War and after: the genesis of the Rio Treaty and its incorporation in the Organization of American States. The Latin American nuclear-free zone. The Inter-American Economic and Social Council of the Organization of American States. The United Nations Economic Commission for Latin America and the Caribbean. Latin American theories of economic imperialism. The Alliance for Progress. The Latin American Free Trade Association. The Central American Common Market. The Andean Group. The River Plate and Amazon River organizations. Latin America in the world trading system. The Inter-American Development Bank. The position of individuals under international law: the

status of foreigners and their property. The institution of diplomatic asylum. The Inter-American Commission of Human Rights. The status of *guerrilleros*.
Recommended reading G. P. Atkins, *Latin America in the International Political System* (1977); W. S. Barnes, "Legal Issues in Inter-American Relations" in *Texas International Law Journal* (1977); S. Clissold, *Soviet Relations with Latin America, 1918-1968* (1970); G. Connell Smith, *The Inter-American System* (1966); S. Dell, *A Latin American Common Market?* (1966); S. Dell, *The Inter-American Development Bank* (1972); F. V. Garcia Amador, "The Latin American Contribution to the Development of the Law of the Sea" in *American Journal of International Law* (1974); R. G. Hellman and H. J. Rosenbaum (Eds.), *Latin America: the Search for a New International Role* (1975); G. M. Ingram, *Expropriation of United States Property in South America* (1974); INTAL, *El proceso de integración en América Latina* (latest edition); A. Krieger Vasena and J. Pazos, *Latin America: A Broader World Role* (1973); A. L. Levin, *The OAS and the UN: Relations in the Peace and Security Field* (1974); F. Parkinson, "International Economic Integration in Latin America and the Caribbean" in *Yearbook of World Affairs, 1977*; F. Parkinson, *Latin America, the Cold War and the World Powers, 1945-1973* (1974); A. P. Schreiber, *The Inter-American Commission for Human Rights* (1970); G. Schwarzenberger, *A Manual of International Law* (7th edn., 1977); D. B. Shea, *The Calvo Clause* (1955); B. B. Smetherman and R. M. Smetherman, *Territorial Seas and Inter-American Relations* (1975); A. Van Wynen Thomas and A. J. Thomas, *The Organization of American States* (1963).

IR174 World Politics

Professor Strange and Mr Trachtenberg. Michaelmas and Lent Terms.
For Dip. Int. and Comp. Pols.

Note The attention of students, particularly those taking the M.Sc. in European Studies, is drawn to the following: Interdepartmental courses of the International Relations and Government departments:

Gv226 West European Studies (Seminar)

Other sections and courses:

Economics (International Economics Courses)

International History

Ec255 Economic Organisation of the European Community

LL112 Public International Law

LL119 International Protection of Human Rights

LL213 Law of International Institutions

LL214 Law of European Institutions

Languages

(English, French, German, Russian, Spanish, General Linguistics and Phonetics)

(B.Sc. (Econ.) students wishing to study a language must register with the Secretary of the department in the first week of the session. A language may be taken at Part II of the B.Sc. (Econ.) degree even if it has not been taken at Part I. Normally a good A-level in the language will be required.

Students interested in extra-curricular language study are invited to enquire at the departmental office (room C.619) as early as possible in the session. Teachers of the languages offered in the department will be pleased to give information and advice.)

N.B. Language Laboratory: Language tapes at various levels (including beginners) are available for self-instruction and for use in connection with regular classes. Enquiries to the Language Laboratory Assistant, 7th floor, Clare Market Building.

GENERAL

Ln100 Introduction to Linguistics Ms Aitchison.

Twenty-five lectures, Sessional.
For B.Sc. c.u. main fields Soc. Anth. 3rd yr., Soc., Soc. Psych.; B.Sc. (Econ.) Part II; B.A. French Studies; M.Sc.
Syllabus Scope of general linguistics. An introduction to linguistics oriented towards Chomsky's transformational-generative grammar. The aim and content of grammars. Deep and surface structure. The nature of transformations. The lexicon and meaning. Problems with transformational grammar.
Recommended reading J. Aitchison, *Linguistics*; N. V. Smith and D. Wilson, *Modern Linguistics*.

Ln100(a) Introduction to Linguistics (Class)

Twenty-five classes, Sessional.
For B.Sc. c.u. main field Soc. Anth. 3rd yr.; B.Sc. c.u. main fields Soc., Soc. Psych.; B.A. French Studies; B.Sc. (Econ.) Part II.

Ln101 Language and Mind

Ms Aitchison. Twenty lectures, Michaelmas and Lent Terms.
For B.A./B.Sc. course units Language and Mind, and Language, Mind and Society.

418 *Languages*

Syllabus The innateness question. Child language acquisition. The mental representation of grammar. Speech comprehension and production. Speech disorders.
Recommended reading J. Aitchison, *The Articulate Mammal*; J. G. De Villiers and P. A. De Villiers, *Language Acquisition*; H. H. Clark and E. V. Clark, *Psychology and Language*.

Ln101(a) Language and Mind (Class)

Ms Aitchison. Michaelmas and Lent Terms.
For B.A./B.Sc. course units Language and Mind, and Language, Mind and Society.

Ln102 Language and Society Ms Aitchison. Five lectures, Summer Term.

For B.A./B.Sc. course unit Language, Mind and Society.
Syllabus The reflection of social stratification in linguistic structures. Language variation and the mechanism of linguistic change. Pidgins and creoles.
Recommended reading P. Trudgill, *Sociolinguistics*; W. Labov, *Sociolinguistic Patterns*; R. Hall, *Pidgin and Creole Languages*; J. Aitchison, *Language Change*.

Ln102(a) Language and Society (Classes)

Ms Aitchison. Five classes, Summer Term.

Ln103 Language, Mind and Society

Ms Aitchison. Fortnightly, Sessional. Intercollegiate seminar at University College.
For interested students.

Ln104 Language Change

Ms Aitchison and Dr Bynon. Sessional.
For interested students.
Intercollegiate Course given at University College or S.O.A.S.

FRENCH

Ln200 Main Trends in Contemporary French Thought, Literature and Language

Dr Tint, Dr Green and Dr George. Sessional.
For B.A. French Studies 1st yr.
Description of course The main lines of development of French Thought in the 20th Century, including Idealism, Phenomenology, Existentialism, Structuralism. A study of current approaches to literary theory in France: structuralist criticism, psychobiographical criticism, Marxist and sociological criticism, linguistics criticism. A linguistic analysis of contemporary texts.

Ln200(a) Class

Dr Tint, Dr Green and Dr George. Sessional.
For B.A. French Studies 1st yr.

Ln201 The Development of Modern French

Dr George. Sessional.
For B.A. French Studies 2nd yr.

Ln201(a) Classes

Dr George. Sessional.
For B.A. French Studies 2nd yr.

419 *Languages*

Ln202 The Development of Ideas and Literature in France in the 17th and 18th Centuries

Dr Green and Dr Tint. Twenty-five lectures, Sessional.
For B.A. French Studies 1st yr.
Description of course A study of the literature and changing intellectual climate in France in the 17th and 18th centuries.
Recommended background reading A. Adam, *Grandeur and Illusion: French Literature and Society 1600-1715*; P. Hazard, *The European Mind 1680-1715* (Penguin); D. Morphet, *La Pensée française au 18ème siècle*; *Les Origines intellectuelles de la Révolution française*; J. Cruickshank (Ed.), *French Literature and its Background*, Vols. 2 and 3; W. D. Howarth, *Life and Letters in France. Seventeenth Century*; R. Fargher, *Life and Letters in France. Eighteenth Century*; W. G. Moore, *The Classical Drama of France*.

Ln202(a) Classes

Dr Green and Dr Tint. Twenty-five classes, Sessional.
For B.A. French Studies 1st yr.

Ln203 History of Ideas in France from 1815 to the Present Day

Dr Tint. Sessional.
For B.A. French Studies 2nd yr.
Syllabus A study of the changing intellectual climate in France in the 19th and 20th centuries.
Recommended reading to be announced.

Ln203(a) Classes

Dr Tint. Sessional.
For B.A. French Studies 2nd yr.

Ln204 Literature in France in the 19th and 20th Centuries

Dr Green. Twenty-five lectures, Sessional.
For B.A. French Studies 2nd yr.
Syllabus A study of novels, poetry and drama of the main literary movements in France in the 19th and 20th centuries.
Recommended reading will be given during the course.

Ln204(a) Classes

Dr Green. Twenty-five classes, Sessional.
For B.A. French Studies 2nd yr.

Ln205 Nineteenth and Twentieth Century French Literature and Thought (Seminar)
Dr Green and Dr Tint. Fortnightly, Sessional.
For B.A. French Studies 2nd yr.

Ln206 French Essay and Translation (Classes)
Sessional.
For B.A. French Studies 1st yr.

Ln207 Oral French (Classes)
Sessional.
For B.A. French Studies 1st yr.

Ln208 French Essay and Translation (Classes)
Sessional.
For B.A. French Studies 2nd yr.

Ln209 Oral French (Classes)
Sessional.
For B.A. French Studies 2nd yr.

Ln210 French Essay and Translation (Classes)
Sessional.
For B.A. French Studies 3rd or 4th yr.

Ln211 Oral French (Classes)
Sessional.
For B.A. French Studies 3rd or 4th yr.

Ln212 French Contemporary Texts, Translation and Discussion (Class)
Sessional.
For B.Sc. (Econ.) Part I.

Ln213 French Essay and Translation (Classes)
Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

Ln214 French Essay and Translation (Classes)
Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

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Ln215 French Political and Social Texts from 1870 (Class)
Dr Tint. Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

Ln216 French Political and Social Texts from 1918 (Class)
Fortnightly, Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln217 French Thought in the Twentieth Century
Dr Tint. Sessional.
For B.A. French Studies 3rd and 4th yrs.
Description of course An outline of French philosophy since the beginning of the twentieth century, with special reference to Bergson, Sartre, Bachelard and aspects of Structuralism.
Recommended reading to be announced.

Ln218 The French Language in the Twentieth Century
Dr George. Sessional.
For B.A. French Studies 3rd or 4th yr.

Ln219 French Theatre of the Avant-garde
Dr Green. Twenty-five lectures, Sessional.
For B.A. French Studies 3rd or 4th yrs.
Description of course A study of modern French drama, with special reference to texts by Artaud, Adamov, Ionesco, Beckett and Genet.

Ln219(a) Class
Dr Green. Twenty-five classes, Sessional.

Ln220 History of France since 1870
Dr Tint. Sessional.
For B.A. French Studies 2nd yr.; B.Sc. (Econ.) Part II.
Description of course The main lines of social and political development to the present day.
Recommended background reading to be announced.

Ln220(a) Classes
Dr Tint. Sessional.
For B.A. French Studies.

SPANISH

Ln301 Spanish Translation I (Class)
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 1st or 2nd yr.

Ln302 Spanish Contemporary Texts and Discussion I (Class)
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 1st or 2nd yr.
Description of course Close study of texts selected for their social, political and literary significance and linguistic interest.
Recommended background reading
G. Brenan, *The Literature of the Spanish People*; J. García López, *Historia de la literatura española*; W. C. Atkinson, *A History of Spain and Portugal*; F. Eguiagaray *Historia contemporánea de España*.

Ln303 Spanish Translation and Linguistic—Commentary II (Class)
Mr Gooch. Sessional.
For B.A. French Studies 2nd yr.; B.Sc. (Econ.) Part II 2nd yr.

Ln304 Spanish Contemporary Texts and Discussion II (Class)
Mr Gooch. Sessional.
For B.A. French Studies 2nd yr.; B.Sc. (Econ.) Part II.

Ln305 Selected Nineteenth and Twentieth Century Spanish Authors
Mr Gooch. Sessional.
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.

Description of course Particular attention is given to the novel and theatre. Detailed study of the work of such authors as Pérez Galdós, Pardo Bazán, Valle-Inclán, Cela and Martín-Santos, Benavente, Lorca and Buero Vallejo.
Recommended background reading
G. Torrente Ballester, *Panorama de la literatura española contemporánea*; E. de Nora, *La novela española contemporánea*; G. Torrente Ballester, *Teatro español contemporáneo*; D. L. Shaw and G. G. Brown, *Benn Literary History of Spain* (Nineteenth and Twentieth Centuries).

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Ln306 Spanish Special Subject: The Spanish Language in the Twentieth Century

Mr Gooch. Sessional.
For intercollegiate students.
Description of course Advanced aspects of *Phonology, Grammar, Lexicology* and *Semantics*. Under *Grammar* specialised knowledge will be required of such topics as the inter-relation of the ethnic dative and reflexive, the *ser/estar* dichotomy, prepositional structure and idiomatic usage of number. Under *Lexicology* and *Semantics* detailed study will be required of word-formation, adjectival and adverbial usage, the concepts of field, range, synonymy, register, and other linguistic phenomena. Close analysis will be required of exacting texts selected from modern authors.
Note: Other special subjects, taught at different Colleges of the University, are also available.

GERMAN

Ln400 German Translation I (Class)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 1st or 2nd yr.

Ln401 German Translation II (Classes)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part II; B.A. French Studies 2nd yr.

Ln402 German Translation III (Classes)
Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln403 German Discussion and Essay I (Class)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 1st or 2nd yr.

Ln404 German Essay and Discussion II (Classes)
Mrs Hay. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.; B.A. French Studies 2nd yr.

Ln405 German Discussion and Essay III (Class)

Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

RUSSIAN

Ln505 Russian Grammar Revision (Class)

Dr Johnson. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies.

Ln506 Translation and Oral Practice I (Class)

Sessional.
For B.Sc. (Econ.) Parts I and II; B.A. French Studies 1st or 2nd yr.

Ln507 Translation and Oral Practice II (Class)

Sessional.
For B.Sc. (Econ.) Part II 2nd yr.; B.A. French Studies 2nd yr.

Ln508 Translation and Oral Practice III (Class)

Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln509 Russian Composition I (Class)

Dr Johnson. Sessional.
For B.Sc. (Econ.) Part I; B.A. French Studies 1st or 2nd yr.

Ln510 Russian Composition II (Class)

Dr Johnson. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.; B.A. French Studies 2nd yr.

Ln511 Russian Composition III (Class)

Dr Johnson. Sessional.
For B.Sc. (Econ.) Part II 3rd yr.

Ln512 Aspects of Russian Literature (Class)

Dr Johnson. Sessional.
For B.Sc. (Econ.) Part II 2nd yr.

Ln513 Russian Language (Beginners) (Classes)

Dr Johnson. Sessional.
(This course includes Language Laboratory work.)
A basic practical course of Russian grammar and syntax for reading purposes. For M.Sc. in Government and other graduate students.

Ln514 Russian Language (Intermediate) (Classes)

Dr Johnson. Sessional.
(This course includes Language Laboratory work.)
A continuation of Ln513 above. Study and translation of selected nineteenth and twentieth century philosophical and literary texts. For M.Sc. in Government and other graduate students.

ENGLISH

Ln600 English as a Foreign Language

Professor Chapman. Twenty lectures, Michaelmas and Lent Terms.

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 O. Jespersen, *Essentials of English Grammar*; C. L. Wrenn, *The English Language*; S. Potter, *Our Language*; G. H. Vallins, *The Pattern of English*; C. Barber, *Linguistic Change in Present-Day English*; F. T. Wood, *English Colloquial Idioms*; G. Leech and J. Svartvik, *A Communicative Grammar of English*; W. H. Mitten, *A Grammar of Modern English*; *Collins English Dictionary*.

Ln600(a) English as a Foreign Language (Class)

Professor Chapman and others. In connection with Course Ln600. Admission will be by permission of Professor Chapman who will allocate students to suitable groups.

Ln601 English Speech

Professor Chapman. Five lectures, Michaelmas Term.

For students whose native language is not English, though this course may be of value to other students.

Syllabus Speech-mechanism. The basic sounds of English speech. Accent, stress and intonation. Elision and weak forms. Dialect. Modern tendencies.

Recommended reading N. C. Scott, *English Conversations*; P. A. D. MacCarthy, *English Pronunciation*; I. C. Ward, *The Phonetics of English*; A. C. Gimson, *An Introduction to the Pronunciation of English*; J. W. Lewis, *A Concise Pronouncing Dictionary of British and American English*.

Ln602 Written English

Professor Chapman. Eight lectures, Lent Term.

Open to all students.

Syllabus The basic structure of English. Choice of words. Meaning and association. Sentence-formation. Levels of communication. Punctuation. Preparation and presentation of material.

Recommended reading R. Chapman, *A Short Way to Better English*; Ernest Gowers, *Plain Words*; H. W. Fowler, *The King's English*; A. Quiller-Couch, *The Art of Writing*; R. Quirk, *The Use of English*; G. H. Vallins, *Good English*.

Ln603 Literature and Society in Britain, (i) 1830–1900 or (ii) 1900 to the Present Day

(In 1981–82 period ii will be offered.)

Professor Chapman. Sessional.
For B.A. French Studies 1st yr.; B.A./B.Sc. c.u.; B.Sc. (Econ.) Part II.

Syllabus Study of the principal authors of the period, with special attention to those whose work expressed the concerns of social and political thinking and movements. Students will need to know something of the history of the period and to read works by the authors studied in the light of this background.

Law

COURSES INTENDED PRIMARILY FOR LL.B. STUDENTS

COMPULSORY SUBJECTS

LL100 Public Law. Elements of Government

Professor Griffith, Mr Elliott, Dr Harlow, Mr Rawlings and others. Thirty lectures, Michaelmas and Lent Terms.

For LL.B. Intermediate; Optional for Dip. Soc. Pol. and Admin.; B.Sc. S.S. and A. 2nd yr.

Syllabus (1) *The special characteristics of public law in England.*

(2) *The institutions of government:*

(a) The Prime Minister, the Cabinet, the central government departments. The civil service. Political parties.

(b) Local authorities: their staff.

(c) Public corporations: their staff.

(d) Parliament: its composition, functions and privileges. Ministerial responsibility. Elections.

(e) The Judiciary: its constitutional position.

(3) *The process of government:*

The administrative process: its characteristics. The working of government. The functional relations between the institutions of government. The royal prerogative.

The legislative process: its characteristics, pre-parliamentary and parliamentary. Subordinate legislation. Private Bills. The judicial process: its characteristics. The impact of the courts on the processes of government. Administrative tribunals.

Recommended reading T. C. Hartley and J. A. G. Griffith, *Government and Law*; J. A. G. Griffith, *The Politics of the Judiciary*; J. P. Mackintosh, *The Government and Politics of Britain*; *The British Cabinet*; G. Wilson, *Cases and Materials on Constitutional and Administrative Law*; S. A. de Smith, *Constitutional and Administrative Law*; J. A. G. Griffith and H. Street, *Principles of Administrative Law*; R. F. V. Heuston, *Essays in Constitutional Law*; R. Miliband, *The State in Capitalist Society*; *Marxism and Politics*; G. Marshall and G. C. Moodie, *Some Problems of the Constitution*; B. R. Crick, *The Reform of Parliament*; R. T. McKenzie, *British Political Parties*; L. S.

Amery, *Thoughts on the Constitution.*

Students should consult the latest editions of these books.

LL100(a) Twenty-four Classes

LL101 Law of Contract

Mr I. G. F. Karsten, Mr Nicol, Mr Rawlings, Mr Elliott and Ms Trosser. Forty-two lectures, Sessional.

For LL.B. Intermediate.

Syllabus Functions of contract. Background and modern problems of the English Law. Formation of valid contracts; intention to create legal relations; offer and acceptance certainty; consideration; capacity; form. Content: terms of the contract; interpretation of terms; express and implied terms; legal basis of standard contracts; judicial and legislative control of contract; oral, written and collateral contracts. Misrepresentation; mistake; duress and undue influence. Illegality and public policy. Privity of contract and its problems. (Note Assignment and agency are excluded.) Performance: agreed variation and abrogation; discharge by breach and frustration. Remedies for breach. Limitation of action.

Recommended reading TEXTBOOKS:

G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*; J. C. Smith and J. A. C. Thomas, *A Casebook on Contract*; R. Sutton and N. P. Shannon, *On Contract* (Ed. A. L. Diamond et al); G. H. Treitel, *The Law of Contract*; W. R. Anson, *Principles of the English Law of Contract* (Ed. A. G. Guest). FURTHER READING AND REFERENCE: P. S. Atiyah, *An Introduction to the Law of Contract*; G. H. Treitel, *An outline of the Law of Contract*; J. Chitty, *On Contracts* (Vol. I, Ed. J. Morris); J. W. Salmond and J. Williams, *Principles of the Law of Contract*; C. H. S. Fifoot, *History and Sources of Common Law*; A. Diamond and G. Borrie, *The Consumer, Society and the Law.*

Students should consult the latest editions of these books.

LL101(a) Twenty-four Classes

LL102 Law of Property I

Dr S. A. Roberts, Mr Bradley and Mr Murphy. Forty-four lectures, Sessional.

For LL.B. Intermediate.

Syllabus General introduction: nature and functions of property law; types of property and of property right; comparisons with property systems in other societies.

Chattels: the nature of title to chattels; the protection and transfer of interests in chattels.

Land: the nature of interests in land; historical introduction to the land law down to 1925; reasons for and effects of 1925 legislation; estates; landlord and tenant; trusts of land, including co-ownership; easements, covenants, mortgages; the registration of title.

Recommended reading M. Harwood, *English Land Law*; J. D. Riddell, *Introduction to Land Law*; R. H. Maudsley and E. H. Burn, *Land Law: Cases and Materials*; R. E. Megarry, *Manual of Real Property*; J. Crossley Vaines, *Personal Property*; G. E. Cheshire, *Modern Law of Real Property*; M. Harwood, *Cases and Materials on English Land Law.*

FURTHER REFERENCE: F. H. Lawson, *The Law of Property*; A. W. B. Simpson, *Introduction to the History of Land Law*; R. E. Megarry and H. W. R. Wade, *The Law of Real Property*; W. Friedmann, *Law in a Changing Society*; P. S. Atiyah, *The Sale of Goods.*

Students should consult the latest editions of these books.

LL102(a) Twenty-four Classes

LL103 English Legal System

Professor Zander, Dr S. A. Roberts and Mr Murphy. Fifty lectures, Sessional.

For LL.B. Intermediate.

Syllabus I. *Learning the law* (lectures in the first week):

The nature of the legal process; case and statute law and the courts; law reports and the library.

Recommended reading G. L. Williams, *Learning the Law.*

Syllabus II. *Law and the Social Sciences:* Ways of looking at law; the relation of legal theory to social theory.

(i) The problem of order; conflict and dispute processes.

(ii) The treatment of law in social theory—the external view.

(iii) Lawyers' theories of law—the internal view.

Reading: Materials to be distributed.

Syllabus III.

(a) *Making the law:* sources of law; custom; precedent; statutes and statutory interpretation.

(b) *Changing the law:* the machinery of law reform; codification.

(c) *The Courts:* their structure, organization, jurisdiction. Tribunals.

(d) *Pre-trial:*

(1) Civil: interlocutory proceedings, pleadings.

(2) Criminal: investigation of crime by the police; the Judges' Rules; police powers of search; arrest; bail.

(e) *The Trial:*

Proceedings before the magistrates, including preliminary hearings; procedure in civil and criminal trials; rules of evidence.

The jury. Remedies; enforcement of judgments. The appeal process. The costs of litigation; legal aid; right to counsel.

(f) *The legal profession:* judges, barristers and solicitors.

PRESCRIBED BOOKS: M. Zander, *The Law Making Process*; *Cases and Materials on the English Legal System.*

LL103(a) Twenty-four Classes

LL104 Law of Tort

Mr I. G. F. Karsten, Mr Bradley and Dr Fulbrook. Forty-five lectures, Sessional.

For LL.B. Part I.

Syllabus *Introduction*

An examination of the interests protected by the law of tort and of the basis of liability. The efficiency of the law of tort as a means of compensation for personal injuries: an examination of alternative schemes of compensation.

Intentional torts to persons and property

(a) Trespass to the person: the relation between trespass and negligence. Assault. Battery. False imprisonment. *Wilkinson v. Downton.* A comparison with malicious prosecution.

(b) Trespass to land.

(c) General defences to intentional torts.

Negligent invasions of interests in persons and property

(a) Negligence generally. *Donogue v. Stevenson.* The elements of the tort of

negligence. The standard of care. Damage to the plaintiff. The duty of care.

(b) Particular aspects of the duty of care:

- (i) General
- (ii) Omissions
- (iii) Statements
- (iv) Lawyers
- (v) Arbitrators
- (vi) Landlords
- (vii) Economic Loss
- (viii) Nervous Shock

(c) Contributory negligence

(d) *Volenti non fit injuria*

(e) Occupiers' liability

(f) Remoteness of damage

Invasions of interests in persons and property where intentional or negligent conduct need not always be proved.

(a) Nuisance

(b) *Rylands v. Fletcher*.

Interference with economic interests and defamation.

(a) Interference with contract

(b) Conspiracy

(c) Intimidation

(d) Defamation

General topics

Vicarious liability. Action for breach of statutory duty.

Students will be expected to show knowledge of the related parts of the law of Contract and Property.

Recommended reading TEXTBOOKS:

J. W. Salmond, *The Law of Torts*; H. Street, *The Law of Torts*; P. H. Winfield and J. A. Jolowicz, *Law of Tort*; J. G. Fleming, *Introduction to the Law of Torts*.

FURTHER READING: P. S. Atiyah, *Accidents, Compensation and the Law*; J. G. Fleming, *The Law of Torts*; B. A. Hepple and M. H. Matthews, *Tort: Cases and Materials*; J. A. Weir, *Casebook of Torts*; C. A. Wright, *Cases on the Law of Torts*.

Students should consult the latest editions of these books.

LL104(a) Twenty-four Classes

LL105 Criminal Law

Mr Hall Williams and Ms Temkin.

Forty-six lectures, Sessional.

For LL.B. Part I; Dip. Criminal Justice.

Syllabus A. *General Principles of Responsibility*.

The need for a principal of responsibility and the growth of strict responsibility. Objective and subjective tests of liability. The meaning of *Actus Reus* and *Mens Rea*. Acts and omissions. Voluntary and involuntary conduct. Causation. Intention, recklessness

and negligence. Principles of construction of penal legislation. Attempts, conspiracy and degree of participation. General defences. *Specific Problems of Responsibility*. Mental disorder: insanity, diminished responsibility and the treatment of the mentally ill.

Infancy. Corporations and group responsibility. Vicarious liability. B. *Specific Crimes: Legal Definition and Social Pathology*.

The more important criminal offences against person and property will be considered against the context of behavioural patterns in society and the use of the criminal law as a means of social control.

C. *Introduction to Criminology*.

Causal factors in crime. Crime prevention. Theory and purposes of punishment. The sentencing process and the function of the Courts; principles of sentencing policy. Treatment of offenders.

Recommended reading BASIC TEXTBOOKS:

J. C. Smith and B. Hogan, *Criminal Law; Cases and Materials*; P. A. Jones and R. Card, *Introduction to Criminal Law; Cases on Criminal Law*; D. W. Elliott and J. C. Wood, *A Casebook on Criminal Law*; Glanville Williams, *Criminal Law*.

FURTHER READING: J. C. Smith, *The Law of Theft*; E. Griew, *The Theft Act, 1968*; W. O. Russell, *Crime* (Ed. J. W. C. Turner); G. L. Williams, *Criminal Law: The General Part; The Mental Element in Crime*; N. R. Morris and C. Howard, *Studies in Criminal Law*; J. L. J. Edwards, *Mens Rea in Statutory Offences*; C. Howard, *Strict Responsibility*; A. Goldstein, *The Insanity Defense*; B. Wootton, *Crime and the Criminal Law*; The Butler Committee Report on Mentally Abnormal Offenders (Cmd. 6244), October 1975. Law Commission and Criminal Law Revision Committee Reports, especially on Theft, Conspiracy, Mens Rea and Offences against the Person.

Students should consult the latest editions.

LL105(a) Twenty-four Classes

LL106 Jurisprudence

Mr Schiff, Mr Bishop and others.

Thirty-two lectures and ten seminars, Sessional.

For LL.B. Part II.

Syllabus 1. Natural Law. Classical and modern theories: the social contract, law and morals, obedience to law.

2. Utilitarianism and Constitutionalism; judges and politics.

3. Liberty and obligation.

4. Punishment.

5. Theories of interests. Sociological theories and consensus.

6. Marxist theories of law, State and revolution, development of communist law. Conflict. Anarchy.

7. Imperative theories of law. Positivism: will, sanction, duty, sovereignty, command.

8. Rule theories of law. The pure theory and the science of law; the basic norm and the rule of recognition; primary and secondary rules; normative language.

9. Predictive theories of law. The judicial process.

10. Psychological theories of law: law as fact.

11. Analytical positivism.

12. Legal terminology. Rights and duties.

Recommended reading will be given during the course.

LL106(a) Twenty-four Classes

WHOLE SUBJECT OPTIONS

LL110 Law of Property II

Mr Murphy and Mr Green.

Forty-five lectures, Sessional.

For LL.B. Parts I and II.

Syllabus The general principles of the law of trusts: the formation of private, charitable, implied, resulting and constructive trusts.

The administration of a trust. Duties and discretions of trustees. Breach of trust and remedies therefor. Variation of trusts. The general nature of equitable principles and remedies. The trust as a wealth accumulation device. The trust as a tax-avoidance device.

Recommended reading D. B. Parker and A. R. Mellows, *The Modern Law of Trusts*; R. H. Maudsley and E. H. Burn, *Cases and Materials on Trusts and Trustees*; J. A. Nathan and O. R. Marshall, *Cases and Commentary on the Law of Trusts*.

Students should consult the latest editions of these books.

LL110(a) Twenty-four Classes

LL111 Law of Evidence

Mr Joffe. Fifty lectures, Sessional.

For LL.B. Parts I and II.

Syllabus 1. Form of trial at Common Law: influence of relationship of judge and jury and adversary system on rules of evidence; decline of jury.

2. What may be proved: (i) facts in issue; (ii) facts probative of facts in issue; (iii) facts relevant to reliability and credibility; (iv)

facts conditioning admissibility.

3. Rational basis of proof: direct and inferential proof; validity and limitations of circumstantial proof; non-permissible inferences; prejudice; evidence of character of parties and similar facts; *res gestae*.

4. Incidence of proof: burdens; presumptions and standard of proof.

5. Form of evidence: (i) oral testimony: validity and sources of error; attendance of witnesses; competence and compellability; examination in court; techniques developed to test reliability and credibility, especially cross-examination; self-serving and inconsistent statements; character and credit of witnesses; position of accused under the Criminal Evidence Acts 1898 and 1979; corroboration. (ii) documentary evidence: public, judicial and private documents; discovery; proof of contents and execution, extrinsic evidence. (iii) real evidence. (iv) new scientific and technical forms of proof: tape recorders, lie detectors, medical tests and photographs etc. Importance of the expert witness.

6. Exclusion of unreliable evidence:

(i) best evidence rule; (ii) opinion; (iii) hearsay and its exceptions, including further consideration of *res gestae*.

7. Exclusion of evidence on grounds other than reliability: (i) privilege; (ii) state interest; (iii) judicial control of police investigation; confessions and the Judges' Rules; illegally obtained evidence; (iv) identification evidence.

8. Facts which need not be proved: (i) judicial notice; (ii) formal admissions.

9. Facts which cannot be proved: estoppels, by record, deed and in pais.

Recommended reading TEXTBOOKS: D. W. Elliott, *Phipson's Manual of the Law of Evidence*; R. Cross, *Evidence*; J. D. Heydon, *Cases and Materials on Evidence*; P. Devlin, *Trial by Jury*.

FURTHER READING: J. Bentham, "The Rationale of Judicial Evidence" (*The Works of Jeremy Bentham*, Ed. J. Bowring); Z. Cowen and P. B. Carter, *Essays on the Law of Evidence*; E. M. Morgan, *Some Problems of Proof under the Anglo-American System of Litigation*; J. F. Stephen, *A Digest of the Law of Evidence*; J. B. Thayer, *A Preliminary Treatise on Evidence at the Common Law*; J. H. Wigmore, *Science of Judicial Proof*; G. L. Williams, *The Proof of Guilt*.

FOR REFERENCE: S. L. Phipson, *The Law of Evidence*; J. H. Wigmore, *A Treatise of the Anglo-American System of Evidence*. Students should consult the latest editions of these books.

LL111(a) Twenty-four Classes

LL112 Public International Law

Professor Higgins and Dr Weiss.
Forty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II; B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u.

Syllabus Introduction: Nature and basis of international law; historical, sociological and political context; doctrinal controversies and schools of thought; the basis of obligation and place of sanctions.

Sources of International Law: What makes international law; sources and evidences; law creating processes; developing international law; international law and municipal law.

Participants in the International Legal System: States, their creation, recognition and international representation.

Governments, problems of recognition; foreign offices. International Organisations, international personality. Individuals, their position and status in international law.

Title of Territory: Acquisition of title; component parts; land, outer space, territorial waters, continental shelves; access to resources beyond state-territory; rights of passage; boundary claims.

Nationality: Authority to ascribe nationality; nationality of individuals and corporations.

Jurisdiction: The bases of asserting jurisdiction over persons and events; limitations and controversies; state immunity to jurisdiction; diplomatic and consular immunities; act of state.

State Responsibility: General principles; procedures; admissibility of claims; nationality; local remedies rule.

Treatment of Aliens: Duties owed to aliens; admission, expulsion, human rights standards; permissible and impermissible discriminations; permanent sovereignty over natural resources and the question of expropriation.

Treaties: International agreements generally: their formation, validity, interpretation, termination and amendment.

International Claims: The legal interest of the state, nationality of claims, local remedies, Calvo clauses; problems of the individual.

Dispute Settlement: Concept of a dispute; justiciability; chapter 6 of the U.N. Charter; judicial settlement and arbitration.

The Use of Force: Self defence, aggression, coercion, reprisals, self-help, humanitarian intervention, armed struggle for self determination.

Recommended reading PRELIMINARY

READING: J. L. Brierly, *The Basis of Obligation and other essays*; Fawcett, *Law of Nations*; L. Henkin, *How Nations Behave* (2nd edn.).

TEXTBOOKS: I. Brownlie, *Principles of International Law* (2nd edn.); Akehurst, *A Modern Introduction to International Law* (3rd edn.); Sorensen, *Manual of Public International Law*.

CASEBOOKS AND MATERIALS: H. W. Briggs, *The Law of Nations* (2nd edn.); L. C. Green, *International Law through the Cases* (3rd edn.); I. Brownlie, *Basic Documents in International Law* (2nd edn.); *International Legal Materials* (quarterly); D. Harris, *Cases and Materials in International Law*.

FURTHER READING: W. Friedmann, *The Changing Structure of International Law*; H. Lauterpacht, *The Development of International Law by the International Court*; D. P. O'Connell, *International Law*, 2 Vols.; C. Parry, *The Sources and Evidences of International Law*; G. Schwarzenberger, *The Frontiers of International Law*; D. W. Bowett, *The Law of the Sea*; R. Y. Jennings, *The Acquisition of Territory*; D. H. N. Johnson, *Rights in Air Space*; F. Vallat, *International Law and the Practitioner*; R. Higgins, *Conflict of Interests—International Law in a Divided World*.

Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Yearbook of International Law*; *The International and Comparative Law Quarterly*; *International Organisation*; *Recueil des Cours, Academie de Droit International de la Haye*; *The Yearbook of World Affairs*.

LL112(a) Twenty-four Classes

LL112(b) Fortnightly Classes

Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u.

LL113 Conflict of Laws

Mr Hartley and Mr I. G. F. Karsten. Seminars, Sessional.

For LL.B. Parts I and II.

Syllabus

General: Introduction; domicile; jurisdiction; foreign judgments; theories of choice of law; procedure and proof of foreign law; characterization; renvoi; the incidental question; public policy.

Contract: Proper law doctrine; essential

validity, interpretation, effects and discharge of contracts.

Torts: Choice of law; proper law; American doctrines; place of commission of a tort.

Family Law: Formal and essential validity of marriage; polygamy; divorce jurisdiction; recognition of foreign divorces; nullity jurisdiction; recognition of foreign nullity decrees; children.

Property: movables and immovables; assignment of movables; matrimonial property.

Succession: Intestate succession; formal and essential validity of wills; construction; administration of estates.

Recommended reading G. C. Cheshire, *Private International Law*; J. H. C. Morris, *Conflicts of Laws*; J. H. C. Morris, *Cases on Private International Law*.

REFERENCE: A. V. Dicey and J. H. C. Morris, *Conflict of Laws*; Sir Otto Kahn-Freund, *Principles of Private International Law*.

Students should consult the latest editions of these books.

LL114 Mercantile Law: Sales, Agency and Consumer Credit

Mr Nicol and Professor Diamond.
Forty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus Sales—All aspects of sale of goods, but particularly implied terms and consumer protection legislation, the passing of property in goods and the acquisition of title by non-owners, remedies of buyer and seller. **International Sales**—introduction to c.i.f. and f.o.b. contracts, bills of lading and documentary letters of credit.

Agency—an agent's authority—how it can be acquired, used and lost. The rights, responsibilities and remedies of agents and principals *inter se* and towards third parties. **Consumer Credit**—common law background and Consumer Credit Act with particular emphasis on hire purchase and conditional sales.

Recommended Preliminary Reading

G. Borrie and A. L. Diamond, *The Consumer Society and the Law*. Chapters in G. C. Cheshire and C. H. S. Fifoot, *Law of Contract on Agency*; Ross Cranston, *Consumer and the Law* (Law in Context Series).

TEXTBOOKS: P. S. Atiyah, *The Sale of Goods*; D. W. Greig, *Sale of Goods*; C. M. Schmitthof, *Export Trade* (2nd edn.); G. H. L. Fridman, *Fridman's Law of Agency*;

Goode, *The Consumer Credit Act, A Student's Guide*.

REFERENCE: M. D. E. S. Chalmers, *Sale of Goods*; Guest (Ed.), *Benjamin's Sale of Goods*; Miller and Lovell, *Product Liability*; Ross Cranston, *Regulating Business*; W. Bowstead, *The Law of Agency*; R. Powell, *The Law of Agency*, 1961; S. J. Stoljar, *The Law of Agency*, 1961; Markesinis and Munday, *An Outline of the Law of Agency*; Report of the Committee on Consumer Credit, *The Crowther Report* (Cmnd. 4596), 1971; Guest and Lomnicka, *An Introduction to the Law of Credit and Security*; Ison, *Credit Marketing*; Sweet and Maxwell's *Commercial Law Statutes*.

Students should consult the latest editions of these books.

Copies of Sale of Goods Act, 1979, the Factors Act, 1889, the Misrepresentation Act, 1967, the Supply of Goods (Implied Terms) Act, 1973, the Consumer Credit Act, 1974, and the Unfair Contract Terms Act, 1977 will be supplied in the examination.

LL114(a) Twenty-four Classes

LL115 Labour Law

Professor Lord Wedderburn, Mr Simpson and Professor Grunfeld.
Forty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus The scope, sources, context and institutions of Labour Law. The legal basis in the contract of employment: the problem of distinguishing employees from other workers. Formation of the contract; its structure—express and implied terms. Written statement of terms and procedures affecting employment. Statutory and common law regulation of rights and obligations of employer and employee: pay—protective legislation and guarantee pay; hours; holidays; sickness. Employee's common law duties and disciplinary powers of management. Termination of employment: minimum notice entitlement; remedies for breach of contract at common law; redundancy; unfair dismissal. Equal pay and sex discrimination—maternity rights. Collective bargaining and the law: the right to organise—the closed shop; recognition of trade unions; disclosure of information for bargaining. Collective agreements and their legal framework: their relationship to the contract

of employment. Fair wages resolution and legislation. Other legislation concerning the structure and effects of collective bargaining. Trade unions: legal status and structure; legal regulation of internal management—member's rights (including admission and expulsion); inter-union relations; political activities. The legal aspects of industrial disputes—strikes, lock-outs and other industrial action; picketing; criminal and civil liability for acts done in connection with trade disputes; the effect of legislation; the impact of trade disputes on social security law; emergencies. Conciliation, arbitration and inquiry—voluntary and statutory machinery; role of the Advisory Conciliation and Arbitration Service.

Recommended reading B. A. Hepple and P. O'Higgins, *Employment Law* (reprinted as Part 1, *Encyclopaedia of Labour Relations Law*); O. Kahn-Freund, *Labour and the Law*; B. A. Hepple, P. O'Higgins and Lord Wedderburn of Charlton, *Labour Relations Statutes and Materials*; P. Wallington, *Butterworth's Employment Law Handbook*; P. Davies and M. Freedland, *Labour Law Text and Materials*; Employment Act 1980; K. W. Wedderburn, *The Worker and the Law*; R. W. Rideout, *Principles of Labour Law*; Report of Royal Commission on Trade Unions and Employers' Associations, Cmnd. 3623; *Trade Union Immunities*, Cmnd. 8128; C. Grunfeld, *Law of Redundancy*; H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; R. Kidner, *Trade Union Law*; A. Flanders, *Trade Unions*; W. J. McCarthy and N. D. Ellis, *Management by Agreement*; S. and B. Webb, *The History of Trade Unionism*; Clerk and Lindsell on *Torts* (14th edn. with Supp.; 15th edn. forthcoming), chap. 11; R. Greenhalgh, *Practice of Industrial Tribunals*; A. Redgrave, *Factories Acts*; N. Citrine, *Trade Union Law*; C. Grunfeld, *Modern Trade Union Law*; I. T. Smith and J. C. Wood, *Industrial Law*; P. Elias, B. Napier and P. Wallington, *Labour Law Cases and Materials*; M. Freedland, *The Contract of Employment*; K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain*; G. W. Guillebaud, *The Wages Councils System in Great Britain*; E. H. Phelps Brown, *The Growth of British Industrial Relations*; O. Kahn-Freund, "Labour Law" in M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; O. Kahn-Freund, *Selected Writings* chapter 1; R. Lewis, "Historical Development of British Labour Law" in *British Journal of*

Industrial Relations, March 1976; Lord Wedderburn of Charlton, "The New Structure of Labour Law in Britain" in *Israel Law Review*, October 1978; Lord Wedderburn of Charlton, "Industrial Relations and the Courts" in *Industrial Law Journal*, June 1980; B. Weekes, M. Mellish, L. Dickens and J. Lloyd, *Industrial Relations and the Limits of Law*; B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; O. Kahn-Freund, *Selected Writings* (Part I). Students should consult the latest editions of these books.

LL115(a) Twenty-four Classes

LL116 Domestic Relations

Mr Bradley, Mr Rawlings and Dr S. A. Roberts. Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus (a) Introduction: the function and development of domestic relations law; scope of the protective jurisdiction; alternatives to discretionary regulation: contracts between spouses and between married cohabitants; procedure and institutions.

(b) Legal marriage: recognition of alternative institutions: polygamous marriages; marriage between affines, transsexual and homosexual capacity; unmarried cohabitation; illegitimate children; adoption.

(c) Legal intervention during marriage: 'support' for marriage: conciliation and reconciliation; youthful marriages, the three year bar on divorce; financial provision during marriage, assessment of maintenance in small income cases, links with public support schemes; the developing law of matrimonial property; ownership, control and occupation rights; co-ownership schemes; treatment of domestic and other violence; injunctions.

(d) Marriage breakdown: issues of divorce law reform; implementation of Part I Matrimonial Causes Act 1973, financial provision and property adjustment on divorce and death; children in divorce; the concept of custody; principles and procedure for the resolution of custody disputes; children caught between two parties; access, adoption and change of name.

(e) Aspects of the law relating to children; independence of children in disputes between their parents; representation of children; wardship; control of local authorities.

BASIC TEXTS: J. Eekelaar, *Family Law and Social Policy* (1978); S. M. Cretney, *Principles of Family Law* (3rd edn.) 1979; O. M. Stone (Ed.), *Family Law Statutes* (2nd edn.) 1976.

A detailed reading list with references to relevant source material will be distributed during the course.

LL116(a) Twenty-four Classes

LL117 The Law of Business Associations

Mr Joffe. Thirty-five lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus Historical development of the trading association: social and legal reasons for the rise of the modern registered company with limited liability. Partnerships: the dominant features of partnership law. Statutory demands for incorporation, and other modern unincorporated commercial groups: the unit trust.

The modern registered company:

(a) Constitution; administration; corporate personality; types of company and their function; capacity and *ultra vires*.

(b) Flotation; shares and debentures (in outline); protection of investors, creditors and depositors.

(c) Shareholders as members; protection of the minority.

(d) Directors and management: as agents and "alter ego"; fiduciary and statutory duties; the auditor.

(e) Maintenance of capital; reconstructions, mergers and problems of take-overs.

Other topics of company law will be touched on only lightly, e.g. details on transfer of securities and priorities; accounts; winding-up.

Other business associations (in outline), e.g. industrial and provident societies; friendly societies; public corporations. Functions of different kinds of commercial associations and comparisons of their problems, e.g. control of management; relations with employees; impact of the "public interest", state shareholding etc.

Note Company Law will not normally account for more than three-quarters of this course. Candidates may take into the examination room copies of the Partnership Act, 1980 and the Companies Acts, 1948–1981.

Recommended reading J. F. Northey and L. H. Leigh, *Introduction to Company Law*; L. C. B. Gower, *Modern Company Law*; C. D. Drake, *Law of Partnership*.

CASEBOOKS: L. S. Sealey, *Cases and Materials on Company Law*; H. R. Hahlo and M. R. Trebilcock, *A Casebook on Company Law*.

FOR CONSULTATION: R. Pennington, *Company Law*; M. A. Weinberg, *Take-Overs and Amalgamations*; H. A. J. Ford, *Unincorporated Non-Profit Associations*; N. B. Lindley, *Law of Partnership*; or P. F. P. Higgins, *Law of Partnership*; C. E. I. Thornton and J. P. McBrien, *Building Society Law: Cases and Materials*; M. Day and P. Harris, *Unit Trusts*; Halsbury, *Laws of England* (on associations not otherwise covered). Further reading will be recommended during the course.

Students should consult the latest editions of these books.

LL117(a) Twenty-four Classes

LL118 Local Government Law

Professor Griffith and Mr Elliot. Twenty lectures, Michaelmas Term.

For LL.B. Parts I and II.

Syllabus The nature of local government.

The development of local government in England and Wales since 1834. The structure of local authorities. The movement for reform in Greater London and elsewhere.

The financing of local government. The local government franchise. The composition of local authorities. The committee system and the position of local government officers.

The administrative, legislative and judicial powers and procedures as they affect the housing, town and country planning, and education functions of local authorities.

Judicial review of administrative action as it affects local authorities. The criminal, contractual and tortious liability of local authorities. The doctrine of *ultra vires*.

Recommended reading **BASIC TEXTBOOKS:** W. O. Hart, *Introduction to the Law of Local Government and Administration* (9th edn.); J. A. G. Griffith and H. Street, *Principles of Administrative Law* (5th edn.) and *A Casebook of Administrative Law*.

ADDITIONAL READING: S. A. de Smith, *Judicial Review of Administrative Action* (3rd edn.); C. A. Cross, *Principles of Local Government Law* (5th edn.); J. A. G. Griffith, *Central Departments and Local Authorities*; W. A. Robson, *Local Government in Crisis*; H. W. R. Wade, *Administrative Law* (4th edn.); J. F. Garner, *Administrative Law* (4th edn.).

GOVERNMENT PUBLICATIONS: Report of Royal Commission on Local Government in Greater London (1960); Report of

Committee on the Management of Local Government (1967); Report of Committee the Staffing of Local Government (1967); Report of Royal Commission on Local Government in England (1969); Report of Committee on Administrative Tribunals and Enquiries (Cmnd. 218, 1957) etc.
Note This course is primarily conducted through individual meetings and the supervision of the writing of a 12,000 word essay.

LL118(a) Twenty Classes

LL119 International Protection of Human Rights

Professor Higgins. Twenty-three hours, Sessional.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II.

Preliminary enquiry should be made before choosing this option

Syllabus 1. Conceptual Issues. The emergence of the modern state; the place of the individual therein; *jus naturale* and the growth of the modern law of nations; the rise of positivism; theories of sovereignty.

2. *Further Conceptual Issues.* The idea of human rights as absolute or relative; views on hierarchy of human rights; the process of specification; human rights and political ideology; human rights and different cultures.

3. *The Contemporary Interest in Human Rights.* Nationality of claims; minimum standards in the treatment of aliens; outline of the law of state responsibility and the local remedies rule; shortcomings of the traditional approach.

4. *Derogations from Accepted Standards.* In peace (reservations, derogations, qualifying clauses); in armed conflict (human rights and protection in respect of targets and methods).

5. *The United Nations System.* Charter provisions; organs of the U.N. concerned with the promotion and protection of human rights; the Universal Declaration of Human Rights; domestic jurisdiction and the concept of intervention; standard-setting by U.N. agencies and the juridical character of their activities; U.N. conventions, covenants, declarations, resolutions, recommendations; the variety of enforcement techniques; mandates, trust and non-selfgoverning territories; the concept of self-determination; the Committee of 24; the U.N. and southern Africa; the right of petition; the "double standard"; refugees and statelessness; development of

international standards; the High Commissioner for Refugees.

6. *The European Convention.* The institutional aspects; functions of the various organs of the Council of Europe relating to the Convention; the Court and Commission; admissibility of applications and friendly settlement.

7. *Other Systems.* The Inter-American System; the International Labour Organisation; international non-governmental organisations; E.E.C.

8. *Non-institutional Techniques for Promoting Human Rights.* Humanitarian intervention, the protection of minorities (the inter-war experiment, "affirmative action" today), domestic absorption of international standards, requests, petitions, enquiries.

9. *Leading International Treaties.* Analysis and comparison of the U.N. Declaration on Human Rights, the Covenants, the International Convention on the Elimination of all forms of Racial Discrimination, other treatise and instruments; problems of overlap.

10. *Case Law on Particular Rights.* Self determination; freedom of movement; torture; freedom of expression; access to courts; pre-trial detention; and others.

Recommended reading I. Brownlie, *Basic Documents on Human Rights*; J. E. S. Fawcett, *The Law of Nations; The Application of the European Convention on Human Rights*; F. Jacobs, *The European Convention on Human Rights*; A. H. Robertson, *Human Rights:—Europe* (2nd edn.).

SPECIALIST WORKS: J. Carey, *U.N. Protection of Civil and Political Rights*; A. Eide and A. Shou (Eds.), *The International Protection of Human Rights* (Nobel Symposium); M. Ganji, *The International Protection of Human Rights*; H. Lauterpacht, *International Law and Human Rights*; E. Luard (Ed.), *International Protection of Human Rights*; M. Moskowitz, *The Politics and Dynamics of Human Rights*; P. P. Remec, *Position of the Individual in International Law According to Grotius and Vattel*; E. Schwelb, *Human Rights and the International Community*; Natan Lerner, *The U.N. Convention on the Elimination of all Forms of Racial Discrimination*.

PERIODICALS: *Human Rights Journal*; *Human Rights Review*; *International Commission of Jurists' Review*; *American Journal of International Law*.

DECISIONS: *The European Yearbook of Human Rights*; *Collections of Decisions of*

the European Commission of Human Rights; Decisions of the European Court of Human Rights.

Study notes with detailed reading list will be given at the beginning of the course.

LL120 Basic Principles of Soviet and Yugoslav Legal Systems

Professor Lapenna. Twenty-five lectures, Sessional.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II.

Syllabus I. Introduction. Marxist concept of state and law as ideological foundation of the state organization and the legal system. Impact of Roman Law and influences of pre-revolutionary "bourgeois" law as reflected in some legal notions. The role of legal traditions and local customs. Systems: legal branches and institutions; codes, statutes and other sources; legislative machinery; the question of hierarchy of legal acts and the concepts of "socialist legality".

II. *Main Features of the Constitutional Structure.* State ("social") property as basis of the economic organization; unity of power; legal status of the Communist Party; Soviets, councils and the Yugoslav commune; national and state sovereignty; federalism; human rights in theory and practice; constitutional courts in Yugoslavia.

III. *Legal Aspects of Economic Relations.* Forms of ownership (state, "social", co-operative, *kolkhoz*, by social organizations, personal, private); legal personality; the role of juristic persons; contracts and torts; planning: state economic plan as opposed to the Yugoslav "social" plan.

IV. *Fundamentals of Criminal Legislation.* Crime as a social phenomenon; the system of the codes; material and formal definition of crime; criminal liability; juvenile delinquency; types of crime, especially crimes against the state, official crimes and economic crimes; rights of the accused in criminal proceedings; system of punishments; correction of offenders; educational measures, social pressure; administrative penalties.

V. *Settling Disputes.* Courts, state and departmental *arbitrazh*, economic courts (in Yugoslavia), arbitration courts, comrades courts, proceedings in labour disputes; the legal profession: judges, procurators, public prosecutors (in Yugoslavia), advocates, notaries, juris-consults, social attorneys (Yugoslavia).

Recommended reading H. J. Berman, *Justice in the U.S.S.R.*; V. M. Chkhikvadze (Ed.),

The Soviet State and Law; A. G. Chloros, *Yugoslav Civil Law*; J. N. Hazard, *Communists and Their Law*; E. L. Johnson, *An Introduction to the Soviet Legal System*; I. Lapenna, *State and Law; Soviet and Yugoslav Theory; Soviet Penal Policy; Marxism and the Soviet Constitutions*; P. S. Romashkin, *Fundamentals of Soviet Law*; R. Sharlet, *The New Soviet Constitution of 1977*. Further reading will be given during the course.

LL120(a) Twenty-four Classes

LL121 Legislation

Mr Jacob and others will hold a weekly 2-hour Seminar in the Michaelmas Term.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II and any other students who are interested.

Syllabus 1. Sources of Legislation: Pressure Groups; Royal Commission and Committee Reports; The Law Commission; The Civil Service; Cabinet Committees. 2. Parliamentary Procedure and Scrutiny of Legislation: Standing Committees; The Role of the House of Lords; Private Bills. 3. The Role of the Private Members: (a) Government Bills and (b) Private Members Bills. 4. Ethics: Lobbying; Conflict of Interest. 5. Statutes: Parliamentary Counsel. 6. Draftsmanship; The Role of the Courts. Statutory Instruments. 7. Access to Legislation. 8. The Reform of each of the above matters.

Recommended reading S. Walkland, *The Legislative Process in Great Britain*; The Renton Report, *The Preparation of Legislation* (Cmnd. 6053) 1975; J. A. G. Griffith, *Parliamentary Scrutiny of Government Bills*; F. Bennion, *Statute Law*. **FURTHER READING:** A. Barker and M. Rush, *The Member of Parliament and his Information*; B. Crick, *The Reform of Parliament*; A. Hanson and B. Crick (Eds.), *The Commons in Transition*; D. Leonard and V. Harman (Eds.), *The Backbencher and Parliament*; P. Richards, *The Backbenchers*; M. Rush and M. Shaw, *The House of Commons: Services and Facilities*; Thornton, *Legislative Drafting*; Craies, *Statute Law*; Maxwell, *Interpretation of Statutes*; Erskine May, *Parliamentary Practice*; Statute Law Society, *Statute Law Deficiencies* (1970), and *Statute Law, a Radical Simplification*; Bradshaw and Pring, *Parliament and Congress*; Sir E. Gower, *Plain Words*; Sir W. Dale, *Legislative Drafting: a New Approach*.

LL122 Dispute Settlement

Dr S. A. Roberts. Twenty-five meetings, Sessional.

For LL.B. Parts I and II; B.Sc. c.u.

Syllabus (1) *The Problem of order in small-scale Societies.*

An introduction to the development of research into primitive law; problems of identifying institutions of social control in small-scale societies; law in relation to political systems and kinship organisation; sources of law.

(2) *Agencies and Procedures for the Settlement of Disputes.*

The different types of agencies for the settlement of disputes; modes of procedure.

(3) *Special Topics:*

(a) Marriage—the nature of marriage in preliterate societies; formation of marriage; prestations associated with marriage; termination of marriage.

(b) Inheritance—nature of inheritance; rules about devolution; administration of estates.

(c) Land tenure—the kinds of interest in land recognised in preliterate societies; methods of transfer of such interests.

(4) *Change of Laws in small-scale Societies.*

An examination of the ways in which changes take place in the control institutions of a preliterate society, otherwise than through direct intervention by a colonial power or the government of an independent state.

Recommended reading Gluckman, *Politics, Law and Ritual in Tribal Society*, Oxford, 1965; Gulliver, *Social Control in an African Society*, London, 1963; Hoebel, *The Law of Primitive Man*, Cambridge, Mass., 1954; Roberts, *Order and Dispute*, Harmondsworth, 1979; Pospisil, *Anthropology of Law*, New York, 1971; Gulliver, *Disputes and Negotiations*, New York, 1979; Bohannan, *Justice and Judgment among the Tiv*, London, 1957; Evans-Pritchard, *The Nuer*, Oxford, 1940; Fallers, *Law without Precedent*, Chicago, 1969; Gluckman, *The Judicial Process among the Barotse*, Manchester, 1955; Fox, *Kinship and Marriage*, London, 1967; Llewellyn and Hoebel, *The Cheyenne Way*, Norman, 1941; Malinowski, *Crime and Custom in Savage Society*, London, 1926; Nader (Ed.), *Law in Culture and Society*, Chicago, 1969; Schapera, *Tribal Legislation among the Tswana of the Bechuanaland Protectorate*, London, 1943; Turner, *Schism and Continuity in an African Society*, Manchester, 1957; Koch, *War and peace in Jalemo*, Cambridge, Mass., 1974; Colson, *Tradition and Contract*, London, 1975;

Moore, *Law as Process*, London, 1978; Epstein (Ed.), *Contention and Dispute*, Canberra, 1974; Comaroff and Roberts, *Rules and Processes*, Chicago, 1981; Nader and Todd, *The Disputing Process*, New York, 1978.

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

LL122(a) Twenty-four Classes

LL123 Introduction to European Law

Mr Hartley. Sessional.

For LL.B. Parts I and II.

Syllabus The institutions of the Community: their structure and functions. The Community legal system: sources of law. Community law and national law: direct effect; supremacy of Community law; preliminary rulings; enforcement actions against Member States. Judicial review: reviewable acts; *locus standi*; failure to act; indirect challenge; grounds of review. Community liability: contract; quasi-contract; tort. Community law and the individual: free movement of workers; freedom of establishment; freedom to provide services.

Recommended reading T. C. Hartley, *The Foundations of European Community Law*; H. G. Schermers, *Judicial Protection in the European Communities*; N. Brown and F. Jacobs, *The Court of Justice of the European Communities*; D. Wyatt and A. Dashwood, *The Substantive Law of the EEC*; D. Lasok and J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; A. Parry and S. Hardy, *EEC Law*; T. C. Hartley, *E.E.C. Immigration Law*.

CASES AND MATERIALS: B. Rudden and D. Wyatt, *Basic Community Laws*; L. J. Brinkhorst and H. G. Schermers, *Judicial Remedies in the European Communities: A Case Book*; Gijlstra, Schermers, Völker and Winter, *Leading Cases and Materials on the Law of the European Communities*; E. Stein, P. Hay and M. Waelbroeck, *Leading Cases and Materials on the Law of the European Community*; Sweet & Maxwell's, *European Community Treaties*.

FURTHER READING AND REFERENCE: A. Toth, *Legal Protection of Individuals in the European Communities*; R. H. Lauwaars, *Lawfulness and Legal Force of Community Decisions*; D. G. Valentine, *The Court of Justice of the European Communities*; K. Lipstein, *Law of European Community*; P. J. G. Kapteyn and P. VerLoren van Themaat,

Introduction to the Law of the European Communities; L. Collins, *European Community Law in the U.K.*; Jacobs and Durand, *References to the European Court*.

LL123(a) Twenty-four Classes

LL124 Legal and Social Change since 1750

Professor Cornish and Mr J. S. Anderson. Seminars, Sessional.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II.

Syllabus The relationship of legal and social change in England from 1750 to the present day. The history of the following will be considered: 1. Changes in methods of law-making, administration of the law and dispute adjudication. The influence of ideas and of interest groups upon such changes.

2. Reforms in one or more of the following areas of substantive law:

(a) Land law: settlements, inheritance and land reform; conveyancing reform; tenancies; controls over land use and housing.

(b) Commercial law: theories of contract and property; credit and its legal regulation; sale of goods and consumer protection.

(c) The law governing the formation of capital; the legal control of market dominance and anti-competitive combination.

(d) The legal regulation of labour.

(e) The prevention of, and compensation for, accidents.

(f) The legal foundations of systems of social welfare and education, public and private.

(g) Family law: marriage and divorce; family property; children.

(h) Criminal law: its substance, enforcement, and penal consequences.

Recommended reading GENERAL A. H. Manchester, *Modern Legal History*; A. V. Dicey, *Law and Public Opinion in England*; M. Ginsberg (Ed.), *Law and Opinion in England in the Twentieth Century*; W. E. S. Holdsworth, *History of English Law*, esp. Vols. 13–16; H. Parris, *Constitutional Bureaucracy*; B. Abel-Smith and R. B. Stevens, *Lawyers and the Courts*; A. J. Taylor, *Laissez-Faire and State Intervention in Nineteenth-Century Britain*.

SPECIFIC SUBJECTS reading will be recommended during the course.

LL124(a) Twenty-four Classes

LL125 Housing Law

Ten seminars, Lent Term.

This course will not be given in 1981–82.

For LL.B. Parts I and II.

Students taking this course also have to take LL146 Law of Landlord and Tenant.

Syllabus 1. The Housing Context: The history of urban housing development and the problems that attached to such developments. Development of the twin “codes” of housing law and public health law. Introduction of rent control. The rise of council housing policies. Current housing problems. Definitions of housing problems; causes of such problems. Housing finance as source of housing problems.

2. *Basic Principles of Law of Landlord and Tenant:* Creation of the lease; legal formalities; problems of “residential status”; the distinctions between trespassers (squatters), licensees, tenants (private), tenants (council), residents in tied accommodation.

3. *Rent Act and Other Provisions Affecting Landlords and Tenants:*

(i) Financial protections: rent regulation; premiums; estate agents' fees; rent and rate rebates; service charges; miscellaneous (ii) Security of tenure: Unlawful eviction; harassment; grounds for possession, squatters' “rights”.

4. *Housing Standard: The Control of Housing Conditions:* Standards of house construction; the private law of repair, as between landlord and tenant; the public law of repair as between local authority and landlord and tenant—Housing Act powers; Public Health Act powers; the interaction between the two. Area improvement. Over-crowding. Nuisance.

5. *Council Tenancies:* The duties of local authorities; the rights of tenants; the obligation to re-house; administration of housing estate; eviction procedures.

6. *Leasehold Reform:* A special look at this complex area of law.

Recommended reading M. Partington, *Landlord and Tenant*; Tiplady, *Housing Welfare Law*; Hudson on *Building Contracts* and the Sweet and Maxwell Public Health Encyclopaedias; specialist journals, e.g. *LAG Bulletin*, *ROOF*; statutory material; Rent Acts, Housing Acts and Public Health Acts.

LL126 Administrative Law

Dr Harlow and Mr Rawlings. Forty meetings, Sessional.

For LL.B. Parts I and II.

Syllabus 1. The administrative process and its characteristics; administrative tribunals;

local inquiries. 2. The courts; appeal and review; *ultra vires* and jurisdiction including natural justice. 3. Government and local authority contracts and tortious liability of government. 4. Extra-judicial review of administrative law action.

Recommended reading G. Ganz, *Administrative Procedures*; H. W. R. Wade, *Administrative Law*; J. F. Garner, *Administrative Law*; Bailey, Cross and Garner, *Cases and Materials in Administrative Law*; Wraith and Hutchesson, *Administrative Tribunals*; Gregory and Hutchesson, *The Parliamentary Ombudsman*; C. Turpin, *Government Contracts*; G. Flick, *Natural Justice*. Further reading will be recommended during the course.

LL127 Economic Analysis of Law

Mr Bishop, Mr Klappholz, Dr Hindley and Mr Gould. Twenty lectures, Michaelmas and Lent Terms.

For LL.B. Parts I and II; B.Sc. (Econ.) Part II; Dip. Econ.

Syllabus Economic theories of legal topics such as:

- (1) Property Rights—allocation and transfer of rights, pollution control.
- (2) Torts—negligence, foreseeability and risk, strict liability, products liability, medical malpractice, valuation of human life.
- (3) Contract—consideration, frustration, mistake, specific performance, damages, fraud, penalty clauses, unilateral contracts, bargaining power.
- (4) The Legal System—class action suits, reimbursement of costs, contingent fees, payment into court, legal aid, the efficiency of the common law, precedent.
- (5) Crime and Law Enforcement.
- (6) Racial and Sexual Discrimination.
- (7) Divorce and Alimony.
- (8) Rent Control.

Recommended reading TEXTBOOK: R. A. Posner, *Economic Analysis of Law* (2nd edn.).

LL127(a) Twenty-four Classes

LL128 Women and the Law

Mr Murphy, Ms Temkin, Mr Nicol, Mr Rawlings and Ms Trosser. Twenty-two seminars, Sessional. For LL.B. Parts I and II; B.Sc. (Econ.) Part II.

Syllabus General issues: the position of women in society; discrimination and

inequality; the possibilities and limitations of legal intervention.

Specific topics: Women, the family, and the ownership of property. Women and the criminal law—rape, abortion and prostitution. Women and employment—the sex discrimination legislation. Women and commercial law, including access to credit and capacity to contract. Women and welfare benefits and other social services.

Introductory reading J. S. Mill, *On the Subjection of Women*; Sachs and Wilson, *Sexism and the Law*; Ray Strachey, *The Cause*.

LL129 The Law Relating to Civil Liberties in England and Wales

Dr Leigh, Mr Schiff and Mr Nicol. Forty meetings, Michaelmas and Lent Terms.

For LL.B. Parts I and II.

Syllabus (1) Freedom of expression; public meetings, public order; state security; obscenity.

(2) Pre-trial criminal procedure; arrest; search and seizure; bail.

Recommended reading G. Marshall, *Constitutional Theory*; L. Childress, *Civil Disobedience and Political Obligation*; J. Rawles, *A Theory of Justice*; H. Street, *Freedom, the Individual and the Law*; L. H. Leigh, *Police Powers in England and Wales*; I. Brownlie, *Law Relating to Public Order*; D. G. T. Williams, *Keeping the Peace*; Emerson, Haber and Dorsen, *Cases and Materials in Civil Liberties*, Vol. I; S. A. de Smith, *Constitutional and Administrative Law*. Royal Commission, *Report on Criminal Procedure*, 1981.

Further reading will be given during the course.

HALF SUBJECT OPTIONS

LL140 Sentencing and Treatment of Offenders

Mr Hall Williams. Ten lectures, Michaelmas Term.

For LL.B. Parts I and II.

Syllabus 1. Aims and Justification of Punishment. 2. Sentencing Function of the Courts. 3. Custodial Methods in Dealing with Adults. 4. Custodial Methods for Offenders under 21. 5. Non-custodial Methods.

Recommended reading will be given at the beginning of the course.

LL140(a) Ten Classes

LL141 Outlines of Modern Criminology

Ms Temkin and Mr Hall Williams. Lent Term.

For LL.B. Parts I and II.

Syllabus Topics will be drawn from the following areas:

1. *The Sociological Approach to Deviance*
2. *Hereditary Explanations of Criminality*
3. *Psychological Explanations of Criminality*
4. *The Significance of Criminal Statistics*
5. *The Criminology of Selected Specific Offences*

Recommended reading Laurie Taylor, *Deviance and Society*; Taylor, Walton and Young, *The New Criminology*; Nigel Walker, *Crimes, Courts and Figures*; Herschel Prins, *Criminal Behaviour*.

LL142 Health Care and the Law

Mr Jacob, Professor Abel-Smith and Mr Carrier. Ten Seminars, Lent Term.

For LL.B. Parts I and II.

Syllabus Section (a) will be taught every year and selected topics from section (b) from year to year. Each topic in both sections will be taught with reference to the medical professional ethics and administrative issues as well as the relevant law.

Section (a) 1. The Structure of the National Health Service including the legal status and accountability of the various bodies. 2. The ethical, disciplinary and legal organisation and control of medical staff. 3. The ethical and legal rules relating to medical confidences and the proposals for their reform. 4. The complaints procedures including the relationship between professional, administrative and legal procedures. 5. The meaning and significance of the concept "clinical freedom". 6. The meaning and significance of the concept of "informed consent" to medical procedures. **Section (b)** 1. The arrangements for the family practitioner service. 2. Special issues relating to employment in the health service including the appointment of staff and strike action. 3. The provision of health care in the private sector and its relationship to the public sector including its control. 4. The provision of mental health services, the Mental Health Review Tribunals, and the current proposals for reform. 5. Medical research, including issues of consent, and in outline only the scheme of the Medicines Act 1968 relating to new medicines. 6. Special

issues relating to children, including consent, the age of consent and the rights of parents. 7. The ethical and legal questions relating to transplants, including the operation of the Human Tissue Act 1961. 8. Operation and significance of the medical and legal definitions of death. 9. The legal and medical questions relating to euthanasia, including the hastening and delaying of death. 10. Some aspects of the legal, medical and administrative questions raised by medical development in abortion and fertility control.

Recommended reading There is no set text for this subject. The following will be recommended. Speller, *Law Relating to Hospitals and Kindred Institutions* (6th edn., Ed., Jacob); Martin, *Law Relating to Medical Practice* (2nd edn.); Leahy Taylor, *The Doctor and the Law*; Leigh Taylor, *Doctors and the Law*; Gostin, *A Human Condition Parts I and II*; Gostin and Rassaby, *Representing the Mentally Ill and Handicapped*.

Periodical literature will be drawn from, *inter alia*, the following journals: *The British Medical Journal*; *The Hospital and Health Services Review*; *The Journal of Medical Ethics*; *The Journal of the Royal Society of Medicine*; *The Lancet* and *The Practitioner*. Other reading will include some Parliamentary Papers, publication of the D.H.S.S., The British Medical Association (including the *Handbook of Medical Ethics*) and the Annual Reports of the Medical Defence Union and other publications. Additional reading will be recommended during the course.

LL143 Legal Services to the Community

Professor Zander. Ten meetings, Michaelmas Term.

This course will not be given in 1981–82.

For LL.B. Parts I and II.

Syllabus 1. What is a 'legal problem' and 'a need for legal advice'—problems of definition and quantification of the unmet need for legal services.

2. The present scope of the role of the legal profession and future trends. 3. The role of paraprofessionals and lay agencies in providing 'legal services'. 4. Restrictions on services provided by lawyers—monopolies, demarcation lines, restrictions on competition, solicitation of business and advertising, special rules for work done for the poor.

5. The costs of legal services.
6. Legal aid—historical development—a world-wide phenomenon.
7. Special problem areas: small claims; representation in magistrates' courts; tribunals; lay advocates; 'McKenzie men'; test case litigation and class actions.
8. Who should run the legal aid scheme and legal services generally?

Recommended reading Michael Zander, *Legal Services for the Community*, 1978 and materials developed for the course and articles in various journals. Reports of the Prices and Incomes Board, the Monopolies Commission; Evidence to the Royal Commission on Legal Services; *Report of the Royal Commission on Legal Services*, 1979, Cmnd. 7648.

LL144 Social Security Law I

Dr Fulbrook. Ten meetings, Michaelmas Term.

For LL.B. Parts I and II.

Syllabus (1) *Policy questions:*

Competing philosophies—needs, selectivity, insurance rights, income maintenance, minimum wage, redistribution of wealth. The role of administrative discretion.

(2) *History of Social Security*

(3) *Financing social security:*

Contributory and non-contributory benefits—taxation—adequacy of contributions to meet needs.

(4) *The benefits:*

National insurance—unemployment, sickness, industrial injuries; supplementary benefit. Eligibility—nature and amount of benefit.

(5) *The adjudication of benefits:* Appeals procedures.

(6) *Disqualification of benefit:*

A specific look at unemployment benefit.

(7) *The Future Development of Social Security.*

Recommended reading A. I. Ogus and E. M. Barendt, *Law of Social Security*, 1978; Calvert, *Social Security Law* (2nd edn.), 1978.

Suggested reading M. Bruce, *The Coming of the Welfare State*; H. Calvert, *Social Security Law*; J. Fulbrook, *Administrative Justice and the Unemployed*; *Law at Work: Social Security*; V. N. George, *Social Security and Society*; T. Lynes, *The Penguin Guide to Supplementary Benefits*; H. Street, *Justice and the Welfare State*; R. Titmuss, *Commitment to Welfare, Essays on the Welfare State*; J. Walley, *Social Security: Another British Failure?*; Social Insurance and Allied Services: Report by Sir William

Beveridge (Cmnd. 6404); Report of the Committee on Abuse of Social Security Benefits (Cmnd. 5228); Selected cases and legislation.

Further reading will be given during the course.

LL145 Social Security Law II

Dr Fulbrook. Ten meetings, Lent Term.

For LL.B. Parts I and II.

Syllabus (1) *The Social Security Tribunals:* history, composition, practice and procedure, appeals and judicial review, the debate on discretion and legal rights, Natural Justice, evidential rules.

(2) *The Social Security Administrative Process:* internal administrative review and procedures, personnel and training, contribution requirements and the adjudication of disputes on them, time limits for claims, issues of take-up and fraud, client and community involvement.

(3) *The Substantive Law in a Practical Setting:* unemployment benefits in National Insurance and Supplementary Benefits Law, disqualifications, additions to basic scale rates, deductions.

(4) *Lawyering Techniques for Tribunals:* elements of interviewing, drafting, negotiation, oral advocacy and examination, counselling.

Recommended reading BASIC TEXTS

A. I. Ogus and E. M. Barendt, *The Law of Social Security*, 1978; J. Fulbrook, *Administrative Justice and the Unemployed*, 1978; Sir Robert Micklethwait, *The National Insurance Commissioners*, 1976; Legal Action Group, *Guide to Supplementary Benefits Law*, 1979; M. Partington, *Claim in Time*, 1977.

OTHER READING K. Bell, *Tribunals in the Social Services*, 1969; R. J. Coleman, *Supplementary Benefits and the Administrative Review of Administrative Action*, 1970; K. C. Davis, *Discretionary Justice*, 1971; S. A. de Smith, *Judicial Review of Administrative Action*, 1974; J. Fulbrook, *The Appellant and his Case*, 1975; J. Handler, *Reforming the Poor*, 1972; *The Coercive Social Worker*, 1973; M. Herman, *Administrative Justice and Supplementary Benefits*, 1972; R. Lister, *Justice for the Claimant*, 1974; H. Street, *Justice in the Welfare State*, 1975; R. E. Wraith and P. G. Hutchesson, *Administrative Tribunals*, 1973.

LL146 Law of Landlord and Tenant

Mr Nicol. Ten meetings, Michaelmas Term.

This course will not be given in 1981–82.

For LL.B. Parts I and II.

Syllabus This course will examine the law of the landlord-tenant relationship from the specific perspective of housing and housing problems in this country. We shall ask not only what the law is but how effective it is in protecting those for whom it was passed.

(1) Setting the context; the development of the lease; current problems. (2) Rent Act Protection; categories of property subject to control. (3) Vocabulary of the Lease; legal issues relating to creation of the lease.

(4) Financial Protections; rent restrictions; control of illegal premia; estate agent's commission; service charges; rent rebates.

(5) Repairs; the duties of landlords and tenants; the role of local authorities.

(6) Security of tenure; unlawful eviction; harassment. (7) Council Housing and Housing Associations.

Recommended reading Martin Partington, *Cases and Materials on Landlord and Tenant*; Rent Acts 1977; Milner Holland Report, 1965 (Cmnd. 2605); Francis Committee on Working of Rent Acts, 1971 (Cmnd. 4609); Cullingworth Committee, Council Housing, Purposes, Procedures and Priorities.

Further reading will be given during the course.

LL147 Race, Nationality and the Law

Mr Hartley. Seminars, Lent and Summer Terms.

This course will not be given in 1981–82.

For LL.B. Parts I and II.

Syllabus An analysis of the following concepts: race, nationality, racial hatred, nationalism, prejudice and discrimination. Racist propaganda: how far is it permissible in a democratic society to prohibit free speech in order to prevent the spread of racial hatred? Anti-discrimination law: the Race Relations Act 1976; provisions of EEC law prohibiting discrimination.

Citizenship and immigration in the Commonwealth; history of UK citizenship law; concepts of: British subject, UK citizen and patial.

UK immigration law: right to enter; deportation; remedies.

EEC immigration law: international and internal scope; right to enter; reside and remain; public policy proviso; remedies.

Recommended reading John Evans,

Immigration Law; T. C. Hartley, *EEC Immigration Law*; Lester and Bindman, *Race Relations and the Law*; 'British Nationality, Alienage, Immigration and Race Relations' in Halsbury's *Law of England* (4th edn.), Vol. 4, pp. 400 *et seq.*; Clive Parry, *Nationality and Citizenship Laws of the Commonwealth and Ireland*, Vols. 1 and 2; Mervyn Jones, *British Nationality Law* (2nd edn.). Further reading will be given during the course.

LL148 Sociological Theory and the Idea of Law

Mr Schiff. Ten seminars, Michaelmas Term.

For LL.B. Parts I and II.

Syllabus 1. Introduction to sociological theory.

2. Mechanical sociology and the idea of law.

(a) Social progress and law.

(b) Social evolution and law.

3. Social behaviour and law.

4. Social control and law.

5. Social change and law.

6. Law as an index of social change.

7. Law and development.

8. Law and symbolisation.

9. The limits of law.

10. Socialization and law.

Suggested reading Extracts from the following sources: A. Comte, *Cours De Philosophie Positive*, Vol. 6; *Système De Politique Positive*, Vol. 1; H. Spencer, *Principles of Ethics*, Vol. 2, Part 4, Justice; N. S. Timasheff, *An Introduction to the Sociology of Law*; E. A. Ross, *Social Control, A Survey of the Foundations of Order*; W. G. Sumner, *Folkways*; E. Durkheim, *On the Division of Labour in Society*; M. Rheinsten (Ed.), *Max Weber on Law in Economy and Society*; V. Pareto, *The Mind and Society*, Vol. I; P. A. Sorokin, *Contemporary Sociological Theories*; T. W. Arnold, *The Symbols of Government*; G. D. Gurvitch, *Sociology of Law*; J. R. Pennock and J. W. Chapman (Eds.), *The Limits of Law*; J. L. Tapp (Ed.), *Socialization, the Law, and Society*.

Additional General Sources: R. Aron, *Main Currents in Sociological Thought*, Vols. I and II; H. E. Barnes, *An Introduction to the History of Sociology*; N. S. Timasheff, *Sociological Theory, its Nature and Growth*; P. Winch, *The Idea of a Social Science*; P. L. Berger and T. Luckmann, *The Social Construction of Reality*; R. M. Unger, *Law in Modern Society*.

LL149 Public Law and Economic Policy

Mr Elliott. Ten meetings, Lent Term.

For LL.B. Parts I and II.

Syllabus Section (a) will be taught every year, and selected topics from sections (b)–(h) taught from year to year.

- (a) *Introduction*: The particular nature of constitutional problems and the economy; the tension between flexibility and accountability. Formal and informal methods of policy formulation and realisation. The characteristics of the possible accountability agencies and methods in the field (courts, Parliamentary Committees, the PCA, financial control, self-regulation, licensing bodies etc.). A brief history of governmental intervention in Britain, concentrating in particular on the experience of World War 2 and the White Paper on Employment Policy of 1944.
- (b) *Governmental Regulation of the Market*: The administration (though not legal or economic detail) of anti-trust in relation to both mergers and competition, the problem of justiciability; licensing and approved self-regulation.
- (c) *The Government as Market Actor*: The economic and constitutional significance of Government contracts; the legal regime of contracting; contracting as a policy instrument and its control.
- (d) *The Government as Monopolist*: The aims and methods of nationalisation. The relationship between the NIs and the Government; the accountability of the NIs to courts and Parliament. Consumers and equity shareholders and the NIs. The legal regime of employee/NI relationships. The legal regime of competition between the NIs and the private sector of industry.
- (e) *The Government and Selective Intervention in the Market*: The history of intervention; support schemes to individual industries. Intervention in the 1960s; the IRC. The 1970s; the Industry Acts 1972, 1975 and 1980; the NEB. The choice of intervention agency and the accountability of paragonovernmental agencies. Disengagement. The legal problems of the public/private firm and the tension between accountability to the representatives of the public, to employees and to shareholders. The legal problems of discretionary intervention.

- (f) *The Government and Finance*: The constitutional position of the central bank, with a comparison of foreign models. The Bank of England Act 1946; the relationships between the Bank and government, Parliament and the courts. The legal relationship between the Bank and other bankers. 'Moral suasion' and formal law. The Banking Act 1979 and its administration. Governmental relations with the Stock Market, the discount houses and the institutional investors. The PSBR and the National Loans Act 1968. The constitutional basis of monetary policy and the formulation, authority and policing of monetary targets.
- (g) *Budgetary and Expenditure Policy*: The constitutional basis of taxation. Parliament and the budgetary process. Judicial review of revenue decisions. The legal, constitutional and economic aspects of public expenditure. Formulation and control of same. Parliamentary Committees, the Exchequer and Audit Acts, the Comptroller and Audit General.
- (h) *Europe*: The influence of accession to the EEC on certain of the above topics, in particular (c), (d) and (e). The making and control of the Community Budget.

Reading Materials The following will be recommended: Tivey, *Nationalisation in British Industries*; *Nationalisation in the 1960s*; Ganz, *Government and Industry*; Stevens and Yamey, *The Restrictive Practices Court*; Daintith, *The Economic Law of the United Kingdom*; Turpin, *Government Contracts*; Young and Lowe, *Intervention in the Mixed Economy*; Chorley, *Modern Banking Law* (Parts of); Robinson, *Parliament and Public Expenditure*. Periodical literature will be drawn from, *inter alia*, the following journals: *Journal of Business Law*; *British Tax Review*; *Public Law*; *Political Studies*; *Parliamentary Affairs*; *Public Administration*; *Modern Law Review*; *Common Market Law Review*; *British Journal of Law and Society*; *Government and Opposition*; *The Parliamentarian*. Plus numerous official and Parliamentary papers.

COURSES INTENDED PRIMARILY FOR B.Sc. (Econ.) STUDENTS

LL160 English Legal Institutions
Professor Zander. Twenty-two

lectures, Sessional.

For B.Sc. (Econ.) Part I; B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Geog., Soc., Man. Sci.

Syllabus Sources of law; case law and the theory of binding precedent; legislation and statutory interpretation; custom. Reform of the law and codification. The organization of the courts: their jurisdiction and the types of cases with which they deal. Administrative tribunals. Arbitration. Civil and criminal cases, including an outline of pre-trial proceedings; evidence and procedure. The personnel of the law including judges, magistrates, juries, barristers and solicitors. Legal aid and advice. Appeals. Students are not expected to have any knowledge of the substantive rules of law in contract, tort, criminal law or in the other branches of the law.

PRESCRIBED BOOKS: M. Zander, *The Law-Making Process*; *Cases and Materials on the English Legal System*.

LL160(a) Fortnightly, Classes

LL161 Commercial Law

Ms Trosser. Forty lectures,
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci. 2nd or 3rd yr.; Dip. Acct.; Dip. Business Studies.

Syllabus

A: CONTRACT

Essentials of a valid contract: offer, acceptance, consideration, intention to create legal relations.
Capacity.
Privity.
Content: terms, exemption clauses.
Factors of invalidation: misrepresentation, mistake, illegality (restraint of trade).
Discharge.

Remedies for breach of contract.

Recommended reading G. H. Treitel, *An Outline of the Law of Contract*.

FOR REFERENCE: G. H. Treitel, *The Law of Contract*; G. C. Cheshire and C. H. S. Fifoot, *The Law of Contract*.

B: COMPANY LAW

Incorporation and its consequences.
Memorandum and articles of association.
Ultra vires doctrine. Liability of the company for the acts of its organs and officers.
Appointment and removal of directors.
Duties of directors. Majority rule and minority protection. Maintenance of capital.
Recommended reading Northey and Leigh, *Introduction to Company Law*.

441 Law

FOR REFERENCE: L. C. B. Gower, *The Principles of Modern Company Law*.

C: REVENUE LAW

Tax avoidance and tax evasion.

Income Tax

Schedular system; computation; reliefs.

Schedule D cases I and II.

Schedule E.

Schedule F.

Corporation Tax

The Imputation system.

Close companies.

Capital Gains Tax

Capital Transfer Tax (in outline only)

Recommended reading Pinson, *Revenue Law*.

LL161(a) Twenty-three Classes

Within each of the sections A, B and C, some topics will be selected for detailed discussion.

LL162 Elements of Labour Law

Mr Simpson and Professor

Grunfeld. Twenty-five lectures,
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci. 2nd or 3rd yr.; Dip. Personnel Management; Trade Union Studies course and other industrial relations students.

Syllabus 1. Collective labour relations:

(a) Historical, economic and industrial relations background.

(b) Trade unions; legal structure; government and administration (including expulsion); inter-union relations; the political dimension.

(c) Collective bargaining: the right to union membership and activities; the closed shop; recognition of trade unions; disclosure of information for bargaining; legal effect of collective agreements; legislative and other assistance to collective bargaining (Fair Wages Resolution, fair wages legislation); compulsory consultation about redundancies; substitute machinery for collective bargaining (minimum wages legislation); role of Advisory Conciliation and Arbitration Service and other agencies.

(d) Strikes and other forms of industrial action: secondary action; picketing; criminal and civil liability for acts done in connection with "trade disputes"; lockout; role of Government (emergency powers, inquiry).

2. Individual labour relations:

(a) Nature of contract of employment; relationship to collective bargaining.

Employment and self-employment.

(b) Terms of contract: pay—protective

legislation and guarantee pay; hours; holidays; sickness.

(c) Employee's common law duties and disciplinary powers of management: agreed procedures; fines and deductions; suspension; dismissal without notice.

(d) Termination of employment: minimum notice entitlement; wrongful dismissal at common law; redundancy; unfair dismissal.

(e) Equal pay and sex discrimination—maternity rights.

Recommended reading R. Rideout, *Principle of Labour Law*; B. A. Hepple and P.

O'Higgins, *Employment Law*; I. T. Smith and J. C. Wood, *Industrial Law*; K. W. Wedderburn, *The Worker and The Law*; O. Kahn-Freund, *Labour and the Law*; B. A. Hepple, P. O'Higgins and K. W. Wedderburn, *Labour Relations, Statutes and Materials*; P. L. Davies and M. R.

Freedland, *Labour Law: Text and Materials*; K. W. Wedderburn, *Cases and Materials on Labour Law*; P. Wallington, *Butterworth's Employment Law Handbook*; R. Taylor, *The Fifth Estate: Britain's Unions in the Modern World*; H. Pelling, *History of British Trade Unionism*; A. Flanders, *Trade Unions*. FOR REFERENCE: B. A. Hepple and P.

O'Higgins (Eds.), *Encyclopaedia of Labour Relations Law*; Report of Royal Commission on Trade Unions and Employers Associations; Committee of Inquiry on Industrial Democracy; C. Grunfeld, *Modern Trade Union Law*; R. Rideout, *Industrial Tribunal Law*; C. Grunfeld, *Law of Redundancy*.

Students should consult the latest editions of these books.

LL162(a) Twenty Classes

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Man. Sci. 2nd or 3rd yr.

LL162(b) Twenty-five Classes

Sessional.

For Trade Union Studies Course.

LL164 Soviet Law

Professor Lapenna. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; Dip. Int. and Comp. Pols.; M.Sc.; graduate students of Law and others interested.

Syllabus Soviet interpretations of the Marxist doctrine of state and law. Unity of the legal system and the position of public international law. Fundamental notions of civil law. Family law. Inheritance. Criminal

law. "Socialist" legality. Organs of the judiciary. Criminal procedure. Civil procedure.

Recommended reading TEXTBOOKS: H. J. Berman, *Soviet Criminal Law and Procedure*; V. M. Chkhikvadze (Ed.), *The Soviet State and Law*; K. Grzybovski, *Soviet Legal Institutions*; J. N. Hazard, *Communists and Their Law (re parts)*; *Settling Disputes in Soviet Society*; E. L. Johnson, *An Introduction to the Soviet Legal System*; H. Kelsen, *The Communist Theory of Law*; A. Kiralfy, *The Russian Civil Code*; I. Lapenna, *State and Law: Soviet and Yugoslav Theory*; I. Lapenna, *Soviet Penal Policy*; P. S. Romashkin, *Fundamentals of Soviet Law*. CASEBOOKS: J. N. Hazard and M. L. Weisberg, *Cases and Readings on Soviet Law*; H. J. Berman and W. E. Butler (Eds.), *Soviet Statutes and Decisions*.

Students should consult the latest editions of these books.

Further reading will be given at the beginning of the course.

SEMINARS FOR THE LL.M. DEGREE, GIVEN WHOLLY OR PARTLY BY TEACHERS OF THE SCHOOL

LL200 Comparative Constitutional Law I

(The Constitutions of the United States, Canada and Australia).

Dr Leigh and Mr Creighton.

Syllabus I General principles of federalism and the constitutional structures of the United States, Canada, and Australia (in outline). The influence of the imperial structure and the American example in the case of Canada and Australia.

II Government institutions and the federal principle. First and second chambers.

Parliamentary and congressional government and the representation and rights of states and provinces. The federal executive and regional representation. The influence of conventions of the constitution.

III The judicial structure and the federal principle: the United States contrasted with Canada and Australia. Arguments for and against the several judicial systems.

IV The doctrine of the separation of powers: the United States and Australia contrasted with Canada; definition of the powers; delegation of legislative powers.

V General principles governing the allocation of legislative powers. Doctrine of implied immunity of instrumentalities. Doctrine of inconsistency. The judicial function in constitutional cases: advisory opinions, political questions.

VI The regulation of trade and commerce. Freedom of trade within the three federal systems; the effect of other specific powers in the regulation of trade and commerce.

VII Finance. The allocation of taxing powers. The spending power of the federal governments; intergovernmental grants; the machinery of fiscal allocation in the three systems.

VIII External affairs: the power to enter into and implement external obligations. Relations between the states and provinces and foreign governments, and between the federal government and foreign governments.

IX Aspects of the constitutional protection of fundamental rights and the rights of minorities. The effect of a Bill of rights on federal-state relationships.

Note Candidates will not be required to display knowledge of constitutional developments which have occurred within the six months preceding the date of the examination.

Recommended reading TEXTBOOKS AND CASEBOOKS: G. Sawyer, *Modern Federalism*; M. Forkosch, *Constitutional Law*; N. T. Dowling and G. Gunther, *Cases and Materials on Constitutional Law*, or W. B. Lockhart, Y. Kamisar, J. Choper, *The American Constitution: Cases and Materials*; C. Howard, *Australian Federal Constitutional Law*; G. Sawyer, *Cases on the Constitution of the Commonwealth of Australia*; B. Laskin, *Canadian Constitutional Law*; N. Lyon and R. Atkey, *Canadian Constitutional Law in a Modern Perspective*; P. W. Hogg, *Canadian Constitutional Law*.

FOR REFERENCE: V. S. Mackinnon, *Comparative Federalism*; L. W. Levy, *Judicial Review and the Supreme Court*; P. Freund, *On Law and Justice*; C. E. Hughes, *The Supreme Court of the United States*; R. McCloskey, *The Supreme Court*; H. Hart and H. Wechsler, *The Federal Courts and the Federal Systems*; J. Ferguson and D. McHenry, *The American Federal Government*; W. R. Lederman, *The Courts and the Canadian Constitution*; J. P. Meekison, *Canadian Federation, Myth or Reality?*; P. H. Lane, *The Australian Federal System*; G. Sawyer, *Australian Federalism in the Courts*; W. A. Wynes, *Legislative, Executive and Judicial Powers in Australia*;

Z. Cowen, *Federal Jurisdiction in Australia*; J. A. Maxwell, *Commonwealth-State Financial Relations in Australia*; R. J. May, *Financing the Small States in Australia on Federalism*; I. Bernier, *International Legal Aspects of Federalism*; G. Doeker, *The Treaty Making Power in the Commonwealth of Australia*; A. Smith, *The Commerce Power in Canada and the United States*; G. Pépin, *Les Tribunaux Administratifs et la Constitution*; E. J. Brossard et al, *La Cour Suprême et la Constitution*; A. Lajoie, *Le Pouvoir Déclaratoire du Parlement*. Students should consult the latest editions of these books.

LL201 Comparative Constitutional Law II

(Constitutional laws of Commonwealth countries other than the United Kingdom, Canada, Australia, India and Malaysia.) Professor J. S. Read (S.O.A.S.), Dr Slinn (S.O.A.S.) and Mr Wolf-Phillips.

Also for M.A. Area Studies.

Syllabus I The constitutional structure of the Commonwealth and status within it; full members, special membership, associated states. Consultation and co-operation within the Commonwealth. The Commonwealth Secretariat. The classification of dependent territories (within the Commonwealth) and the constitutional structure of government therein; powers of the Crown, the United Kingdom Parliament, Governors and colonial legislatures; constitutional evolution; the attainment of internal self-government. The attainment of independence.

II Constitutional developments in independent Commonwealth states; problems of constitutional evolution, including divided societies, and the place of elements of traditional government in modern constitutions. The concept of autochthony. Constitutionalism and constitutional breakdowns, including the role of the courts. Military government.

III Comparative constitutional structure of Commonwealth states. The executive. Cabinet government. Presidential systems. The legislature: structure and powers; minority representation; the role of second chambers; electoral systems. Relations between the executive and legislature. Single party systems. Procedures for constitutional amendment.

Safeguards against the abuse of power; constitutional guarantees and prohibitions; bills of rights; institutional safeguards, including Ombudsmen. Constitutional provisions for the protection of the judiciary, the public service and the police, and for safeguarding the electoral system, the process of prosecution and the auditing of public accounts.

The courts and the scope and exercise of powers of judicial review of the constitutionality of legislative and executive action.

Emergency powers.

Federal constitutions and experiments in the Commonwealth. Regional associations or communities.

The problems of very small territories.

Associated status.

Note Candidates will not be required to display knowledge of constitutional developments which have occurred within the six months preceding the date of the examination.

Recommended reading S. A. de Smith, *The New Commonwealth and its Constitutions*; L. Wolf-Phillips, *Comparative Constitutions*; B. O. Nwabueze, *Constitutionalism in the Emergent States*; K. C. Wheare, *Constitutional Structure of the Commonwealth*; B. O. Nwabueze, *Presidentialism in Commonwealth Africa*; B. O. Nwabueze, *Judicialism in Commonwealth Africa*.

FURTHER READING S. A. de Smith, *Constitutional and Administrative Law* (3rd edn. 1977); D. Ingram, *The Commonwealth at Work*; J. Cross, *Whitehall and the Commonwealth*; A. Mazrui, *The Anglo-African Commonwealth*; T. M. Franck, *Comparative Constitutional Process*; H. Spiro (Ed.), *Patterns of African Development: Five Comparisons*; B. Benedict, *Problems of Smaller Territories*; S. A. de Smith, *Microstates and Micronesia*; G. Sawyer, *Modern Federalism*; R. D. Watts, *New Federations: Experiments in the Commonwealth*; C. Leys and P. Robson (Eds.), *Federation in East Africa*; K. C. Wheare, *Federal Government*; R. J. May, *Federalism and Fiscal Adjustment*; U. K. Hicks and others, *Federalism and Economic Growth*; D. P. Currie (Ed.), *Federalism and the New Nations of Africa*; Sir John Mordecai, *The West Indies: the Federal Negotiations*; G. Ezejiakor, *Protection of Human Rights under the Law*; G. Marshall, *Parliamentary Sovereignty and the Commonwealth*; W. I. Jennings, *Constitutional Laws of the Commonwealth*, Vol. 1, Chaps. 1-3; *The Approach to*

Self-Government; Sir Alan Burns (Ed.), *Parliament as an Export*; A. L. Adu, *The Civil Service in Commonwealth Africa*; W. I. Jennings, *Constitution of Ceylon* (3rd edn.); B. O. Nwabueze, *Constitutional Law of the Nigerian Republic*; or O. I. Odumosu, *The Nigerian Constitution*; or T. O. Elias, *Nigeria: the Development of its Laws and Constitution*; J. P. Mackintosh (Ed.), *Nigerian Government and Politics*; L. F. Blitz (Ed.), *The Politics and Administration of Nigerian Government*; F. A. R. Bennion, *Constitutional Law of Ghana*; or L. Rubin and P. Murray, *Constitution and Government of Ghana* (2nd edn.); C. Palley, *Constitutional History and Law of Southern Rhodesia*; H. F. Morris and J. S. Read, *Uganda: The Development of its Laws and Constitution*; Y. Ghai and J. P. W. B. McAuslan, *Public Law and Political Change in Kenya*; W. Tordoff, *Government and Politics in Tanzania*; H. Bienen, *Tanzania, Party Transformation and Economic Development* (2nd edn.); L. Wolf-Phillips, *Constitutional Legitimacy*.

FOR REFERENCE E. Cotran and N. N. Rubin (Eds.), *Annual Survey of African Law 1967-*; H. W. R. Wade (Ed.), *Annual Survey of Commonwealth Law 1965-*; K. O. Roberts-Wray, *Commonwealth and Colonial Law*; B. H. Selassie, *The Executive in African Governments*; A. P. Blaustein and G. Flanz, *Constitutions of the Countries of the World*.

Reference should also be made to articles appearing in the periodicals *Public Law*; *Current Legal Problems*; *The International and Comparative Law Quarterly*; *Political Studies*; *The Journal of Commonwealth Political Studies*; *The Journal of Local Administration Overseas*; *The Journal of African Law*; *Government and Opposition*; *The Journal of Modern African Studies*; *Parliamentary Affairs*; *The Parliamentary and Commonwealth Law Bulletin*.

Students must also be conversant with the essential provisions of the main constitutional instruments. Some of these are still to be found in the form of Statutory Instruments of the United Kingdom, but many can now be seen in their current forms only in legislation enacted locally in the respective Commonwealth states: Jamaica, S.I. 1962 No. 1550; Malta, S.I. 1964 No. 1398; Guyana, S.I. 1966 No. 575; Botswana, S.I. 1966 No. 1171; Barbados, S.I. 1966 No. 1455; Mauritius, S.I. 1968 p. 1871; Fiji, S.I. 1970, p. 6630; Solomon Islands, S.I. 1978 No. 738; Commonwealth of Dominica, S.I. 1978 No. 1027; Zimbabwe, S.I. 1979 No. 1600; Tuvalu, S.I. 1978, p. 3781; St. Lucia,

S.I. 1978 No. 1901; St. Vincent, S.I. 1979 No. 196; Kiribati, S.I. 1979 No. 719; Bahamas, S.I. 1973 No. 1080. See also reports of Constitutional Conferences, e.g. *Report of the Fiji Constitutional Conference 1970*, Cmnd. 4389; *Report of the St. Lucia Constitutional Conference 1978*, Cmnd. 7328; *Report of the Gilbert Islands Constitutional Conference 1978*, Cmnd. 7445.

LL202 French Administrative Law: A Comparative Study

Dr Harlow. Lent and Summer Terms. In the Michaelmas Term students are referred to Course Gv225 French Government Seminar.

This course will not be given in 1981-82.

Syllabus I. Introductory: the institutional and political setting

(a) The concept of State—the evolution of the French political system—the growth of the Presidency—the 1958 constitutional settlement—the structure of government in the 5th Republic—central and local government—the administrative machine and the public service—the prefect and administrative *tutelle*.

(b) The lawmaking function—the division of law making power in the 1958 Constitution: (Articles 34, 37, 38)—executive lawmaking—the Constitutional Council—the Conseil d'Etat.

II. Judicial Review and Contrôle juridictionnel

Note: a detailed examination of the rules of English administrative law will not be made and the assumption will be made that there is a pre-existing knowledge of the detailed rules of English Administrative Law on which comparison can be based.

(a) *The Structure of the systems* Review by administrative courts—the Conseil d'Etat and the *section de contentieux*—tenure, appointment and status of judges. Jurisdiction—conflicts and the Tribunal des Conflits.

England: the High Court and Divisional Court—review by prerogative Orders and Order 53—statutory appeals.

(b) Procedure

France: investigatory, documentary and contradictory procedures—access to information—production of documents—duty to give reasons.

England: accusatorial, adversarial, oral procedures—access to information—

privilege—discovery of documents—duty to give reasons.

(c) Scope and grounds of review

Review for error of law—error of fact—review of motives and purposes—control of discretionary power—review of administrative procedures.

(d) The effectiveness of remedies or interim remedies—validatory legislation—the work of the Commission du Rapport.

(e) Administrative Liability, compensation and damages.

III. The Ombudsman technique

The role of an Ombudsman in a parliamentary system—jurisdiction, access—practice and procedure—remedies. The role of an Ombudsman in a "system of public law"—the Médiateur—jurisdiction, access—practice and procedure—remedies—relationship with Conseil d'Etat.

Recommended reading V. Wright, *The Government and Politics of France*, 1978; Ridley and Blondel, *Public Administration in France*, (2nd edn., 1969); D. Pickles, *The Government and Politics of France*, 1972-3; P. Williams, *The French Parliament; Politics in the 5th Republic*, 1968; Freedeman, *The Conseil d'Etat in Modern France*, 1961; M. Rendel, *The Administrative Functions of the French Conseil d'Etat*, 1968; Hamson, *Executive Discretion and Judicial Control*, 1954; Remington, "The tribunaux administratifs; protectors of the French citizen" 51 Tulane L. Rev. 33 1976; Dicey, *The Law of the Constitution*, (9th or 10th edns.) and at (1901) 17 LQR 309; De Smith, *Judicial Review of Administrative Action* (3rd edn., 1971); N. Questiaux in Rowat (Ed.), *The Ombudsman* pp. 217-225; Neville Brown, *The Médiateur: A French Ombudsman* (1975) 91 LQR 408.

Further books and articles will be recommended where necessary. Original source material, in translation where necessary, will be provided. French sources will be specially recommended to those who wish to use them.

LL203 Company Law

Professor Lord Wedderburn.

Syllabus Meaning of corporate personality and distinction between incorporated and unincorporated associations. The nature, types and functions of companies. Historical development of the modern business company. The consequences of incorporation and its practical advantages and disadvantages. The corporate entity principle and exceptions to it. The *ultra vires* doctrine and the concept of capital. The

company's organs and agents and the liability of the company for their acts. Formation and flotation of companies. The nature and classification of company securities. Shares and debentures. Publicity. Meetings and resolutions. Powers of the general meeting. Minority protection. The duties of directors and of the controlling majority and the enforcement of these duties.

Reconstructions and amalgamations. Liquidation (in outline only).

Recommended reading L. C. B. Gower, *The Principles of Modern Company Law*; P. L. Davies, *The Regulations of Takeovers and Mergers; Companies Acts 1948, 1967, 1976 and 1980*; Companies Bill 1981 (and Act when enacted); *Report of the Company Law Committee* (Jenkins Report) (Cmnd. 1749); *Banking Act 1979*; *European Communities Act 1972*; T. Hadden, *Company Law and Capitalism*; R. R. Pennington, *Company Law; The Future of Company Reports* (Department of Trade) (Cmnd. 6888); *The Conduct of Company Directors* (Cmnd. 7037); *Company Accounting and Disclosure* (Cmnd. 7654); *Purchase by a Company of its own Shares* (Cmnd. 7944).

FURTHER READING AND REFERENCE:

J. Northey and L. Leigh, *Introduction to Company Law*; V. Joffe, *The Companies Act 1980*; D. Prentice, *Companies Act 1980*; M. A. Weinberg and M. V. Blank, *Takeovers and Mergers*; Industry Act 1975; C. A. Cooke, *Corporation, Trust and Company*; H. R. Hahlo, *Casebook on Company Law*; L. Sealy, *Cases and Materials on Company Law*; Buckley on the Companies Acts; *Report of (Wilson) Committee on Functioning of Financial Institutions* (Cmnd. 7937); Gore-Browne, *Companies*; Palmer's, *Company Law*; *Report of the Committee on Industrial Democracy* (Bullock Report) (Cmnd. 6706); *Company Law Reform* (Cmnd. 5391); A. A. Berle and G. C. Means, *The Modern Corporation and Private Property; A Review of Monopolies and Mergers Policy* (Cmnd. 7198); H. de Hughton, *The Company: Law, Structure and Reform in Eleven Countries*; P. Hart and R. Clarke, *Concentration in British Industry*; R. Minns, *Pension Funds and British Capitalism*; Minutes of Evidence taken before the Company Law Committee (1961, H.M.S.O.), Vols 1-20; H. A. J. Ford, *Unincorporated Non-Profit Associations*; Confederation of British Industry, *The Responsibilities of the British Public Company*; K. W. Wedderburn, *Rulè in Foss v. Harbottle and Shareholder's Rights* (1957) C.L.J. 194, and (1958) C.L.J. 93 and (1981) 44 M.L.R. (March); S. Beck, *The*

Shareholders' Derivative Action (1974) 52 Can. B.R. 159; D. Prentice, *The Demise of Foss v. Harbottle* (1976) 40 Conveyancer 51; L. Loss, *Fiduciary Concept and Corporate "Insiders" in U.S.A.* (1970) 33 M.L.R. 34; G. R. Sullivan, *The Relationship between Board of Directors and General Meeting* (1977) 93 L.Q.R. 569; G. Prentice, *The Enforcement of Outsider Rights*, *Company Lawyer* (1980) 179; S. Beck, *The Quickening of Fiduciary Obligation* (1975) 53 Can. B.R. 771; R. White, *Towards a Policy for Insider Dealing* (1974) 90 L.Q.R. 494; H. A. J. Ford, *Unit Trusts* (1960) 23 M.L.R. 129; B. H. McPherson, *Winding Up on the "Just and Equitable" Ground* (1964) 27 M.L.R. 282; K. W. Wedderburn, *Corporate Personality and Social Policy; the Quasi-Corporation* (1965) 28 M.L.R. 62; *Minority Shareholders and Directors' Duties* (1978) 41 M.L.R. 569; Wedderburn, *The Derivative Action* (1981) 44 M.L.R. 202; R. S. Nöck, *The Rule of Indoor Management* (1965) 30 Conv. 123; D. Prentice, *Corporate Opportunity Doctrine* (1974) 37 M.L.R. 464; *Section 9, European Communities Act* (1973) 89 L.Q.R. 518; D. Wyatt, *The First Directive and Company Law* (1978) 94 L.Q.R. 182; J. Birds, *Articles Excluding Directors Duties* (1976) 39 M.L.R. 394; G. D. Goldberg, *Article 80 Table A* (1970) 33 M.L.R. 177; *Enforcement of Outsider Rights* (1972) 35 M.L.R. 362; J. Gregory, *The Shareholders' Contract* (1981) 44 M.L.R. (July); D. Prentice, *Just and Equitable Winding Up* (1973) 89 L.Q.R. 107; M. Chesterman, *The Just and Equitable Winding Up of Small Companies* (1973) 36 M.L.R. 129; R. Fraser, *Administrative Powers of Investigation* (1971) 34 M.L.R. 260; P. L. Davies, *Employee Representation on Company Boards* (1975) 38 M.L.R. 254; E.E.C., *Employee Participation and Company Structure* (Bulletin Supplement 8/75).

Students should consult the latest editions of these books.

Further reading will be recommended on particular topics in seminars.

Note The subject demands some previous knowledge of English Law, especially Contract, Agency and Trusts.

LL203(a) Classes
Sessional.

LL204 The Law of Personal Taxation

Mr Lazar.

Syllabus The general structure and

administration of the tax on income and Capital Gains Tax and the rules as to residence and ordinary residence of individuals and trustees for tax purposes. The definition, ascertainment and computation of income for tax purposes (excluding Cases I and II of Schedule D and Cases IV and V in relation to business profits) and the deductions and allowances (excluding capital allowances and loss relief) which may be set against income. The rules for applying the tax on income to individuals, the reliefs accorded to individuals (double tax relief in outline only) and the tax treatment of married women. The rules for applying the tax on income to trusts and estates.

The provisions relating to the tax on income in respect of pensions and pension contributions (in outline only). The definition, ascertainment and computation of chargeable gains and losses for Capital Gains Tax and the rules for applying Capital Gains Tax to individuals, estates and trusts. An outline of the principles of the Capital Transfer Tax including the definition, ascertainment and computation of chargeable transfers.

Recommended reading will be given during the course.

LL204(a) Capital Transfer Tax
(Class)

Summer Term.

LL205 The Law of Business Taxation

Mr Joffe.

Syllabus The general structure and administration of Income Tax, Capital Gains Tax and Corporation Tax: the rules as to residence of companies and partnerships for tax purposes. The definition, ascertainment and computation of income under Cases I and II of Schedule D and Case V in relation to business profits and the deductions and allowances (including capital allowances and loss relief) which may be set against such income. The definition, ascertainment and computation of other types of income (in outline only). The principles of Value Added Tax and Capital Transfer Tax applicable to businesses (in outline only).

The definition, ascertainment and computation of capital gains (in outline) and the special provisions of capital gains tax relating to business assets. The rules for applying Income Tax and Capital Gains Tax to partnerships and sole traders and for

applying Corporation Tax to companies. The tax treatment of close companies, groups of companies, reconstructions, amalgamations and the problems raised by legislation relating to dividend stripping and transactions in securities.

Recommended reading Pinson, *Revenue Law*; Tiley, *Revenue Law*; Whiteman and Wheatcroft, *Income Tax*; Bramwell, *Taxation of Companies*; Easson, *Cases and Materials in Revenue Law*; Lawton, Goldberg and Fraser, *The Law of Partnership Taxation*; *Butterworth's Yellow Tax Handbook*.

Students should consult the latest editions of these books.

Candidates may take into the examination room copies of *Butterworth's Tax Handbook* (edition current on 1 January of the year in which the examination is held).

LL206 The Law of Restitution

Professor Cornish and Mr Green.

Syllabus The general principles of the law of restitution, including: theoretical basis; personal and proprietary claims. Acquisition of benefit from plaintiff: mistake; compulsion; necessity; ineffective transactions. Acquisition of benefit from third party: attornment; subrogation and related rights; intervention without right; improperly paid beneficiaries etc.; voidable preferences and dispositions in fraud of creditors; imperfect gifts.

Acquisition of benefit through a wrongful act: waiver of tort; crime; breach of fiduciary relationship. Defences to restitutionary claims.

Recommended reading R. L. A. Goff and G. H. Jones, *The Law of Restitution*; S. J. Stoljar, *The Law of Quasi-Contracts*; American Law Institute, *Restatement of Restitution*; R. M. Jackson, *History of Quasi-Contract*; P. H. Winfield, *Province and Function of the Law of Tort*; P. H. Winfield, *Law of Quasi-Contract*; D. W. M. Waters, *The Constructive Trust*.

Students should consult the latest editions of these books.

LL207 Monopoly, Competition and the Law

Mr Bishop and Dr Korah (U.C.).

This course will not be given in 1981-82 if less than five students wish to take the option.

Syllabus I. The restrictive trade practices legislation; II. the monopolies and mergers

legislation; III. the control of anti-competitive practices; IV. the competition rules of the E.E.C. Part I Registration, enforcement and avoidance; the criteria of the public interest; the justiciability of the issues before the Restrictive Practices Court; analysis of selected decisions of the Court. Part II The Monopolies and Mergers Commission: single firm monopolies; control of mergers; non-collusive oligopoly; analysis of selected reports of the Commission. Part III Investigations by Director-General of Fair Trading into anti-competitive practices and their reference to Monopolies and Mergers Commission. Part IV Articles 85 and 86 of the Rome Treaty, and Regulation 17; the rules relating to the free movement of goods; the relationship between Community and U.K. Law; contrast between Article 85(1) and the definition of agreements subject to registration under the U.K. law; respective advantages of administrative discretion and the more legalistic approach of the U.K. restrictive practices legislation.

Recommended reading J. Lever (Ed.), *Chitty on Contracts*, Vol. I, ch. 16 and paras. 861-913, 949-958; Vol. II, ch. 11; R. B. Stevens and B. S. Yamey, *The Judicial Process and Economic Policy; A Study of the Restrictive Practices Court* (out of print); V. Korah, *Competition Law in Britain and the Common Market* (out of print); Reports of the Registrar of Restrictive Trading Agreements Cmnd. 1603; 1273; 2296; 3188; 4303; Reports of the Office of Fair Trading. Candidates may bring into the examination copies of any of the following: Restrictive Trade Practices Acts 1976 and 1977; Fair Trading Act 1973; Resale Prices Act 1976; Restrictive Practices Court Act 1976; Sweet and Maxwell's *European Community Treaties*; Treaty establishing the European Community, Rome, 15 March 1957; Secondary legislation of the European Communities, Subject Edition, Vol. 4, Competition, H.M.S.O., 1973; Competition Law in the European Economic Community and in the European Coal and Steel Community (situated by 31 December 1971). Further references will be given at the beginning of the course.

LL208 E.E.C. Competition Law

Mr Bishop and Dr Korah (U.C.).

Syllabus The competition rules and practice of the EEC: Articles 85-90 of the Treaty of Rome, the implementing regulations and other relevant provisions. Price-fixing and

market sharing agreement; boycotts and discrimination; exemptable forms of collaboration; abuse of dominant position; free movement of goods and industrial property rights. The relationship between Community and national anti-trust laws. **Note** Candidates will be expected to have or to acquire adequate knowledge of the institutions of the European Communities.

LL209 The Principles of Civil Litigation

Sir Jack Jacob and Professor Zander.

Syllabus The general principles and practice of civil litigation, including: the organization, jurisdiction and functions of the various Courts and Tribunals and of the legal profession. The remedies afforded by civil proceedings (both interlocutory and final) including enforcement of judgments and orders.

The procedures adopted in the High Court and in the County Court in ascertaining and dealing with disputed issues, in preparation for trial, in the trial and post-trial assessment of damages or other consequential relief; the system and right of appeal and the procedure on appeal; the extent to which these procedures enable the courts to arrive at correct and reasonably speedy decisions both on facts and substantive law (knowledge of the law of evidence will not be required, except so far as it affects general procedure). The organization and function of Tribunals (in outline only) and the general procedures adopted by Tribunals and arbitrators; comparisons will be made between these procedures and those adopted by the Courts. The social and economic effects and value of the present system of civil litigation; including some comparison with foreign systems.

Recommended reading W. B. Odgers, *Pleading and Practice*; P. St. T. Langan and D. G. Lawrence, *Civil Procedure*; M. Zander, *Cases and Material on the English Legal System*; B. Abel-Smith and R. S. Stevens, *In Search of Justice*; Final Report of (Evershed) Committee on Supreme Court Practice (Cmnd. 8878, 1953); Report of the Royal Commission on Assizes and Quarter Sessions (Cmnd. 4153, 1969); Report of the (Winn) Committee on Personal Injuries Litigation (Cmnd. 369, 1968); Report of the (Payne) Committee on Enforcement of Judgment Debts (Cmnd. 3909, 1969). **FOR REFERENCE:** The Annual Practice; The County Court Practice; Halsbury, *Laws of England*, Vol. 1, *Actions*, Vol. 9, *County*

Courts and Courts, Vol. 11, *Crown Proceedings*, Vol. 12, *Discovery and Divorce*, Vol. 16, *Execution*, Vol. 22, *Judgments and Orders*, Vol. 23, *Juries*, Vol. 30, *Pleading and Practice and Procedure*; E. Bullen and S. M. Leake, *Precedents of Pleading*; J. Chitty, *Queen's Bench Forms*; *Encyclopaedia of Court Forms*; W. S. Holdsworth, *History of English Law*, Vol. I and Vol. IX, chap 7; R. Sutton, *Personal Actions at Common Law*; H. C. Gutteridge, *Comparative Law*; R. David and H. P. de Vries, *French Legal System*; A. T. Von Mehren, *The Civil Law System*; *Legal Aid Handbook* (H.M.S.O.); *Civil Judicial Statistics* (H.M.S.O., annual); *Manual of German Law*, Vol. I (H.M.S.O.); Report of Royal Commission on Despatch of Business at Common Law (Cmd. 5065); 1st, 2nd and 3rd Reports of Committee on County Court Procedure (Cmd. 746 and 7668); 1st, 2nd and 3rd Reports of Committees on Supreme Court Practice (Cmd. 7764, 8176 and 8617); Report of Committee on Administrative Tribunals and Enquiries (Cmd. 218); Report of Law Society on Operation of Legal Aid and Advice Act (1949, annual); Articles on Practice and Procedure in *The Law Quarterly Review*, *The Modern Law Review* and other periodicals.

LL210 Comparative Criminal Law and Procedure

Dr Leigh.

Also for Dip. Criminal Justice.

Syllabus A consideration of the main principles of the English criminal law, of the problems arising in its codification, of the principles of responsibility and the general defences, and of strict liability, vicarious liability and group liability. These will be examined as appropriate in comparison with the rules of other common law systems, of Western European systems of law and in the light of proposals for change by institutional writers and law reform bodies.

SPECIFIC CRIMES: A comparative examination of the following specific crimes: homicide, theft, and kindred offences, other offences against property, offences against public morality, commercial trading frauds, offences against the state and the administration of justice.

PROCEDURE: A comparative examination of the following topics: territorial jurisdiction. Police powers of investigation and interrogation. The discretion to prosecute. Relation of prosecutor to the defence. Criminal discovery; problems of notice; joint

trials; criminal pleadings. The position of the accused as a witness. Organization of the criminal courts. Criminal appeals, new trial and post-conviction remedies.

Recommended reading will be given during the course.

LL211 Soviet, East European and Mongolian Law

Professor Lapenna and Professor Butler (U.C.).

Note Candidates taking LL.M. subject 77 *Soviet Law* may not take Section (b) 3 *Soviet Law* under LL.M. subject 42 *Comparative European Law*. Candidates are required to offer A and one of B, C or D. It may not be possible to provide courses for each option every year.

Syllabus

1. *General Introduction* (a) Historical Introduction; Source Materials. (b) Marxist and Leninist Theories of State and Law; Concepts of Ownership. (c) Constitutional Framework; Role of the Communist Party. (d) Administration of Socialist Legality: The Legal Profession; Judicial System; Procuracy; State Arbitrazh; Administrative Commissions; Comrades' Courts; People's Guard. (e) Structure of Socialist Legal System.

2. *Special Interests* A study of two of the following subjects (see note 1): (a) History of Marxist Legal Thought. (b) Themes in Legal History. (c) Criminal Law and Procedure. (d) Civil Law and Procedure. (e) Constitutional and Administrative Law. (f) Economic Law. (g) Labour Law. (h) Family Law (see note 2). (i) Natural Resource and Environment Law. (j) Collective Farm Law. (k) Criminology and Correctional Labour Law. (l) Socialist Economic Integration. (m) Soviet and East European Attitudes Toward Public International Law.

Note 1. The special subjects available will be announced by the School(s) teaching the course; not all special subjects will be taught every year. In the Academic Year 1981-82 the following special subjects will be offered: (c) Criminal Law and Procedure, and (d) Civil Law and Procedure (Professor Lapenna), (f) Economic Law, (i) Natural Resources and Environment Law (Professor Butler).

Note 2. In years when the Soviet Family Law is offered as part of Comparative Family

Law, a candidate offering special subject (h) Family Law may not also offer Comparative Family Law.

Note 3. Although a knowledge of Russian or East European languages is not required, students taking this course will be required to familiarise themselves with some technical legal terms in these languages. The emphasis as between Soviet and East European in each option is at the discretion of the instructor.

Recommended reading (in English) (Consult the most recent edition)

(a) **Bibliography:** W. E. Butler (Ed.), *Russian and Soviet Law*, An Annotated Catalogue of Reference Works, Legislation, Court Reports, Serials and Monographs on Russian and Soviet Law (Including International Law); W. E. Butler (Ed.), *Writings on Soviet Law and Soviet International Law*; P. S. Romashkin (Ed.), *Literature on Soviet Law: Bibliographic Index*.

(b) **Books:** H. Babb (trans.), *Soviet Legal Philosophy*; D. Barry, W. E. Butler and G. Ginsburgs (Eds.), *Contemporary Soviet Law*; H. J. Berman, *Justice in the U.S.S.R.*; O. Bihari, *Socialist Representative Institutions*; K. Grzybowski, *Soviet Legal Institution*; J. N. Hazard, *Communists and Their Law*; J. N. Hazard, *Settling Disputes in Soviet Society*; M. Jaworskyj, *Soviet Political Thought: An Anthology*; E. Johnson, *An Introduction to the Soviet Legal System*; H. Kelsen, *The Communist Theory of Law*; I. Kovacs, *New Elements in the Evolution of Socialist Constitutions*; S. Kucherov, *The Organs of Soviet Administration of Justice*; I. Lapenna, *State and Law; Soviet and Yugoslav Theory*.

(c) **Casebooks:** J. N. Hazard, I. Shapiro and P. Maggs (Eds.), *The Soviet Legal System*; Z. Zile, *Ideas and Forces in Soviet Legal History*.

(d) **Journals and Serials:** *Law in Eastern Europe*; *Osteuropa Recht*; *Review of Socialist Law*; *Soviet Law and Government*; *Soviet Statutes and Decisions*. In addition to these periodicals devoted exclusively to Soviet and East European Law, articles frequently appear in *The International and Comparative Law Quarterly*, *Soviet Studies* and *Soviet Union*.

Note Further readings in books, journals, case reports, and other materials translated for the course will be assigned for options B-O.

LL212 Comparative Family Law

Ms Temkin, Professor Lapenna and
450 Law

Mr Bradley.

Note When the prescribed option in Comparative European Law is

“Persons and Family Law”

candidates will not be permitted to offer both Comparative European Law and Comparative Family Law. Candidates taking option B “Civil Law and Domestic Relations” in LL.M. subject 77 *Soviet Law* may not take Comparative Family Law.

Syllabus An examination from a comparative standpoint of contemporary issues in Domestic Relations law. Topics to be considered will be selected from the following: capacity to marry, matrimonial property, reallocation of property on divorce and death, cohabitation, divorce, domestic violence, custody of children, illegitimacy, adoption, and children in trouble with the law. Jurisdictions covering particular topics will include: England, Canada, Australia, West Germany, Sweden and jurisdictions in the United States and U.S.S.R.

Recommended reading 1. Common law jurisdictions and general comparative works: Books: Foote, Levy and Sander, *Cases and Materials on Family Law*; M. A. Glendon, *State Law and Family*; J. Eckelaar, *Family Law and Social Policy*; P. M. Bromley, *Family Law*; O. Stone, *Family Law*; S. M. Cretney, *Family Law*; S. Fodden, *Family Law Cases and Materials*; D. Mendes da Costa (Ed.), *Studies in Canadian Family Law*; K. Gray, *Re-Allocation of Property on Divorce*.

JOURNALS: *Family Law Quarterly* of A.B.A.
2. Civil law jurisdictions: Books: E. J. Cohn, *Manual of German Law*, (2nd edn., 1967), esp. the chap. on Family Law; A. Kiralfy (Ed.), *Comparative Law of Matrimonial Property*; E. D. Graue, *German Law*, chap. V; Charnatz and Daggett, *Community Property* or W. E. Burby, *Cases on Community Property*.

Further reading lists will be issued at the beginning of the course.

LL213 Law of International Institutions

Dr Weiss and Professor Higgins.

Syllabus (A) *Introduction:* Functions and types of international institutions. General principles of international institutional law. Methods.

(B) *Specialised Institutions:* 1. Judicial

Institutions, with special reference to the Permanent Court of Arbitration and the International Court of Justice. Functions; organisation; Jurisdiction; procedure; awards; judgments; advisory opinions; execution.

2. U.N. Specialised Agencies, with special reference to the International Labour Organisation, Intergovernmental Maritime Consultative Organisation and U.N.E.S.C.O. Decision making and quasi-legislative role.

(C) *International Institutions which are Universal in Scope:* The League of Nations; The United Nations; structure, composition of organs, admission, representation, expulsion, voting, jurisdiction, functions, powers, peaceful settlement of disputes, use of force, peacekeeping.

(D) *Regional Institutions:* Multi-purpose institutions, e.g. Organization of American States; Council of Europe. Single-purpose institutions, e.g. the International Commission for the Northwest Atlantic Fisheries or the Commission for Technical Co-operation in Africa (South of the Sahara); Supra-national institutions (the European Coal and Steel Community, the European Economic Community and Euratom). Also collective defence arrangements: N.A.T.O. and the Warsaw Pact.

(E) *Non Governmental Organisations:* arrangements for consultation with the U.N. under Article 71 of the Charter.

Note Candidates taking this subject will not be expected to have a detailed knowledge of specialised agencies or other international institutions operating in the field of economics, civil aviation or maritime matters.

Recommended reading H. G. Schermers, *International Institutional Law*, Vols. 1 and 2; Goodrich, Hambro and Simons, *The Charter of the United Nations*; D. Bowett, *The Law of International Institutions*; R. Higgins, *The Development of International Law through the Political Organs of the U.N.*; F. Kirgis, *International Organisation*. **FURTHER READING:** R. Russell and J. Muther, *The History of the United Nations Charter*; Goodspeed, *The Nature and Function of International Organisation*; C. W. Jenks, *The Proper Law of International Organisations*; A. Gross, *The United Nations: Structure for Peace*; G. Weissberg, *The International Status of the United Nations*; H. Kelsen, *The Law of the United Nations*; A. H. Robertson, *European Institutions*; S. Rosenne, *The Law and Practice of the International Court*; J. L.

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Simpson and H. Fox, *International Arbitration*; L. B. Sohn, *Cases of United Nations Law and Basic Documents of the United Nations*; B. Boutros-Ghali, *The Addis Ababa Charter*; D. Bowett, *United Nations Forces*; R. Higgins, *United Nations Peacekeeping* (Vol. 1 Middle East, Vol. 2 Asia, Vol. 3 Africa, Vol. 4 Europe); Ann Van Wynen Thomas and A. J. Thomas Jr., *The Organisation of American States*; United Nations, *Repertory of Practice of United Nations Organs and Supplements; Repertoire of Practice of the Security Council, 1946-1966 and Supplements*.

Students should consult the latest editions of these books.

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; United Nations, *Monthly Chronicle*; *The International and Comparative Law Quarterly*; *International Organisation*; *Year Book of the International Court of Justice*; *Year Book of the United Nations*; *The Year Book of World Affairs*.

LL213(a) Classes

Lent and Summer Terms.

LL214 Law of European Institutions

Mr Hartley.

Also for M.Sc.

Syllabus A. *Integration in Western Europe: Development of the Institutions and Comparison of their Characteristics:* The Marshall Plan—O.E.E.C.—Benelux—The Schumann Plan—E.C.S.C.—N.A.T.O.—W.E.U.—The European Defence Community—The Council of Europe—E.F.T.A.—Euratom and the E.E.C.

B. *The European Communities:* Structure of the Institutions—The Council, the Commission, the Court of Justice and the European Parliament—The Division of Powers—Law-making: Forms, authority, delegation of powers. Sources of Community Law—Direct Applicability and Direct Effectiveness—The Supremacy of Community Law—The Reference procedure under Article 177 of the E.E.C. Treaty—Judicial Review of Community Acts under Article 173, E.E.C.—Actions for failure to act—The plea of illegality—Actions against Member States—Actions for damages against the Community.

C. *Comparison with Integration in Eastern Europe:* Socialist International Organizations: COMECON—International Bank for Economic Cooperation—

International Investment Bank—Production—Branch Organizations—Multinational Enterprises—Association and Cooperation Agreements—Dispute Settlement—Harmonization and Unification of Law—Comprehensive Programme for Socialist Economic Integration.

[Candidates are permitted to bring into the examination room only the following document: one copy of *European Community Treaties* (Sweet and Maxwell).]

Recommended reading T. C. Hartley, *The Foundations of European Community Law*; N. Brown and F. Jacobs, *The Court of Justice of the European Communities*; A. H. Robertson, *European Institutions*; D. Lasok and J. W. Bridge, *Introduction to the Law and Institutions of the European Communities*; K. Lipstein, *Law of the European Community*; H. Schermers, *Legal Protection in the European Communities*. FURTHER READING: A. Toth, *Legal Protection of Individuals in the European Community*; R. H. Lauwaars, *Lawfulness and Legal Force of Community Decisions*; L. Collins, *European Community Law in the U.K.*; F. Jacobs and A. Durand, *References to the European Court*.

Reference should also be made to: *European Law Review*; *Common Market Law Review*; F. L. Peyor, "Forms of Economic Co-operation in the European Communist Block" (*Soviet Studies*, Oct. 1959); Institute of Advanced Legal Studies, *Index to Foreign Legal Periodicals*; articles in B.Y.I.L. and I.C.L.Q.

The Community Treaties may be found in Rudden and Wyatt, *Basic Community Laws* or in Sweet and Maxwell's *European Community Treaties*.

LL215 European Community Law

Note Students are required to take two special subjects from a list which can be found in the University of London Regulations for internal students. The following two special subjects are provided by arrangement between the School and King's College.

Community Law relating to Competition

Professor Jacobs (K.C.).

Syllabus The function of competition policy in the common market. The competition rules of the E.E.C. Treaty. The control of agreements and restrictive practices (art. 85

E.E.C.). Monopoly power and the abuse of a dominant position (art. 86 E.E.C.). Procedure of the Commission and jurisdiction of the Court of Justice. Enforcement of the E.E.C. competition rules in the national courts. Public undertakings (art. 90 E.E.C.). State aids (arts. 92–94 E.E.C.).

Recommended reading Barry E. Hawk, *United States, Common Market and International Antitrust: A Comparative Guide* Part Two (1979); Bellamy and Child, *Common Market Law of Competition* (2nd edn. 1978); Barounos, Hall and James, *E.E.C. Anti-trust Law* (1975); Commission of the European Communities, *Reports on Competition Policy* (annual, since 1972).

Social Policy

Mr Hartley. Fifteen seminars, Lent and Summer Terms.

Syllabus Principles and institutions. Employment law: trade unions, the work environment, sex discrimination, immigrant labour, termination of employment, employee participation. Social security. Freedom of movement: employees, self-employed persons, providers and receivers of services.

Recommended reading T. C. Hartley, *E.E.C. Immigration Law*; Derrick Wyatt and Alan Dashwood, *The Substantive Law of the E.E.C.*, chapters 13–15; H. Smit and P. Herzog, *The Law of the European Economic Community*, commentary to Articles 48–66 E.E.C.; B. Sundberg-Weitman, *Discrimination on Grounds of Nationality*; Philippa Watson, *Social Security Law of the European Communities*; F. G. Jacobs (Ed.), *European Law and the Individual*; G. Lyon-Caen, *Droit Social International et Européen*.

Notes Candidates offering the special subject Community Law relating to Competition may not offer Monopoly, Competition and the Law nor European Community Competition Law.

All candidates offering European Community Law are expected to have or to acquire adequate knowledge of the institutions of the European Community. The course Law of European Institutions may be taken concurrently.

LL216 International Law of the Sea

Dr Weiss.

Also for M.Sc.

Syllabus I. Introduction. History; sources.

II. Delimitation of the Relevant Areas.

Internal waters; the territorial sea and the contiguous zone; bays; harbour works and roadsteads; islands and low-tide elevations; international straits and waterways; the high seas and the sea-bed; the continental shelf.

III. The Principle of the Freedom of the Seas. Ordinary and extraordinary rights of jurisdiction in time of peace, with special reference to piracy and the slave trade; coercive measures short of war; limitations and exceptions.

IV. Users of the High Seas and the Sea-Bed. Navigation; fisheries; exploitation of other natural resources; scientific research and experiments; disposal of radioactive waste; naval exercises; pipe lines; cables; mechanical installations; other users.

V. Jurisdiction over Maritime Areas Adjacent to the Coast. The regime of ports and internal waters; the regime of the territorial sea and the contiguous zone; the regime of the continental shelf; the right of hot pursuit; ships in distress.

VI. Access to the Sea for States without a Sea Coast. Transit between the sea and a state without a sea coast; use of ports and the territorial sea of neighbouring states; right to sail ships on the high seas.

VII. The Legal Regime of the Ship.

Nationality of ships; flags of convenience; warships and other government-owned ships on non-commercial service; government-owned merchant ships; privately-owned merchant ships; collision, wreck and salvage; stateless ships; pirate ships.

VIII. The Legal Regime of Crew, Passengers and Cargo. Jurisdiction; the master; master and crew; conditions of labour; consular jurisdiction over seamen abroad; functional protection of seamen.

IX. Rules for Securing Safety at Sea. Rules for the prevention of collisions at sea; assistance at sea; load line conventions; pollution.

X. International Maritime Institutions. Types; functions; organization; jurisdiction.

Recommended reading TEXTBOOKS: C. J. Colombos, *International Law of the Sea*; G. Gidel, *Le Droit International Public de la Mer*; M. S. McDougal and W. T. Burke, *The Public Order of the Oceans*; G. Schwarzenberger, *The Fundamental Principles of International Law*, chap. VIII; Hague Academy, *Recueil*, Vol. 87; I. Brownlie, *Principles of Public International Law* (2nd edn., 1973), Chaps. IX, X and XI.

FURTHER READING: J. Andrassy, *International Law and the Resources of the Sea*; L. J. Bouchez, *The Regime of Bays in International Law*; E. D. Brown, *The Legal*

Regime of Hydrospace; R. R. Baxter, *The Law of International Waterways*; B. A. Boczek, *Flags of Convenience*; British Institute of International and Comparative Law, *Developments in the Law of the Sea, 1958–1964* (Special Publication No. 6, 1965); *New Directions in the Law of the Sea*, Vols. 1–6 (1973–77); W. T. Burke, *Towards a Better Use of the Ocean*; T. W. Fulton, *The Sovereignty of the Sea*; S. Oda, *International Control of Sea Resources*; S. Oda, *International Law of Ocean Development*; International Law Commission of the United Nations, *Relevant Summary Records, Documents and Yearbooks*; Third United Nations Conference on the Law of the Sea, *Informal Composite Negotiating Text, 1976* (Cmnd. 584).

PERIODICALS: *The American Journal of International Law*; *The British Year Book of International Law*; *The International and Comparative Law Quarterly*; *The Year Book of World Affairs*.

LL216(a) Classes

Lent and Summer Terms.

LL217 International Economic Law

Mr Lazar.

Also for M.Sc.

Syllabus I. Fundamentals. The province, sources, history and sociology of international economic law.

II. The principles of international economic law. Economic sovereignty and the co-existence of sovereign and heterogeneous economics. Extraterritorial effects of economic legislation. Immunities from economic sovereignty. Limitations of economic sovereignty (including freedom of commerce, freedom of land and air communications, freedom of inland navigation, freedom of access to the sea and maritime ports, and freedom of the seas). The problem of international economic public policy.

III. The standards of international economic law. Function and types, including the minimum standard of international law, the most-favoured-nation standard, the standard of preferential treatment, the standard of reciprocal treatment, the standard of the open door and the standard of national treatment. The standards of international economic law on the level of international institutions, including the standard of economic good neighbourliness.

IV. International economic transactions. General principles. Treaties of friendship,

commerce and navigation. Other economic agreements, including double-taxation agreements, development aid agreements, and agreements for technological co-operation. Unilateral economic acts. International economic torts, with special reference to the protection of foreign investments. The problem of an international economic law of crime.

V. The law of economic warfare. Economic reprisals. Economic warfare, with special reference to the position of enemy and neutral property in land and sea warfare. Economic war crimes. War indemnities, reparation and restitution. Collective economic sanctions.

VI. Patterns of international economic organization.

A. On the level of partly organized international society: the representation and protection of economic interests abroad, with special reference to relevant aspects of diplomatic and consular relations. International adjudication of economic claims. Economic and financial unions (e.g. monetary unions, customs unions, free trade areas and common markets).

B. On higher levels of international integration: the economic framework of the United Nations. Universalist institutions (e.g. the Bretton Woods institutions and GATT). Regional institutions (e.g. the regional Economic Commissions of the United Nations). Sectional institutions (e.g. international commodity agencies). Supra-national institutions (e.g. the European Communities).

Recommended reading L. Lazar, *Transnational Economic and Monetary Law: Transactions and Contracts*. Further references will be given during the course.

LL218 International Business Transactions

Mr Hartley, Mr I. G. F. Karsten and Mr Nicol.

Syllabus The main purpose of this course is to identify and analyse some of the principal problems of public and private international law and European Community law encountered in international commercial transactions involving private parties. Private international law will be considered comparatively, with special reference to English, American and E.E.C. law. Internal (national) law will be discussed to only a limited extent.

1. Jurisdiction and Foreign Judgments.

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General principles; connection of parties with forum; connection of transaction with forum; jurisdictionally proper and improper fora; forum conveniens; arrestment; international conventions; choice of jurisdiction clauses; provisional remedies (including detention of assets and injunctions); conflicting claims to jurisdiction; sovereign immunity; enforcement of judgments.

2. International Arbitration. Jurisdiction; governing law; enforcement; supervision by courts.

3. Choice of Law in Commercial Matters. Private International law aspects of the following: Contracts generally; particular problems in contracts; sale; pledge; hire; carriage of goods; insurance; agency; licensing agreements; foreign currency obligations; transfer of real rights in tangible property; assignment of intangible property; corporations.

4. Financing Foreign Trade. Letters of credit, performance bonds; negotiable instruments; government guarantees.

5. International Uniform Law. Advantages of international uniform law as an alternative to conflict of laws; history and institutions (including an outline of the principal conventions); problems concerning the application of international uniform laws and their relationship to private international law.

6. International Application of National Policies. The extra-territorial application of national law to international transactions and activities, with special reference to anti-trust law, boycotts and embargoes.

7. Expropriation of Foreign-Owned Property. Rights and remedies of dispossessed owners against subsequent purchasers and others in courts outside the country where the expropriation occurred.

8. Individual Rights and Obligations under International Treaties. The application of international treaties by national courts.

9. Doing Business in the E.E.C. The problems facing a non-Community company seeking to do business in the Community through (i) direct selling, (ii) the appointment of an agent or licensee, or (iii) the incorporation of a local subsidiary will be considered with reference to the Community law relating to the common commercial policy, harmonisation of legislation, the free movement of goods and services and the right of establishment. Competition law, being the subject of a separate course, will not be discussed in detail.

Note Recommended reading will be given during the course.

LL219 Intellectual Property

Professor Cornish.
Syllabus *Patents* History and economic purpose. British and European patent systems; infringement; validity; ownership; assignments and licences; compulsory licensing and Crown Use; international arrangements.

Confidential Information Scope of present law; relation to patents and copyright.

Copyright History and objectives; types of copyright; infringement; ownership and transactions; copyright in special circumstances.

Industrial Designs Artistic copyright; registered designs.

Trade Marks and Names Protection at common law: passing off, injurious falsehood. Trade marks registration: relation to common law protection: entitlement to register and objections to registered marks; dealings in marks infringement. Relation to consumer protection law.

EEC Law The impact of free movement and competition rules of the Common Market on intellectual property rights; integration and harmonisation of intellectual property.

Recommended reading INTRODUCTORY: T. A. Blanco White and R. Jacob, *Patents, Trade Marks, Copyright and Industrial Designs*. TEXTBOOK: W. R. Cornish, *Intellectual Property*.

FURTHER READING: T. A. Blanco White and others, *Encyclopedia of United Kingdom and European Patent Law*; A. Turner, *The Law of Trade Secrets*; T. A. Blanco White and R. Jacob, *Kerly on Trade Marks*; E. P. Skone James and others, *Copinger and Skone James on Copyright*; H. Laddie, P. Prescott and M. Vitoria, *Modern Law of Copyright*. Students should consult the latest edition of these books.

(Candidates will be permitted to bring into the examination room copies of the Patents Act 1977, Trade Marks Act 1938, Copyright Act 1956, Design Copyright Act 1968 and the Treaty of Rome.)

LL220 Criminology

Mr Hall Williams.

Also for Dip. Criminal Justice.
Syllabus I. Introduction. The legal and criminological conception of crime. Relationship between criminology and criminal law.

II. Methodology. Methods of criminological study. Data collection. Theory construction.

III. Factors and Theories about Crime.

(a) Physiological factors and theories

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(including the role of inheritance, chromosome typology, endocrine imbalance etc.).

(b) Psychological factors and theories (including mental disorders, subnormality and their treatment by the law). Personality theories.

(c) Sociological factors and theories (including such environmental influences as the criminal area, gang membership). Cultural theories about crime, the influence of the mass media of communication.

(d) Prediction studies.
IV. Specific Criminology. Homicide and violent crime. Female criminality; juvenile crime. Sexual offenders. Drugs, alcohol and crime. Stealing (including shoplifting). Motoring offences. Arson, and crimes of damage to property. Hooliganism and vandalism. Persistent offenders. White collar crime. Organized crime. Political crime. A typology of offences and offenders.

V. Attitudes and Policies Towards Crime.

(a) Social defence and crime prevention. Police and public attitudes towards crime. The contribution of scientific criminology.

(b) Dimensions of the crime situation. Criminal statistics, hidden delinquency.
Recommended reading TEXTBOOKS: N. Walker, *Crime and Punishment in Britain*; R. Hood and R. Sparks, *Key Issues in Criminology*; E. H. Sutherland and D. R. Cressey, *Criminology*; D. J. West, *The Young Offender*; W. G. Carson and P. Wiles, *Crime and Delinquency in Britain*; Taylor, Walton and Young, *The New Criminology*.

FURTHER READING: H. Mannheim, *Comparative Criminology*; *Group Problems in Crime and Punishment*; *Criminal Justice and Social Reconstruction*; S. and E. T. Glueck, *Unravelling Juvenile Delinquency*; *Physique and Delinquency*; *Family Environment and Delinquency*; *Ventures in Criminology*; S. Glueck, *The Problem of Delinquency*; K. Friedlander, *Psychoanalytical Approach to Juvenile Delinquency*; J. Bowlby, *Child Care and the Growth of Love*; *Maternal Care and Mental Health*; *Attachment* (2 Vols.); B. Wootton, *Crime and the Criminal Law*; *Social Science and Social Pathology*; A. K. Cohen, *Delinquent Boys: The Culture of the Gang*; D. M. Downes, *The Delinquent Solution*; T. P. Morris, *The Criminal Area*; J. B. Mays, *Growing Up in the City*; *Crime and Social Structure*; *Crime and its Treatment*; M. E. Wolfgang, L. Savitz, N. Johnston, *The Sociology of Crime and Delinquency*; H. J. Eysenck, *Crime and Personality*; G. Trasler, *The Explanation of Criminality*; L.

Radzinowicz, *Ideology and Crime*; H. Mannheim (Ed.), *Pioneers in Criminology*; R. G. Andry, *Delinquency and Parental Pathology*; M. E. Wolfgang, *Patterns in Criminal Homicide*; M. E. Wolfgang (Ed.), *Studies in Homicide*; M. E. Wolfgang and F. Ferracuti, *The Subculture of Violence*; University of Cambridge, Institute of Criminology, *Psychopathic Offenders*; F. H. McClintock, *Crimes of Violence*; F. H. McClintock and E. Gibson, *Robbery in London*; Home Office Research Unit, *Studies of Female Offenders*; The Cambridge Department's Report on *Sexual Offences*; T. C. Willett, *The Criminal on the Road*; E. M. Schur, *Crimes Without Victims*; W. H. Hammond and E. Chayen, *Persistent Criminals*; D. J. West, *The Habitual Offender*; D. R. Cressey, *Theft of the Nation*; A. K. Cohen and Others, *The Sutherland Papers*; E. H. Sutherland, *White Collar Crime*; L. T. Wilkins, *Social Deviance*; H. Mannheim and L. T. Wilkins, *Prediction Methods in Relation to Borstal Training*; Report of the Departmental Committee on Criminal Statistics (Perks Committee) (Cmnd. 3448, 1967); L. Yablonsky, *The Violent Gang*; D. Matza, *Delinquency and Drift; Becoming Deviant*; T. Sellin, *Crime and Culture*; O. N. Larsen (Ed.), *Violence and the Mass Media*; M. B. Clinard, *Sociology of Deviant Behaviour*; S. Dinitz, R. R. Dynes and A. C. Clarke, *Deviance*; N. Walker, *Crimes, Courts and Figures*; M. Phillipson, *Sociological Aspects of Crime and Delinquency*; D. J. West, *Present Conduct and Future Delinquency; Who Becomes Delinquent; The Delinquent Way of Life*; L. Taylor, *Deviance and Society*; A. Keith Bottomley, *Decisions in the Penal Process*; D. Glaser (Ed.), *Handbook of Criminology*, 1974; L. Radzinowicz and J. King, *The Growth of Crime*; S. McCabe and F. Sutcliffe, *Defining Crime*; C. Smart, *Women, Crime and Criminology*.

LL221 Sentencing and Treatment of Offenders

Mr Hall Williams.

Also for Dip. Criminal Justice.

Syllabus The theory of punishment including a discussion of the aims of sentencers and the goals of penal administrators. Sentencing procedure and policy, the information available to the courts at the sentencing stage and the use they make of it. Pre-trial intervention, bail and remand in custody. The procedure relating to mentally disordered offenders. The history of the

penal system. The custodial system for adult offenders. The law relating to imprisonment. The type of institution, the classification of offenders. Different release procedures (remission, pardon and parole). After-care and community resources. The arrangements for dealing with special types of offender (e.g. recidivists, mentally disordered offenders, females). The non-custodial arrangements for dealing with offenders, including probation, suspended sentence, conditional and absolute discharge, bind-overs, fines, compensation and restitution, community service. Problems of dealing with young offenders: (a) over seventeen, including Borstal training, detention centres etc. (b) under seventeen; the juvenile court and the welfare services under the Children and Young Persons Act 1969.

Reference will be made throughout the course to the comparative aspects of sentencing and treatment of offenders, insofar as these may assist in the critical examination of the British penal system.

Recommended reading TEXTBOOKS: J. E. Hall Williams, *The English Penal System in Transition; Changing Prisons*; D. A. Thomas, *Principles of Sentencing*; N. Walker, *Sentencing in a Rational Society*; R. Cross, *The English Sentencing System*; H.M.S.O., *Prisons and the Prisoner; The Sentence of the Court*; D. J. West, *The Young Offender*; N. Walker, *Crime and Punishment in Britain*; R. Hood and R. Sparks, *Key Issues in Criminology*; J. Baldwin and A. K. Bottomley, *Criminal Justice: Selected Readings*.

FOR REFERENCE: P. W. Tappan, *Crime, Justice and Correction*; R. Korn and L. W. McCorkle, *Criminology and Penology*; Home Office Research Studies; Council of Europe, European Committee on Crime Problems publications; U.N. Reports of several international Congresses on the Prevention of Crime and the Treatment of Offenders; Law Commission of Canada reports; American Commissions of Inquiry, in particular the Peterson Commission on Criminal Justice Standards and Goals, 1973; Report of the Butler Committee on Mentally Abnormal Offenders, Cmnd. 6244, October 1975; Report of the Younger Committee on Young Adult Offenders, 1974 Home Office Green Paper, *Youth Custody and Supervision*; Report of the Working Party on Bail Procedures in Magistrates' Courts, 1974; Report of The Serota Committee on Sentences of Imprisonment, A Review of Maximum Penalties; H. Mannheim, *Comparative Criminology* (2 Vols.); N.

Johnston, L. Savitz, M. Wolfgang, *The Sociology of Punishment and Correction*; H. L. A. Hart, *Punishment and Responsibility*; J. Andenaes, *Punishment and Deterrence*; E. Zimring and G. J. Hawkins, *Deterrence*; M. Grunhut, *Penal Reform*; R. S. E. Hinde, *The British Penal System*; K. Devlin, *Sentencing Offenders in Magistrates' Courts*; L. W. Fox, *The English Prison and Borstal Systems*; H. Mannheim, *The Dilemma of Penal Reform*; B. Wootton, *Crime and the Criminal Law*; H. R. Rollin, *The Mentally Abnormal Offender and the Law*; J. F. S. King, *The Probation Service* (2nd edn.); J. A. F. Watson, *The Child and the Magistrate*; H. J. Klare, *Anatomy of Prison; People in Prison*; F. H. McClintock, *Attendance Centres*; A. Dunlop and S. McCabe, *Young Men in Detention*; A. V. S. de Reuck and R. Porter, *The Mentally Abnormal Offender*; G. Rose, *Schools for Young Offenders*; R. Hood, *Borstal Re-Assessed; Sentencing in Magistrates' Courts; Sentencing the Motoring Offender*; R. Hood (Ed.), *Crime, Criminology and Public Policy*; L. J. Blom-Cooper (Ed.), *Progress in Penal Reform*; S. McConville (Ed.), *The Use of Imprisonment*; T. C. N. Gibbens, *Psychiatric Studies of Borstal Lads*; J. Gunn et al, *Psychiatric Studies of Imprisonment*; D. Miller, *Growth to Freedom*; H. Klare (Ed.), *Changing Concepts of Crime and Its Treatment*; J. P. Conrad, *Crime and Its Correction*; E. Stockdale, *The Court and the Offender; Bedford Gaol*; T. Grygier, H. Jones, J. C. Spencer, *Criminology in Transition*; T. and P. Morris, *Pentonville*; D. Glaser, *The Effectiveness of A Prison and Parole System; Handbook of Criminology* 1974; M. Ancel, *Social Defence*; E. Green, *Judicial Attitudes in Sentencing*; J. Hogarth, *Sentencing as a Human Process*; J. Waller, *Men Released from Prison*; A. E. Bottoms and F. H. McClintock, *Criminals Coming of Age*; A. K. Bottomley, *Decisions in the Penal Process*; Martin Davies, *Prisoners in Society*; R. King and Elliott, *Albany*; House of Commons, Fifteenth Report from the Expenditure Committee, Session 1977-78 on *The Reduction of Pressure on the Prison System*.

LL222 Law of Management and Labour Relations

Professor Lord Wedderburn.
Sessional.

Syllabus This course is concerned primarily with English law as it affects the making of decisions at the place of work and the

context of labour relations in which those decisions are made.

Comparisons with other systems will be made, in general terms, wherever possible.

I. Structure of corporate enterprise. Control of management; and representation of various interests.

One-tier boards of directors in British law. Other managers. Two-tier arrangements in practice under other laws; and obligatory two-tier systems. Role of shareholders and employees; and the duties of management to act in the interests of the enterprise. Current legal and other problems in Britain for "Participation" by employees; the debate about "industrial democracy".

II. Management: its plans and disclosure of information. Management and labour relations. Recognition of trade unions. The rights of workers to engage in trade union activity. The role of state agencies and collective bargaining structure, e.g. the Advisory Conciliation and Arbitration Service. Legal requirements for "participation" by works councils etc.

III. Collective bargaining. Effect of the law upon collective agreements, and upon objectives of management and trade unions in bargaining. Legal enforceability of agreements; legal "extension" of agreements; legal machinery for arbitration and inquiry. Grievance procedures and the "peace obligation" for employer, trade union and worker. The place of "Labour Courts".

IV. Legal problems of managerial functions, industrial discipline and industrial conflict. Closed shops; trade unions organisation and administration. Members' rights in the trade union. The employer's rights against the union. Collective negotiation and the standard obligations of the employment relationship. Impact of law and practice affecting dismissal or discipline of workers. Law of industrial conflict affecting power of the parties in decision-making in the enterprise. State intervention in industrial conflict. Control of jobs and entry to the trade: effect of the law, for example, on the closed shop, rules of trade unions and employers' associations. Other legal control of decisions, e.g. racial or other discrimination.

V. The problems already described in the special context of the "multi-national" or international corporation.

Recommended reading O. Kahn-Freund, *Labour and the Law*; P. Davies and M. Freedland, *Labour Law, Text and Materials*, with 1980 Supplement; B. Hepple, P. O'Higgins and Lord Wedderburn of Charlton, *Labour: Relations, Statutes and*

Materials (and Companion supplement); P. Wallington, *Butterworth's Employment Law Handbook*; Employment Act 1980; R. Kidner, *Trade Union Law*; B. Weeks, M. Mellish, L. Dickens and J. Lloyd, *Industrial Relations and the Limits of Law*; *The Report of the Committee of Inquiry on Industrial Democracy* (Bullock Report) (Cmnd. 6706); *Industrial Democracy* (Cmnd. 7231); R. W. Rideout, *Principles of Labour Law*; L. C. B. Gower, *The Principles of Modern Company Law* (chaps. 1, 7, 9, 24, 25, 26); K. W. Wedderburn, *The Worker and the Law*; B. Hepple and P. O'Higgins, *Employment Law*; I. Smith and J. C. Wood, *Industrial Law*; *Report of the Royal Commission on Trade Unions and Employers' Associations, 1968* (Cmnd. 3623); Trade Union Immunities (Cmnd. 8128).

FURTHER READING OR REFERENCE:

A. Berle and G. Means, *The Modern Corporation and Private Property*; T. Hadden, *Company Law and Capitalism*; P. E. Gias, B. Napier and P. Wallington, *Labour Law Cases and Materials*; Commission of European Communities, "Employee Participation and Company Structure" (*Bulletin of European Communities*, Supplement 8/75); O. Kahn-Freund, "Industrial Democracy" (*Industrial Law Journal*, Vol. 6, June 1977); P. Davies and Lord Wedderburn, "The Land of Industrial Democracy" (*Industrial Law Journal*, Vol. 6, December 1977); S. Simitis, "Workers' Participation in the Enterprise" (*Modern Law Review*, January 1974, p. 1); P. L. Davies, "Employee Participation on Company Boards" (*Modern Law Review*, May 1974, p. 254); E.E.C. Employee Representation on Company Boards Bulletin Supplement 8/75; J. Elliott, *Conflict or Cooperation?*; Lord Wedderburn of Charlton, "Industrial Relations and the Courts" (*Industrial Law Journal*, Vol. 9, June 1980); E. Batstone, P. Borastone and E. Fraenkel, *Shop Stewards in Action*; K. W. Wedderburn, "Labour Law and Labour Relations in Britain" (*British Journal of Industrial Relations*, July 1972); K. W. Wedderburn and P. L. Davies, *Employment Grievances and Disputes Procedures in Britain*; R. Lewis, "Historical Development of Labour Law" (*British Journal of Industrial Relations*, March 1976); Lord Wedderburn of Charlton, "The New Structure of Labour Law in Britain" (*Israel Law Review*, October 1978); B. Aaron (Ed.), *Disputes Settlement Procedures in Five West European Countries*; Confederation of British Industry, *Responsibilities of the British Public Company*; H. A. Clegg, *The Changing*

System of Industrial Relations in Great Britain; *Research Papers for "Donovan"* Royal Commission, Nos. 1, 2(i), 2(ii), 5(i), 5(ii), 6; B. Hepple and P. O'Higgins, *Encyclopaedia of Labour Relations Law*; K. Coates, *The New Unionism*; R. Clark, D. Fatchett and B. C. Roberts, *Workers' Participation in Management in Britain*; E. Batstone and P. Davies, *Industrial Democracy: European Experience*; D. Marsden, "Industrial Democracy and Industrial Control in West Germany, France and Great Britain" (*Department of Employment Research Paper 4*, 1978); Folke Schmidt, *Law and Industrial Relations in Sweden*; Clerk and Lindsell on Torts (14th ed. and Supp.; 15th ed. forthcoming) Chapter 11; Commission on Industrial Relations, *Worker Participation and Collective Bargaining in Europe* (Study 4, 1974); B. Aaron and K. W. Wedderburn (Eds.), *Industrial Conflict: A Comparative Legal Survey*; Folke Schmidt (Ed.), *Discrimination in Employment*; C. Crouch, *Class Conflict and the Industrial Relations Crisis*; A. Flanders, "The Tradition of Voluntarism" (*British Journal of Industrial Relations*, November 1974); W. Däubler, "Codetermination: The German Experience" (*Industrial Law Journal*, December 1975, 218); L. Turner, *The Politics of the Multi-national Company*; K. W. Wedderburn, "Multinational Enterprise and National Labour Law" (*Industrial Law Journal*, March 1972).

Students should consult the latest editions of these books.

Further reading, including articles in journals, will be recommended in seminars on particular questions.

Note: This course is suitable *only* for students who have already studied British Labour Law.

LL223 Individual Employment Law

Mr Simpson and Dr Fulbrook.
Sessional.

Syllabus 1. The individual employment relationship: sources of rules; the significance of contract; contract and status; contract and remedies.
2. Definition and identification of the contract of employment.
3. Special groups of workers: labour only sub-contracting and self-employment; public employees and office holders.
4. Formation of the contract of employment.
5. Freedom of association and the right to work: managerial freedom; workers'

freedom of association—the right to organise; the closed shop.

6. Terms of employment: proof of terms; incorporation of collective terms; implied terms.

7. Remuneration: protective legislation—method of payment and deductions; guarantee payments.

8. Hours of work, holidays and time off.

9. Sex discrimination, equal pay and maternity rights; racial discrimination.

10. Disciplinary action.

11. Termination of employment: frustration; repudiation and common law remedies for wrongful dismissal—termination by notice; unfair dismissal—substantive and procedural requirements for a fair dismissal, and remedies for unfair dismissal: redundancy—compulsory consultation and redundancy pay.

12. Unemployment—social security benefits.

13. International perspective: international labour standards; international employment contracts.

14. Legal machinery: industrial tribunals—practice and procedure.

Recommended reading PRELIMINARY:

Rideout, *Principles of Labour Law* (Sweet and Maxwell); Wedderburn, *The Worker and the Law* (Penguin) (2nd edn.) 1971; Clegg, *The Changing System of Industrial Relations in Great Britain* (Blackwell) 1976.

REFERENCE: Dix, *Contract of Employment* (Butterworth) (5th edn.) 1976; Hepple and O'Higgins, *Encyclopaedia of Labour Law* (Sweet and Maxwell); *Labour Relations Statutes and Materials* (Sweet and Maxwell); Wedderburn, *Cases and Materials on Labour Law* (C.U.P.); Fridman, *Modern Law of Employment* (Stevens) 1972 edn.; Mansfield Cooper and Wood, *Outlines of Industrial Law* (Butterworths) 1972 edn.; Avins, *Employees' Misconduct* (Allanabad) 1968.

MAIN READING: Hepple and O'Higgins, *Employment Law* (Sweet and Maxwell); Kahn-Freund, *Labour and the Law* (2nd edn.) (Stevens) 1977; Davies and Freedland, *Labour Law: Text and Materials*, 1979; Anderman, *The Law of Unfair Dismissal* (Butterworths) 1978; McCarthy, *The Closed Shop in Britain* (Oxford); Hepple, *Race, Jobs and the Law in Britain* (Penguin); Grunfeld, *The Law of Redundancy* (Sweet and Maxwell); McCarthy and Ellis, *Effect of the Redundancy Payments Act* (H.M.S.O.) 1972; Wedderburn and Davies, *Employment Grievances and Disputes Procedures in Britain* (Berkeley) 1970; Freedland, *The Contract of Employment* (OUP) 1976; Jackson, *Unfair Dismissal* (CUP) 1975; Mesher, *Compensation for Unemployment*

(Sweet and Maxwell) 1976; Field, *Are Low Wages Inevitable?* (Spokesman Books) 1977; Hilton, *The Truck System 1960*; Micklewait, *The National Insurance Commissioners* (Sweet and Maxwell) 1976; A. I. Ogus and E. M. Barendt, *The Law of Social Security* (Butterworths) 1978; Calvert, *Social Security Law* (Sweet and Maxwell) 1978; Fullbrook, *Administrative Justice and the Unemployed* (Mansell) 1978; Whitesides and Hawker, *Industrial Tribunals* (Sweet and Maxwell) 1975; Weekes et al., *Industrial Relations and the Limits of Law* (Blackwell) 1975; Kahn-Freund, *Labour Law: Old Tradition and New Developments* (Clarke Irwin) 1968; Aikin and Reid, *Employment, Welfare and Safety at Work* (Penguin) 1971.

OTHER BOOKS AND ARTICLES: *Report of Committee of Inquiry into Labour in Building and Civil Engineering* (Phelps Brown) Cmnd. 3714; *Industrial Law and the Labour Only Sub-Contract*; G. de N. Clark (1967) 30 MLR 6; Street, *Report on anti-discrimination legislation* (P.E.P. 1967); Kahn-Freund, *The Tangle of the Truck Acts* (1949) 4 Ind. Law Rev. 2; Clark, *Remedies for Unjust Dismissal* (P.E.P. 1970); McCormick, *Redundancy Payments Act in the Practice of the Industrial Tribunals* (1970) 8 BJIR 334; Kahn-Freund, *Note on Contract and Status in British Labour Law* (1967) 30 MLR 635; Reid, *Women in Employment: The New Legislation* (1976) 39 MLR 432; Fryer, *The Myths of the Redundancy Payments Act* (1973) 2 ILJ 1; Napier, *Judicial Attitudes towards the Employment Relationship—Some Recent Developments* (1977) 6 ILJ 1; Elias, *Unravelling the Concept of Dismissal* (1978) 7 ILJ 16 and 100; Atiyah, *Vicarious Liability in the Law of Torts* (1967).

Students are also reminded to refer to the *Industrial Law Journal* and the *British Journal of Industrial Relations*. Further reading including articles in journals will be recommended in seminars on particular questions.

Note Candidates intending to offer this option are advised that knowledge of at least one system of labour law or industrial relations is an advantage.

LL224 Human Rights (Seminar)

Sessional.

This course will not be available in 1981–82.

Syllabus 1. Historical, Political and Constitutional Background. (a) Historical

and political background; the emergence of the modern State and man's position in it; with particular regard to English and French writers since the Reformation, especially Hobbes, Locke and Rousseau.

(b) The protection of individual rights in the common law with special reference to the United Kingdom, the United States of America, recently independent and dependent territories of the United Kingdom (e.g. the Republic of Cyprus, Kenya and Mauritius).

II. Basic Principles. (a) Human rights and customary international law; the legal character of human rights; the influence of the United Nations Charter, the Universal Declaration of Human Rights 1948 and treaties on human rights.

(b) The principle of non-discrimination.

(c) The principle of self-determination.

(d) Grounds for limitation of the enjoyment and exercise of human rights; respect for the rights of others; respect for democracy.

III. Civil and Political Rights. Analysis and comparison of the relevant provisions of the Universal Declaration of Human Rights 1948, the European Convention on Human Rights and Fundamental Freedoms 1950 (including its Protocols) and the United Nations International Covenant on Civil and Political Rights 1966, with particular reference to: the right to life; to freedom from inhuman or degrading treatment; to freedom from slavery; to liberty and security of person; to fair trial (including the prohibition on *ex post facto* punishment); to privacy and freedom of communication; to freedom of thought, conscience and religion; to freedom of expression; to freedom of assembly and association; to freedom of movement.

IV. Economic, Social and Cultural Rights. Analysis and comparison of the provisions of the United Nations International Covenant on Economic, Social and Cultural Rights 1966 and relevant European treaties.

(a) The legal nature of the rights.

(b) The right to family life; to health; to education; to culture and the benefits of science; to own and hold property; to work (including rights relating to trade unions).

V. International Machinery for the Protection of Human Rights, with particular reference to the United Nations and its International Covenants, the International Labour Organization and the Council of Europe.

Recommended reading: G. H. Sabine, *History of Political Theory*; P. P. Remec, *The Position of the Individual in International Law according to Grotius and Vattel*; J. H. W. Verzijl, *Human Rights in*

Historical Perspective; M. Moskowitz, *The Politics and Dynamics of Human Rights, Human Rights and World Order*; M. Moskowitz, *International Concern with Human Rights*; I. Brownlie, *Basic Documents on Human Rights*; F. Castberg, *The European Human Rights Convention*; C. W. Jenks, *The Common Law of Mankind; Human Rights and International Labour Standards*; H. Lauterpacht, *International Law and Human Rights*; J. E. S. Fawcett, *The Application of the European Convention on Human Rights*; F. Jacobs, *The European Convention on Human Rights*; R. Cassin, *Amicorum Discipulorumque Liber* (Collection of Essays in English and French); A. H. Robertson, *Human Rights in National and International Law; Human Rights in Europe; Human Rights in the World*; A. Eide and A. Schou, *The International Protection of Human Rights*; E. Luard, *The International Protection of Human Rights*; E. Landy, *The Effectiveness of International Supervision*; J. Carey, *U.N. Protection of Civil and Political Rights*; M. Ganji, *International Protection of Human Rights*. Students should consult the latest editions of these books.

FURTHER READING AND REFERENCE
Decisions of the European Commission of Human Rights and of the Court of Human Rights; *Yearbook of the European Convention on Human Rights*; United Nations, *Yearbook of Human Rights*; Records of the United Nations Human Rights Commission and other United Nations organs. Periodicals such as the *Human Rights Journal*; *The Human Rights Review*; *The American Journal of International Law*; *American Journal of Comparative Law*; *The British Year Book of International Law*; Hague Academy, *Recueil des Cours*; *The International and Comparative Law Quarterly*; *Year Book of the United Nations*; *The Year Book of World Affairs*.

For information concerning seminars for the LL.M. degree and other graduate seminars in law, given at other Colleges of the University of London, students should consult either the Institute of Advanced Legal Studies, 17 Russell Square, London WC1B 5DR, or the Timetabling Office at the School.

OTHER GRADUATE COURSES IN LAW GIVEN AT THE SCHOOL

LL230 Problems of Civil Litigation (Seminar)

Sir Jack Jacob and Professor Zander. Fortnightly, Michaelmas and Lent Terms.

This seminar is supplementary to Course LL.209 (It is not a separate course). Current problems in civil litigation will be discussed.

LL231 Problems in Taxation (Seminar)

Professor Prest and Mr Avery-Jones. Fortnightly, Lent and Summer Terms.

For graduate students in the Law Department and M.Sc. Admission by permission.

Syllabus The seminar will discuss the legal accounting and economic aspects of various current problems in taxation. Subjects will be announced in advance.

LL232 Diploma in Criminal Justice (Class)

Mr Hall Williams. Fortnightly, Michaelmas and Lent Terms.

For Dip. Criminal Justice.

Philosophy, Logic and Scientific Method

Ph100 Introduction to Scientific Method

Professor Watkins. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr.; Soc. Psych., Soc., Maths. and Phil., Man. Sci., Phil. and Chem. 1st yr.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Syllabus Science and the problem of scepticism. Is there an aim of science that avoids this problem? What the aim of ever deeper deductive explanations involves. Why corroborations matter although they provide no inductive confirmation. The problem of the empirical basis.

Recommended reading K. R. Popper, *Conjectures and Refutations*, especially the introduction and chaps. 1, 2, 3, 5, 7, 8, 10, 11; *The Logic of Scientific Discovery*, especially chaps. 1-7, 10; *Objective Knowledge*, especially chap. 5; R. Carnap, *Philosophical Foundations of Physics*, especially Parts I and II; C. G. Hempel, *Philosophy of Natural Science*; *Aspects of Scientific Explanation*, chapter 1; T. S. Kuhn, *The Structure of Scientific Revolutions*; I. Lakatos and A. Musgrave (Eds.), *Criticism and the Growth of Knowledge*.

FURTHER READING: H. Poincaré, *Science and Hypothesis*; P. Duhem, *The Aim and Structure of Physical Theory*; E. Nagel, *The Structure of Science*, especially chapters 4, 5, 11 and 14; J. W. N. Watkins, "Metaphysics and the Advancement of Science" (*B.J.P.S.*, June 1975); J. Agassi, *Towards an Historiography of Science*; M. Polanyi, *Personal Knowledge*; Clark Glymour, *Theory and Evidence*.

Some useful anthologies are: H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*; M. Bunge (Ed.), *The Critical Approach*; A. J. Ayer (Ed.), *Logical Positivism*; P. A. Schilpp (Ed.), *The Philosophy of Rudolf Carnap*; P. A. Schilpp (Ed.), *The Philosophy of Karl Popper*; I. Lakatos (Ed.), *The Problem of Inductive Logic*; M. H. Foster and M. L. Martin (Eds.), *Probability, Confirmation, and Simplicity*.

Students should also see the recommended reading for Course Ph109.

Ph100(a) Introduction to Scientific Method Classes

Sessional, in conjunction with courses Ph100 and Ph102.

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Ph101 Scientific Method

Dr Urbach. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Syllabus Deductive and statistical explanations in science. Probabilistic theories of induction. What is a law of nature? The role of "simplicity" in comparing theories. The paradox of confirmation. The notion of "closeness to the truth". Testing Statistical Hypotheses.

Recommended reading Students are expected to have attended course Ph100 and to have completed the required reading for that course. C. G. Hempel, *Aspects of Scientific Explanation*, Chap. I(1) and Chap. III(10, 12); W. Salmon (Ed.), *Statistical Explanation and Statistical Relevance*, Chaps. 1 and 2; G. H. von Wright, *The Logical Problem of Induction*; G. Polya, *Induction and Analogy in Mathematics*, especially Vol. 2; I. Hacking, *Logic of Statistical Inference*; D. Gillies, *Objective Theory of Probability*.

Ph102 Introduction to Scientific Method: Social Science

Professor Watkins. Ten lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Anth. 2nd yr., Soc. Psych., Soc., Maths. and Phil., Man. Sci., Phil. and Chem. 1st yr.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Students are expected to have attended Course Ph100 Introduction to Scientific Method in preparation for this course. Attention is also drawn to Course Ph105.

Syllabus Can the social sciences be scientific? If so, will they be dehumanising? The (benign and malign) working of "the invisible hand". The Prisoners' Dilemma model and different kinds of feedback model for social set-ups. Problems of testing: Oedipus Effect, measurability.

Recommended reading K. R. Popper, *The Poverty of Historicism*; F. A. Hayek, *The Counter-revolution of Science*, Part I; P. Winch, *The Idea of a Social Science*; L. C. Robbins, *The Nature and Significance of*

Economic Science; M. Friedman, *Essays in Positive Economics*, chap. 1; F. Machlup, *Essays in Economic Semantics*; R. G. Collingwood, *The Idea of History*; Anatol Rapoport, *Two-Person Game Theory*; Thomas C. Schelling, *The Strategy of Conflict*.

ANTHOLOGIES AND READINGS: I. Lakatos and A. E. Musgrave (Eds.), *Problems in the Philosophy of Science* (pages 305-432), H. Feigl and M. Brodbeck (Eds.), *Readings in the Philosophy of Science*, Part 8; P. Gardiner (Ed.), *Theories of History*; M. Brodbeck (Ed.), *Readings in the Philosophy of the Social Sciences*; L. I. Krimerman (Ed.), *The Nature and Scope of Social Science*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*.

Ph103 Social Philosophy

Professor Gellner. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; Dip. Soc. Phil.; M.Sc. Soc. Phil.

Syllabus The problems of relativism and rationality. Devices used by belief systems to overcome relativism and vindicate their own authority. Theories about the place of values within belief systems, and various types of validation of values. Philosophical theories as social commentary and as legitimization of social orders. Interaction of intellectual and social factors in belief systems. One pre-industrial and several contemporary ideologies will be examined as specimens. Some pervasive ideological traits of industrial society.

Recommended reading F. Aron, *The Opium of the Intellectuals*; I. Berlin, *Four Essays on Liberty*; C. D. Broad, *Five Types of Ethical Theory*; N. Chomsky, *Language and Mind*; R. G. Collingwood, *An Autobiography*; M. J. Cowling, *Mill and Liberalism*; D. Emmet and A. MacIntyre (Eds.), *Sociological Theory and Philosophical Analysis*; E. Fromm, *Sigmund Freud's Mission*; I. Kant, *Groundwork of the Metaphysics of Morals*; E. Kedourie, *Nationalism*; T. S. Kuhn, *The Structure of Scientific Revolutions*; A. C. MacIntyre, *A Short History of Ethics*; J. S. Mill, *Utilitarianism*; R. E. Money-Kyrle, *Man's Picture of the World*; M. J. Oakeshott, *Rationalism in Politics and Other Essays*; J. P. Plamenatz, *The English Utilitarians*; J. H. Plumb (Ed.), *Crisis in the Humanities*; K. R. Popper, *The Open Society and Its Enemies*; W. G. Runciman, *Social Science and*

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Political Theory; R. M. Tucker, *Myth and Reality in Karl Marx*; C. H. Waddington et al., *Science and Ethics*; B. Wilson (Ed.), *Rationality*.

Ph103(a) Class

Ph104 Methodology of the Social Sciences

Dr Urbach. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Soc. Phil.

Syllabus Historicism. Different approaches to explanation in the social sciences. Functional explanation. The mind-body problem. The application of computer simulation in social sciences. Problems of prediction in the social sciences. Theory testing in psychology.

Recommended reading K. R. Popper, *The Poverty of Historicism*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; L. I. Krimerman (Ed.), *The Nature and Scope of Social Science*; John O'Neill (Ed.), *Modes of Individualism and Collectivism*; E. A. Feigenbaum and J. Feldman (Eds.), *Computers and Thought*; A. R. Anderson (Ed.), *Minds and Machines*; M. Apter, *The Computer Simulation of Behaviour*; S. Hook (Ed.), *Dimensions of Mind*.

Ph105 Philosophy of Economics

Mr Klappholz, Dr Perlman, Dr Urbach and Professor Watkins. Sixteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II 2nd yr.

Syllabus A philosophical examination of the idea of rational choice, both individual and collective. The historical development of theories of individual rationality. Rationality and uncertainty. Classical utilitarianism and the social interest. Collective choice and individual preferences. Individual rights and distributive justice.

Recommended reading L. C. Robbins, *The Nature and Significance of Economic Science*; H. A. Simon, *Models of Man*; J. Rawls, *A Theory of Justice*; A. K. Sen,

Collective Choice and Social Welfare; K. J. Arrow, *Social Choice and Individual Values*; R. D. Luce and H. Raiffa, *Games and Decisions*; M. Allais and O. Hagan (Eds.), *Expected Utility Hypotheses and the Allais Paradox*; Ward Edwards and Amos Tversky (Eds.), *Decision-Making*; R. E. Butts and J. Hintikka (Eds.), *Foundational Problems in the Special Sciences*, Vols. VII and VIII; John C. Harsanyi, *Rational Behaviour and Bargaining Equilibrium in Games and Social Situations*; F. Hahn and M. Hollis (Eds.), *Philosophy and Economic Theory*.

Ph106 History of Modern Philosophy, Bacon to Hume

Professor Watkins and Dr Urbach. Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus The main problems, theories and arguments of Bacon, Descartes, Spinoza, Locke, Leibniz, Berkeley and Hume considered against the rise of modern science.

Recommended reading TEXTS: F. Bacon, *Novum Organum* in J. Spedding, R. L. Ellis and D. D. Heath (Eds.), *The Works of Francis Bacon*; R. Descartes, *Philosophical Works*, E. Haldane and Ross (Eds.); P. J. Olscamp (Ed.), *Discourse on Methods, Optics, Geometry, and Meteorology*; R. Descartes, *Philosophical Letters* (trans. by Anthony Kenny); J. Locke, *Essay Concerning Human Understanding*; B. Spinoza, *Correspondence*, Wolf (Ed.) *Ethic*; G. W. Leibniz, *Monadology*; *Discourse on Metaphysics and Correspondence with Arnauld*; *Selections* (Eds.) P. P. Weiner; G. Berkeley, *Works*, A. A. Luce and T. E. Jessop (Eds.), Vols. II, IV; D. Hume, *Enquiries; Treatise*; especially Book I, Parts iii and iv, Book II, Part iii and Book III, Part i.

COMMENTARIES: R. H. Popkin, *The History of Scepticism from Erasmus to Descartes*; M. Mandelbaum, *Philosophy, Science and Sense-Perception*; J. W. N. Watkins, *Hobbes's System of Ideas*, chaps. 3, 7, 8; A. Sesonke and N. Fleming (Eds.), *Meta-Meditations: Studies in Descartes*; S. Hampshire, *Spinoza*; C. B. Martin and D. M. Armstrong (Eds.), *Locke and Berkeley*; B. Russell, *The Philosophy of Leibniz*; V. C. Chappell (Ed.), *Hume*.

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Ph106(a) History of Modern Philosophy Class

Twenty-five meetings, Sessional.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Ph107 Kant

Dr Zahar. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Recommended reading I. Kant, *Prolegomena*; S. Körner, *Kant*; P. F. Strawson, *The Bounds of Sense*.

Ph107(a) Class

Ph108 History of Epistemology after Kant

Dr Zahar. Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Soc. Phil.; M.Sc. Logic and Sci. Meth.; Dip. Soc. Phil.; Dip. Logic and Sci. Meth.

Syllabus Problems of demarcation: analytic versus synthetic, science versus non-science. Euclidean geometry and the problem of synthetic *a priori* truth. The epistemological status of scientific laws. Positivism and conventionalism (Mach, Duhem, Poincaré). Conservation principles.

Recommended reading E. Mach, *Popular Scientific Lectures*; H. Poincaré, *Science and Hypothesis*; P. Duhem, *Aim and Structure of Physical Theory*; E. Myerson, *Identity and Reality*.

Ph109 The Rise of Modern Science

Dr Zahar. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Syllabus (1) The scientific revolution which

started with Copernicus and culminated with Newton; (2) The development of mathematics during this period, particularly, the discovery of the calculus; (3) The philosophical aftermath of the emergence of Newtonian science, in particular Kant's, Mach's and Poincaré's respective appraisals of Newtonian dynamics.

Recommended reading ESSENTIAL READING: G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*.
FURTHER READING: I. B. Cohen, *The Birth of a New Physics*; T. S. Kuhn, *The Copernican Revolution*; D. Brewster, *Memoirs of Sir Isaac Newton*; A. I. Sabra, *Theories of Light from Descartes to Newton*; R. Palter (Ed.), *The Annus Mirabilis of Sir Isaac Newton, 1666*; A. Koyré, *Newtonian Studies; From the Closed World to the Infinite Universe*; E. A. Burtt, *The Metaphysical Foundations of Modern Physical Science*; A. Einstein and L. Infeld, *The Evolution of Physics*; H. Butterfield, *The Origins of Modern Science*; M. Caspar, *Kepler*; A. Koestler, *The Sleepwalkers*; S. Toulmin and J. Goodfield, *The Fabric of the Heavens; The Architecture of Matter; The Discovery of Time*; C. Boyer, *The Concept of the Calculus*; S. Drake (Ed.), *Discoveries and Opinions of Galileo*; Galileo, *Dialogue Concerning the Two Chief World Systems*; E. Meyerson, *Identity and Reality*; O. Toeplitz, *The Calculus*; C. Howson, *Method and Appraisal in the Physical Sciences*.

Ph109(a) The Rise of Modern Science Class

Dr Zahar. Twenty classes, Michaelmas and Lent Terms.

Ph110 Fundamental Ideas in Classical and Relativistic Physics

Dr Zahar. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 2nd or 3rd yrs.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.
Syllabus Basic notions of Newtonian Mechanics. Mass, Momentum, Energy. Conservation Laws. D'Alembert's Principle. Lagrange's and Hamilton's equations. Space and Time in Classical Physics. Maxwell's and Lorentz's Electromagnetic Theory. Einstein's Special Theory of Relativity. Role

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of Positivism in Science. Mach's problem and the genesis of General Relativity. Applied non-Euclidean geometry.

Essential reading C. Howson, *Method and Appraisal in the Physical Sciences*.

Recommended reading A. Einstein and L. Infeld, *Evolution of Physics*; E. Mach, *The Science of Mechanics*; A. Einstein, *Relativity: A Popular Approach*; M. Born, *Einstein's Theory of Relativity*; G. Holton and D. H. D. Roller, *Foundations of Modern Physical Science*.

Ph111 Probability and Induction

Dr Howson. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus The problem of Induction and attempts to solve it with the help of probability theory from Bernoulli to Carnap. **Recommended reading** will be given during the course.

Ph112 Introduction to Logic

Dr Worrall. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Soc. Psych., Soc.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus The main problem of logic: which inferences or deductions are 'correct' or valid? The related problems of which sets of assumptions are consistent and of which sentences are logically true ('true in all possible worlds').

Truth-functional logic: a restricted system in which many intuitive inferences can be formally expressed and a decision about their validity arrived at via a finite decision procedure.

First order predicate logic: a system in which the overwhelming majority of inferences both from ordinary discourse and from mathematics and science are adequately representable; rules of proof for first order logic and proofs of validity; the method of interpretation: invalidity of inference, consistency and independence; first order logical truth and falsity.

A brief account of some problems in the foundations of logic including the 'paradoxes' of set theory and of truth. Logic and the foundations of mathematics: the

power of, and limitations on the axiomatic method; completeness, incompleteness and undecidability.

Recommended reading E. J. Lemmon, *Beginning Logic*; E. Nagel and J. R. Newman, *Gödel's Proof*; B. Mates, *Elementary Logic*; R. Smullyan, *What's the Name of this Book?*; P. Suppes, *Introduction to Logic*.

Ph112(a) Classes Sessional.

Ph113 Logic

Dr Howson. Five lectures, Summer Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus The completeness theorem for first order logic, and some corollaries.

Recommended reading will be indicated during the course.

Ph113(a) Classes Sessional.

Ph114 Introduction to Mathematical Logic

Dr Howson. Twenty lectures, Michaelmas and Lent Terms.
For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths and Phil., Phil. and Chem. 1st yr.

Ph114(a) Classes Sessional.

Ph115 Mathematical Logic: Incompleteness and Undecidability

Dr Howson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Syllabus Incompleteness and Undecidability, results for first order logic. The notion of an algorithm and the various equivalent mathematical characterisations. Elements of recursive function theory.

Recommended reading E. Mendelson, *Introduction to Mathematical Logic*, Chap. 3 and 5; Bell and Machover, *A Course in*

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Mathematical Logic, Chap. 6 and 7; M. Davis, *Computability and Unsolvability*; Hartley Rogers Jr., *Theories of Recursive Functions and Effective Computability*.

Ph115(a) Mathematical Logic: Incompleteness and Undecidability Class

Lecturer to be announced.

Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Maths. and Phil., Chem. and Phil.

Ph116 Philosophy of Mathematics

Dr Worrall. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Phil. and Chem.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.

Syllabus The idea of a foundation for mathematics in set theory; the work of Frege, Dedekind and Cantor. The paradoxes of Russell, Cantor and Burali-Forti. The formation of three principal schools: Russell's, Hilbert's and Brouwer's. The decline of Russell's programme for the reduction of mathematics to logic. Hilbert's programme as a positive challenge to Brouwer's intuitionism and the concept of finitary mathematics. Gödel's incompleteness theorems and their effects on Hilbert's programme. Some problems in the foundations of logic. Is set theory logic? Are intuitionism and quantum logic serious rivals to classical logic?

Recommended reading G. Polya, *Mathematics and Plausible Reasoning; Mathematical Discovery*; I. Lakatos, *Proofs and Refutations: The Logic of Mathematical Discovery*, 1976; S. Körner, *Introduction to the Philosophy of Mathematics*; H. Putnam and P. Benacerraf (Eds.), *Philosophy of Mathematics—Selected Readings*; I. Lakatos (Ed.), *Problems in the Philosophy of Mathematics*; J. Hintikka (Ed.), *Philosophy of Mathematics*; J. van Heijenoort (Ed.), *From Frege to Gödel*; A. Fraenkel, Y. Bar-Hillel and A. Levy, *The Foundations of Set Theory*; I. Lakatos, *Mathematics, Science and Epistemology*, (Philosophical Papers Vol. 2); G. Frege, *The Foundations of Arithmetic; The Basic Laws of Arithmetic*; M. Dummett, *Frege; Elements of Intuitionism*; H. Putnam, *Mathematics, Method and Matter* (Philosophical Papers Vol. 1).

SEMINARS

Ph120 Philosophy and Scientific Method

All members of the department.

Sessional.

For M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth. and other graduate students. Attendance by permission of Professor Watkins.

Ph121 Social Philosophy: Patterns of History

Professor Gellner, Dr Mann and Dr Hall. Sessional.

For M.Sc. Soc. Phil.; Dip. Soc. Phil. and other graduate students.

Ph122 Scientific Method and Epistemology

Dr Urbach and Dr Howson.

Michaelmas and Lent Terms.

For M.Sc. Logic and Sci. Meth.; Dip. Logic and Sci. Meth.

Ph123 History and Philosophy of Science and Mathematics

Dr Zahar and Dr Howson.

Michaelmas and Lent Terms.

For M.Sc.; Dip. Logic and Sci. Meth.

Ph124 Philosophy of the Social Sciences

Professor Watkins, Dr Urbach, Dr Perlman and Mr Klappholz.

Twenty seminars, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.

Students are expected to have attended Course Ph102 Introduction to Scientific Method: Social Science.

Ph125 Epistemology and Metaphysics

Professor Watkins and Dr Zahar. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main

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fields Maths. and Phil., Phil. and Chem.; Dip. Logic and Sci. Meth.; Dip. Soc. Phil.; M.Sc. Logic and Sci. Meth.; M.Sc. Soc. Phil.

Ph126 Logic and Scientific Method

Lecturer to be announced. Twenty meetings, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths. and Phil., Phil. and Chem.

Ph127 Logic and Scientific Method

Lecturer to be announced.

Sessional.

For Dip. Logic and Sci. Meth.; M.Sc. Logic and Sci. Meth.

Ph128 Philosophy of Mathematics

Dr Worrall. Ten seminars, Lent Term.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil.; Dip. Logic and Sci. Meth.; M.Sc. Logic and Sci. Meth.

Reference should also be made to the following course:

SM106 Games

Computing

See section for Statistical and Mathematical Sciences under "SM"

Population Studies

Pn100 Population, Economy and Society

Professor Wrigley. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u.

Syllabus The underlying theme of this course is the contrast between traditional and industrial societies in the interlinkage of their economic, social and demographic characteristics. The course will draw chiefly upon the west European experience over the last four centuries.

Recommended reading will be given during the course.

Pn100(a) Classes

Michaelmas and Lent Terms in connection with course Pn100.

Pn101 Demographic Description and Analysis

Mr Wilson and Mr Dyson. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; Dip. Stats.

Syllabus Sources of information about population; current and cohort methods of description and analysis; the construction of lifetables; measurement of fertility, mortality and nuptiality; the determinants of age structure and the intrinsic growth rate; survey data; the interpretation of population statistics; tests of consistency and reliability.

Recommended reading will be given during the course.

Pn101(a) Classes

Pn102 The Population History of England

Professor Wrigley. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus Available sources and their

exploitation. The phasing of growth; relative importance of fertility, mortality and net migration changes in determining growth rates. Secular and short-term economic and demographic trends. English family structure and marriage behaviour. Fertility and mortality in the industrial revolution; family and kin during the period of rapid urban and industrial growth; the cities, public health and mortality. The decay of the traditional system of social regulation of fertility; the control of fertility within marriage; the special features of the demographic transition in England. **Recommended reading** will be given during the course.

Pn102(a) Classes

Pn103 The Demographic Transition and the Western World Today

Mr Wilson. Twenty lectures, Lent Term.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The acceleration of population growth in the eighteenth and nineteenth centuries, the mechanism of growth and the changes in economy and society which accompanied it. The course and characteristics of falling mortality. The control of fertility within marriage; fertility control as diffusion or innovation; revisions made necessary by micro-level studies. The degree of homogeneity within European experience; the special case of France. The limits of mortality decline. Post-transition fertility behaviour; changes in the form and function of marriage. The modern determinants of short and long-term trends in fertility, nuptiality and mortality; age structure, dependency and social service provision.

Recommended reading will be given during the course.

Pn103(a) Classes

Pn104 Third World Demography

Mr Dyson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus Sources of data and approaches to them. Distribution and growth of population in developing countries and their demographic characteristics. Causes and concomitants of fertility differentials and trends: mortality, nuptiality, contraception, breast-feeding, education, economic motivation, urbanization, status of women. The mortality decline: nutrition and health. Demographic-economic interrelations: fertility, mortality, age structure, income level and distribution, social capital provision. Family planning programmes. Explanations of fertility decline.

Recommended reading R. H. Cassen, 'Population and Development. A Survey' in *World Development*, 1976; R. G. Ridker (Ed.), *Population and Development—the Search for Selective Interventions*; and the journal *Population and Development Review*.

Further references will be given during the course.

Pn104(a) Classes

Pn105 Migration

Mr Dyson, Mr M. J. Murphy and Mr Wilson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus The relevance of areal perspectives in demography. Integration of migration into models of population dynamics. Measurement problems both theoretical and empirical; gross and net flows; migration as a function of the size of the unit area studied. The influence of migration of the demographic characteristics of a population and vice-versa. Models of migration; 'push' and 'pull' factors; migration flows and individual and family life cycles; the economic and social correlates of migration; social and geographical mobility. Continuity of patterns in periods of rapid economic and social change; migration and the breakdown of traditional attitudes; internal migration and the city with special attention to the history of migration in Britain and in contemporary third world countries.

Recommended reading will be given during the course.

Pn105(a) Classes

Pn106 Family Composition, Kin and the Life Cycle

Mr M. J. Murphy, Mr Dyson and Mr Wilson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; M.Sc.

Syllabus Demographic description and analytic techniques for the study of families and households. The nature of demographic constraints upon family composition; features sensitive to change in demographic parameters; interplay of cultural, social and economic factors in influencing family composition. Distinctions between the conjugal family, and the household. The changing balance of dependants during the life cycle of the individual and the family; production and consumption over the life cycle; redistribution of resources within families and kin groups; questions of inheritance and treatment of the aged. Household projections.

Special attention will be paid to the patterns found in historical Europe and in contemporary societies, both developing and developed.

Recommended reading will be given during the course.

Pn106(a) Classes

Pn107 Mathematical and Statistical Demography

Mr M. J. Murphy. Thirteen two-hour lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp.; Dip. Stats.

Syllabus Life table analysis including continuous and multiple decrement tables. Stationary and stable population theory: continuous and matrix formulations. Methods for estimating demographic parameters in developed and developing countries. Population projections in theory and in practice. Cohort and period analysis, and associated computational methods for translation. Mathematical models of fertility, nuptiality, mortality and reproductivity.

Recommended reading will be given during the course.

Pn107(a) Classes

Pn150 Social and Economic Demography

Professor Wrigley. Ten lectures, Michaelmas Term.
For M.Sc.

Syllabus The socio-economic context and its relationship to the fertility, mortality and nuptiality characteristics of populations: contrasts between traditional and modern societies. Models of the inter-relationships between demographic, social and economic variables.

Recommended reading will be given during the course.

Pn151 The Analysis of Fertility and Mortality

Mr Wilson and Mr Dyson. Twenty lectures, Michaelmas Term.
For M.Sc.

Syllabus Measures of marital and overall fertility, nuptiality and replacement; intermediate fertility and variables and models of marriage and birth. The construction interpretation of life tables and other measures of mortality; logit life tables and the concepts of stationary and stable populations.

Recommended reading will be given during the course.

Pn151(a) Classes

Pn152 Population Dynamics and Projections

Professor Brass. Fifteen meetings, Lent and Summer Terms.
For M.Sc.

Syllabus Variations in the level and pattern of nuptiality, fertility and mortality. Population growth theory. Stable and quasi-stable population characteristics. The concepts of fertility measurement. The nature of mortality variation. Relations between fertility, mortality and age distribution. The influence of changing fertility and mortality on growth rates. Techniques of projection and the evaluation of their application.

Recommended reading will be given during the course.

Pn153 The Collection of Demographic Data

Mr Dyson. Ten lectures, Michaelmas Term.
For M.Sc.

Syllabus The historical development of demographic statistics. The stages involved in planning a census. The content of census schedules. Basic response errors. The structure of census organization. Vital registration. Types of demographic sample survey. The World Fertility Survey programme.

Recommended reading will be given during course.

Pn153(a) Classes

Pn154 Demographic Sampling and Survey Design

Mr Dyson. Five lectures, Lent Term.
For M.Sc.

Syllabus Basic principles of scientific sampling and their application to demographic surveys. Questionnaire and sample survey design.

Recommended reading will be given during the course.

Pn154(a) Classes

Pn155 Indirect Demographic Estimation

Professor Brass. Twenty lectures, Lent Term.
For M.Sc.

Syllabus Estimation of mortality from reports of survivorship (of children, parents, first spouse) at censuses or surveys. The evaluation and adjustment of death registration data by growth-balance methods. Estimation of fertility from the comparison of cohort measures from census or surveys with time-period rates and from analyses by birth order. Reverse survivor methods. Uses of mortality and fertility models.

Recommended reading will be given during the course.

Pn155(a) Classes

Pn156 The Detection and Reduction of Errors in Demographic Data

Mr Dyson. Ten lectures, Lent Term.
For M.Sc.

Syllabus Detection of age errors in census data. Models of fertility and mortality. The graduation of age/sex distributions. Estimating mortality from intercensal survivorship; forward and reverse survival. The use of stable and quasi-stable population models.

Recommended reading N. Carrier and J. Hobcraft, *Demographic Estimation for Developing Societies*.

Further reading will be given during the course.

Pn156(a) Classes

Pn157 Evaluation of Family Planning Programmes

Mr Dyson. Five lectures, Summer Term.
For M.Sc.

Syllabus The concept of evaluation and its relation to theories of the determinants of fertility. Data problems. Methods of evaluation: standardization, fertility trend analysis, cost-benefit analysis, computation of births averted, experimental design, other analytic methods. Monitoring approaches: record keeping and in-depth studies. Assessment of the success of family planning programmes.

Recommended reading will be given during the course.

Pn157(a) Classes

Pn158 Sources and Techniques of Historical Demography

Professor Wrigley. Five lectures, Summer Term.
For M.Sc.

Syllabus The nature of historical source material: problems of coverage and bias. Opportunities and problems presented by the data. Aggregative and nominal techniques of tabulation and analysis.
Recommended reading will be given during the course.

Pn158(a) Classes

Pn159 Computing for Demographers (Class)

Mr Wilson. Ten classes, Lent Term.
For M.Sc.

Pn160 Social Demography (Graduate Class)

Mr Langford. Fifteen 1½ hour classes on topics arising from Pn150, Summer Term.

Pn161 Fertility and Mortality in their Socio-Economic Context (Seminar)

Arranged by Professor Wrigley. Twenty 1½ hour meetings, Michaelmas and Lent Terms.
For M.Sc.

Syllabus Trends and patterns of mortality, nuptiality and fertility in both western and non-western societies.

Psychology

Ps100 Introduction to Individual and Social Psychology

Dr Gaskell, Dr Stockdale and Mr Holmes. Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Soc. Psych., Maths., Stats., Comp., Act. Sci., Man. Sci. 1st yr., Geog., Soc., Soc. Anth.; B.Sc. S.S. and A. 2nd and 3rd yrs.; Dip. Soc. Admin.

Syllabus The ways in which the individual orients himself in the world; the processes of socialisation through social learning and identification: familial and social influences. The development of individual differences in ability: the meaning and measurement of intelligence. Definitions and dynamics of personality. Attitudes and opinions. Social interaction in groups: conformity, obedience, interpersonal communication.

Recommended reading R. Brown and R. J. Herrnstein. *Psychology*; R. Brown. *Social Psychology*; D. Wright *et al*, *Introducing Psychology: an Experimental approach*; B. Foss (Ed.), *New Horizons in Psychology*, Vol. 1; P. Dodwell (Ed.), *New Horizons in Psychology*, Vol. II; H. Tajfel and C. Fraser, *Introducing Social Psychology*.

Ps100(a) Introduction to Individual and Social Psychology (Classes)

Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr.

Ps100(b) Introduction to Psychology (Classes)

Sessional.

For B.Sc. (Econ.) Part I and Part II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci., Man. Sci., Soc., Soc. Anth.

Ps101 Psychoanalytic Theories and their Derivatives

Dr Hildebrand. Six lectures, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 1st yr. Optional for B.Sc. S.S. and A. 3rd yr.; Dip. Soc. Pol. and Admin. I.

Ps103 Developmental and Biological Aspects of Behaviour

For B.Sc. c.u. main field Soc. Psych. 1st yr. and other interested students.

(i) Developmental Psychology

Dr McShane. Fifteen lectures, Michaelmas and Lent Terms.

Syllabus Cognitive, linguistic and social development in infancy and early childhood. **Introductory reading** M. Donaldson, *Children's Minds*; K. Danziger, *Socialization*.

(ii) Physiological Psychology

Dr Green. Twelve lectures, Michaelmas and Lent Terms.

Syllabus Psychobiology; structure and function of the nervous system, including sense organs, physiological aspects of arousal, motivation and emotion; genetics; hormones, drugs and behaviour.

Ps103(i)(a) Developmental Psychology (Classes)

Fortnightly, Michaelmas and Lent Terms.

Ps105 Methods of Psychological Research I: General and Statistical

Dr Stockdale and Dr Seaborne.

Twenty-three Laboratory sessions, Sessional.

For B.Sc. c.u. main field Soc. Psych. 1st yr. **Syllabus** Introduction to experimental design and research methods in relation to the design and conduct of laboratory and field studies of learning, memory, thinking, perception and social behaviour. Testing, measurement and scaling in psychological assessment of attitudes, personality and intelligence. The experiments will be related to topics discussed in course Ps100.

Recommended reading will be given during the course.

Ps106 Personality and Social Behaviour

Mr A. D. Jones and Dr A. P. Sealy. Twenty-eight lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. Psych. 2nd yr. and other interested students.

Syllabus Personality processes; individual

differences; the study of response to extreme situations; the recognition of, and coping with, threat. Self-concept and personal adjustment. The nature of abnormal behaviour and its diagnosis. Classical diagnostic classifications; models of mental illness and their significance of treatment; major methods of psychotherapy, including behaviour modification, psycho-pharmacology, individual and group psychotherapy. Psychoanalysis, its context, methods and varieties. Empirical bases of psychoanalysis. The social psychological bases of social phenomena and social behaviour. The part played by attitudes, elementary group processes, roles and individual identity in human action. Interpersonal relationships in society and the perceptual and motivational processes underlying them. Problems involved in studying social psychological processes within a scientific framework. Dyadic interaction and exchange theory. Social change and the human life cycle. **Recommended reading** will be given during the course.

Ps106(a) Personality and Social Behaviour (Classes)

Sessional.

Note Students taking Course Ps106 are also expected to attend Course Ps113.

Ps108 Methods of Psychological Research II: Social and Statistical

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; Dip. Soc. Psych. and other interested students.

(i) Methods of Psychological Research

Dr Gaskell and Dr A. P. Sealy. Fifteen lectures, Michaelmas and Lent Terms.

(ii) Laboratory Sessions

Dr Gaskell and Dr A. P. Sealy. Twenty-four meetings, Sessional. **Syllabus** Assumptions underlying social and psychological experimentation and research.

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Problems of measurement and the assessment of individual differences, in particular attitude scaling, personality questionnaires, projective techniques and repertory grids. Practical experience in the conducting of psychological experiments in the areas of cognitive and social psychology. Training in observational methods and interviewing.

(iii) Psychological Statistics

Dr Stockdale. Sessional.

Syllabus Parametric and non-parametric techniques of data analysis.

(iii) (a) Psychological Statistics (Classes)

Sessional.

Ps109 Cognitive Psychology

Dr Seaborne and Dr McShane. Sessional.

For B.Sc. c.u. main field Soc. Psych. 2nd yr. and other interested students.

Syllabus This unit is intended to build on the cognitive aspects of the first year units. Introduction to Individual and Social Psychology and Developmental and Biological Aspects of Behaviour. The course will cover some aspects of learning, especially attention models, theories of social learning and cognitive and other models of behaviour modification. It will also be concerned with perceptual processes including perceptual learning, organisation and retrieval from long-term memory and semantic memory models and with conceptual processes such as problem solving, creativity, imagery and basic psycholinguistics.

Ps109(a) Classes

Sessional.

Ps113 Abnormal Psychology

Dr Trauer. Eight lectures, Lent Term.

For B.Sc. c.u. main field Soc. Psych. 2nd yr.; Optional for M.Sc.; B.Sc. S.S. and A. 3rd yr.; Dip. Soc. Pol. and Admin. I.

Syllabus Aspects of abnormal psychology; classification; aetiology, treatments, theories of mental illness.

Ps115 Advanced Study of Psychological Processes
Members of the Department.
Sessional.

For B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych. Optional for M.Sc.
Syllabus The general emphasis will be on cognitive social processes: aspects of information processing; decision analysis; person perception and attribution theory; cognitive structure and its development; theoretical and methodological aspects of attitude measurement and change.

Ps115(a) Classes
Weekly, Michaelmas and Lent
Terms.

Ps116 Social Change and Social Organisations

Members of the Department.
For B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych. Optional for M.Sc.
Syllabus The focus of the course will be on social change and related mechanisms at individual, group and societal level: theories of role, self, norms; processes of social influence and change; equity and exchange theory; selected aspects of life cycle changes and sex differences; intergroup processes. The study of organisations and their response to change.

Ps116(a) Classes
Sessional.

Ps118 Child Development

Dr McShane. Sessional.
For B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych.; M.Sc.
Syllabus Advanced study of the theories and research that focus on the processes of cognitive, linguistic and social development.

Ps119 Personality and Motivation (Seminar)

Dr A. P. Sealy. Sessional.
For B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych.
Syllabus An analysis of the relationships between personality and psychopathology,

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especially schizophrenia and deviance. Self theory. Psychoanalytic and other theories of affect. Multivariate approaches to personality assessment. Self-concept and alienation.

Recommended reading B. Maher, *Principles of Psychopathology*; J. Wiggins *et al*, *The Psychology of Personality*; M. Arnold, *Emotion and Personality*; R. B. Cattell (Ed.), *Handbook of Multi-variate Experimental Research*.

Ps120 The Role of Broadcasting

Professor Himmelweit. Five lectures, Michaelmas Term.
For B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych.; M.Sc. and other interested students.

Note B.Sc. c.u. main field Soc. Psych. third-year students must attend Course Ps152(ii) and may also attend Courses Ps150, Ps156, Ps159, Ps160 and Ps161.

ADVANCED COURSES
Not all courses will be available every year.

Ps150 Communication and Attitude Change (Seminar)

Professor Himmelweit. Sessional.
For M.Sc. and other graduate students;
B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych.

Note Students taking this course will attend Ps120 The Role of Broadcasting.

Child Development and Socialisation (Seminar)

Students are referred to Course Ps118.
For M.Sc. and other graduate students.

Ps152 Social Psychological Methods of Research

(i) **Survey Methodology and Experimental Design**
Dr Oppenheim and Dr Gaskell.
Michaelmas and Lent Terms.
For M.Sc. and other graduate students.

(ii) **Advanced Data Analysis**
Dr Gaskell and Dr Stockdale.
Michaelmas and Lent Terms.
For B.Sc. c.u. main field Soc. Psych.; M.Sc. and other graduate students.
All students are expected to take the short Fortran Course offered by the Computer Unit.

Ps153 Social Psychology of Organizations. The Nature and Derivation of the Social Formal (Seminar)

Mr R. Holmes. Sessional.
For M.Sc. and other graduate students.

Ps154 Personality (Seminar)

Dr A. P. Sealy. Sessional.
For M.Sc. and other graduate students.
Syllabus Individual differences and dynamic approaches to the study of personality; cognitive theories; stress and coping mechanisms; self theories; problems of assessment and change in personality. The concept of alienation; its relation to deviance and mental illness. Before joining this course it is suggested that students should be well acquainted with the following or their equivalents: L. Janis, R. Holt, I. Kagan and G. F. Mahl, *Personality*; S. Maddi, *Personality Theories*; E. Borgatta and W. Lambert, *Handbook of Personality Theory and Research*, chaps. 7, 10, 12, 20 and 21.

Ps155 Groups and Group Functioning (Seminar)

Michaelmas and Lent Terms.
For M.Sc. and other graduate students;
B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych.

Ps156 Social Psychology of Conflict (Seminar)

Dr Oppenheim. Sessional.
For M.Sc. and other graduate students;
B.Sc. c.u. main field Soc. Psych. 3rd yr.;
Dip. Soc. Psych.

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Ps157 Interpersonal Behaviour (Seminar)

Mr A. D. Jones. Sessional.
For M.Sc.; Dip. Soc. Psych. and other graduate students.

Ps158 Industrial Psychology

Mr R. Holmes. Thirteen lectures and classes, Lent and Summer Terms.
For M.Sc.
Syllabus Individual maturation and maladjustment. Factors leading to the formation of industrial groups. Morale and individual breakdown; co-operative and competitive situations, resistance to change. The nature of incentives. Supervisory and other leadership. Psychological and organizational factors in communication. Reading will be recommended during the course.

Ps159 The Psychological Study of Social Issues (Seminar)

Dr Oppenheim, Professor Himmelweit and Dr A. P. Sealy.
Michaelmas and Lent Terms.
For M.Sc.; Dip. Soc. Psych. and other graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.
Syllabus The examination of the application of social psychology to such areas as education, deviance, social medicine, political behaviour, the mass media, legal procedure, etc. The particular areas to be examined will depend on staff and student interest.

Ps160 Language, Thought and Communication (Seminar)

Sessional.
For M.Sc. and other graduate students;
B.Sc. c.u. main field Soc. Psych. 3rd yr.
Syllabus *Theories about the relation of language and thought.* (1) Philosophical theories and the search for the Ideal Language. (2) Whorf: linguistic and social systems; cultural relativism. (3) Bernstein: class and code. (4) Chomsky and universalism. *Experimental and observational studies.* Comprehension and context: the role of what is not said. Implications for the use of language in social research. Studies of the influence of language

on thought and perception. Influence of social variables. Hesitation, slips and speech production.

Ps161 Psychology (Seminar)

Professor Himmelweit and others.

Fortnightly, Sessional.

For all graduate students; B.Sc. c.u. main field Soc. Psych. 3rd yr.

Papers will be presented by members of staff and outside speakers.

Ps162 Current Research in Social Psychology (Seminar)

Fortnightly, Sessional.

For staff and graduates.

Ps163 The Mass Media and the Public Interest

Professor Himmelweit. Fortnightly.

Lent and Summer Terms.

Optional for M.Sc. and other graduate students.

Psychology graduates are expected to attend Course SM268 and are also referred to Courses Ps113, Ps115, Ps116 and Ps120.

Social Science and Administration

SA100 Introduction to Social Policy

Professor Abel-Smith. Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. S.S. and A. 1st yr.; B.Sc. c.u.; Optional for Dip. Soc. Pol. and Admin. Option I and II.

Syllabus Ideas about social policy: the contribution of social and political theorists and economists; debates about the appropriate scale and nature of government interventions; the changing and conflicting definitions of citizenship, freedom and distributive justice; the social division of welfare.

The course examines how certain social and economic needs of individuals and groups are identified; how policies are formulated; and how government bodies sometimes change their structure in response to these perceived needs; how policies are administered, and revised in response to changing circumstances; the impact of interest groups and changing technology; the debate about planning, resources, and manpower. These topics will be illustrated by reference to selected pieces of social legislation in the fields of health, housing, social security, education, the personal social services and employment. The main focus will be on Great Britain, but comparative material from other societies will also be used.

Recommended reading T. H. Marshall, *Social Policy*; W. A. Robson, *Welfare State and Welfare Society*; K. G. Banting, *Poverty, Politics and Policy*; J. R. Hay, *The Origins of the Liberal Welfare Reforms 1906-1914*; G. Dangerfield, *The Strange Death of Liberal England*; M. Hill, *The State, the Administration and the Individual*; P. Self, *Administrative Theories and Politics*; R. G. S. Brown, *The Administrative Process in Britain*; R. Mishra, *Society and Social Policy*; I. Gough, *The Political Economy of the Welfare State*; M. Rein, *Social Science and Public Policy*; P. Hall *et al*, *Change, Choice and Conflict in Social Policy*; G. Room, *The Sociology of Welfare*; J. Parker, *Social Policy and Citizenship*; A. Seldon, *Overruled on Welfare*; J. Harris, *Unemployment and Politics*; P. Townsend, *Poverty in the United Kingdom*; R. M. Titmuss, *Essays on the Welfare State*; *Social Policy: An Introduction*.

SA100(a) Introduction to Social Policy (Classes)

For B.Sc. (Econ.) Parts I and II.

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SA101 Social Policy from the Industrial Revolution to the Second World War

Dr J. E. Lewis. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr. Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus An outline of changes in English social structure, policy and institutions between the industrial revolution and the second world war.

Recommended reading E. J. Hobsbawm, *Industry and Empire*; E. P. Thompson, *The Making of the English Working Class*; M. E. Rose, *The English Poor Law 1780-1930*; D. Fraser (Ed.), *The New Poor Law in the Nineteenth Century*; D. Roberts, *Victorian Origins of the British Welfare State*; H. Parris, *Constitutional Bureaucracy*; Gillian Sutherland (Ed.), *Studies in the Growth of Nineteenth Century Government*; J. Burrow, *Evolution and Society: A Study in Victorian Social Theory*; G. Stedman Jones, *Outcast London*; J. Harris, *William Beveridge: a biography*; J. R. Hay, *The Origins of the Liberal Welfare Reforms 1906-1914*; B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; *British Social Policy 1914-1939*; D. Winch, *Economics and Policy: A Historical Study*; R. Skidelsky, *Politicians and the Slump*; P. Addison, *The Road to 1945*.

SA101(a) Social Policy from the Industrial Revolution to the Second World War (Classes)

Miss Sainsbury and Dr J. E. Lewis. Sessional.

For B.Sc. S.S. and A. 1st yr.

SA102 Social Policy

Mr Carrier, Mr Reddin, Professor Pinker and Dr M. Brown. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

Syllabus The boundaries of social policy. Philosophical ideas underlying choices in social policy; key debates in the literature; 'models' of welfare. These lectures will centre on social policy in Britain and other industrialised countries examined from the

perspectives of different social science disciplines.

Recommended reading R. M. Titmuss, *Problems of Social Policy; The Gift Relationship; Social Policy: An Introduction*; R. A. Pinker, *Social Theory and Social Policy; The Idea of Welfare*; P. Hall *et al*, *Change, Choice and Conflict in Social Policy*; M. Hill, *The State, Administration and the Individual*; W. A. Robson, *The Welfare State and Welfare Society*; J. R. Hay, *The Origins of the Liberal Welfare Reforms, 1906-1914*; H. Glennerster, *Social Service Budgets and Social Policy*; J. Rawls, *A Theory of Justice*; W. G. Runciman, *Relative Deprivation and Social Justice*; D. Miller, *Social Justice*; R. Mishra, *Theoretical Perspectives on Welfare*; Graham Room, *The Sociology of Welfare*; Ian Gough, *The Political Economy of the Welfare State*; R. Plant *et al.*, *Political Philosophy and Social Welfare*.

SA102(b) Social Policy (Classes)

Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 3rd yr.

SA103 Social Policy and Administration since the Second World War

Dr Levin and others. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. S.S. and A. 2nd yr.; Dip. Soc. Pol. and Admin. Options I and II; M.Sc.

Syllabus The main developments in the institutional and legal framework of social service provision since the Second World War, set in political and economic context of the period. A survey in greater detail of the main fields of social policy: income distribution, education, housing, medical care and the personal social services.

Introductory reading D. V. Donnison *et al*, *Social Policy and Administration Revisited*; D. Fraser, *The Evolution of the British Welfare State*; P. Hall, H. Land, R. Parker, A. Webb, *Change, Choice and Conflict in Social Policy*; J. Harris, *William Beveridge*; T. H. Marshall, *Social Policy*; R. M. Titmuss, *Essays on the Welfare State*; K. G. Banting, *Poverty, Politics and Policy*.

SA103(a) Social Administration (Classes)

Summer Term.
For B.Sc. S.S. and A. 1st yr.

SA103(b) Social Administration (Classes)

Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 2nd yr.

SA105 Contemporary Aspects of Social Work and Social Administration

Mr Rees and others. Ten lectures, Lent Term.

For Dip. Soc. Pol. and Admin. I. Optional for Option II and M.Sc.

Syllabus Special lectures by a variety of outside speakers on a number of topical aspects of social work and social administration.

SA106 Social Policy and Administration

Mr Reddin, Dr M. Brown and Professor Abel-Smith. Twenty lectures, Michaelmas and Lent Terms.

For Dip. Soc. Pol. and Admin. Options I and II.

Syllabus An introduction to the field of study and some key concepts: need and resource allocation, redistribution; social policy objectives; public and private conflicts, the social divisions of welfare; the rich, the poor and social policy.

Introductory reading D. V. Donnison *et al*, *Social Policy and Administration Revisited*; A. Forster, *Concepts in Social Administration*; H. Glennerster, *Social Service Budgets and Social Policy*; J. Parker, *Social Policy and Citizenship*; M. Rein, *Social Policy*; R. M. Titmuss, *Social Policy: an Introduction*; D. Wedderburn, *Poverty, Inequality and Class Structure*; Hall, Land, Parker and Webb, *Change, Choice and Conflict in Social Policy*; G. Room, *The Sociology of Welfare*; I. Gough, *The Political Economy of the Welfare State*; W. Robson, *Welfare State and Welfare Society*.

SA106(a) Social Policy and Administration (Classes)

Mr Reddin and Dr M. Brown. Sessional.
For Dip. Soc. Pol. and Admin. Options I and II.

SA107 Elements of Political Theory

Five seminars, Summer Term.
For B.Sc. S.S. and A. 1st yr.

SA109 Sociology and Social Policy

Dr Downes, Mr J. Carrier and Dr Ferguson. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.; Dip. Soc. Pol. and Admin. Options I and II; M.Sc.

Syllabus The application of sociology to issues of social policy in a number of fields, including education, health, housing and town planning, income distribution, the personal social services, crime and deviance. The definition, scope and content of social policy and the relationship of sociological theory and method to social policy analysis.

Introductory reading R. Pinker, *Social Theory and Social Policy*; P. Marris and M. Rein, *Dilemmas of Social Reform*; P. Townsend, *Sociology and Social Policy*; M. Rein, *Social Science and Public Policy*; J. Warham, 'Social Administration and Sociology', *Journal of Social Policy*, Vol. 2, 1973; D. Wedderburn (Ed.), *Poverty, Inequality and Class Structure*; C. A. Valentine, *Culture and Poverty*; M. Hill, *The Sociology of Public Administration*; D. Harvey, *Social Justice and the City*; W. G. Carson and P. Wiles (Eds.), *Crime and Delinquency in Britain*; V. George and P. Wilding, *Ideology and Social Policy*; M. Bulmer (Ed.), *Social Policy Research*.

SA109(a) Social Structure (Classes)

(i) Fortnightly, Sessional.

For Dip. Soc. Pol. and Admin. Option I.

(ii) Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 2nd yr.

(iii) Summer Term.

For B.Sc. S.S. and A. 1st yr.

SA110 Introduction to Social and Political Theory

Lecturer to be announced. Ten lectures, Fortnightly, Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 1st yr.

Syllabus The course relates the basic elements of 19th and 20th century social and

political theory to the study of social policies by considering (a) practical issues of social and political control; democracy; industrialisation; social order and social change; (b) a number of sociological perspectives on society (classical and neo-functionalism; action theory; the sociology of knowledge; the sociology of the everyday world).

Introductory reading H. Stuart Hughes, *Consciousness and Society*; R. A. Pinker, *Social Theory and Social Policy*; W. G. Runciman, *Social Science and Political Theory*; R. A. Nisbet, *The Sociological Tradition*; Peter Berger, *Invitation to Sociology*; A. Giddens, *Studies in Social and Political Theory*.

SA110(a) Introduction to Social and Political Theory (Classes)

Michaelmas and Lent Terms, Fortnightly.
For B.Sc. S.S. and A. 1st yr.

SA111 Introduction to Social Work and Social Work Method

Mr Rees and others. Ten lectures, Lent Term.

For Dip. Soc. Pol. and Admin. Option I. Optional for Option II.

Syllabus The development of social work since 1869, including training and the debate on concepts and ideologies in social work. The deployment of social work staff in statutory and voluntary personal social service agencies. Professionalism in social work. The common basis of social work practice. Introduction to methods of social work intervention, skills and knowledge in social work, and current issues. Casework, group work processes and community work.

Introductory reading H. M. Bartlett, *The Common Base of Social Work Practice*; F. Biestek, *The Casework Relationship*; Z. T. Butrym, *The Nature of Social Work*; DHSS, *S.S. Teams: The Practitioners View*; E. de Schweinitz and K. de Schweinitz, *Interviewing in the Social Services*; E. M. Goldberg, *Helping the Aged* (Chapter on "Objectives of Social Work"); H. Jones (Ed.), *Towards a New Social Work*; H. H. Perlman, *Casework Within Social Work*; Pincus and Minaham, *Social Work Practice—Model and Method*; R. A. Pinker, *The Idea of Welfare*; E. Sainsbury, *The Personal Social Services*; Specht and Vickery, *Integrating Social Work Methods*; N. Timms and R. Timms, *Perspectives in*

Social Work; A. Vickery, *Caseload Management*; S. Walrond-Skinner (Ed.), *Family and Marital Psychotherapy*; B. Wootton, *Social Science and Social Pathology*; E. Youngusband, *Social Work in Britain in 1950-75* (Vols. 1 and 2).

SA112 Values and Ethics in Social Work

Mr Rees. Three seminars, Lent Term.

For Dip. Soc. Pol. and Admin. Option I. Optional for Option II.

Syllabus A code of ethics for social work. Self determination, confidentiality and authority in social work, the exercise of discretion. The value judgements underlying social workers' interventions.

Introductory reading W. Barclay, *Ethics in a Permissive Society*; BASW *Code of Ethics for Social Work*; CCETSW Paper No. 13, *Values in Social Work*; I. Epstein, *The Politics of Behaviour Therapy*; Foren and Bailey, *Authority in Social Case Work*; P. Leonard, *Explanation and Education in Social Work*; E. E. McDermott (Ed.), *Self Determination in Social Work*; Timms and Watson (Eds.), *Philosophy in Social Work*; E. Youngusband (Ed.), *Social Work and Social Values*; R. Plant, *Social and Moral Theory in Social Casework*.

SA113(a) Visits of Observation Classes

Mr Rees.
For Dip. Soc. Pol. and Admin. Option I.

SA113(b) Field Work Classes

Mr Rees.
For Dip. Soc. Pol. and Admin. Option I.

SA113(c) Social Research for Field Work Classes

Mr Rees and others.
Subject to availability of suitable project.
For Dip. Soc. Pol. and Admin. Option I.

SA114 Introduction to Economic Analysis and its Application to Social Problems

Mr Piachaud. Ten lectures, Michaelmas Term.
For Dip. Soc. Pol. and Admin. Option I; Dip. Soc. Plan.; B.Sc. S.S. and A. 1st yr. Optional for Dip. Soc. Pol. and Admin. Option II.

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Syllabus Basic principles of economics. Aspects of the British economy of particular relevance to social policy. The contribution of economic analysis to the understanding of social problems.

SA114(a) Economics (Classes)

Fortnightly, Sessional.
For Dip. Soc. Pol. and Admin. Option I.

SA114(b) Economics (Classes)

Weekly, Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 1st yr.

SA114(c) Economics (Classes)

Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 2nd yr.

SA115 Methods of Social Investigation

Dr Bulmer, Dr Husbands and Dr Phillips. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. S.S. and A. 2nd yr.; B.Sc. c.u. main field Soc. 1st yr.; B.Sc. (Econ.) Part II; Dip. Soc. Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus This course examines some basic issues and methods of social research; while the emphasis is on the execution of surveys, other procedures are also considered. Topics covered include: the nature and conduct of social research in social policy and sociology; selection of research problems; research design, including experimental design; techniques of measurement and the assumptions behind them; elementary sampling; data collection, preparation and analysis in social survey research; simple causal modelling; the use of observation, official statistics and historical documents; social monitoring; reliability and validity of social data; the relationship between theory and research; objectivity and values; and the relationship between social research and social policy.

Recommended reading H. M. Blalock, *An Introduction to Social Research*; C. Selltitz et al, *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; M. Bulmer (Ed.), *Sociological Research Methods*, Parts 1 and 2; M. Stacey, *Methods*

of Social Research; S. Stouffer, "Some observations on study design", *American Journal of Sociology*, 60, 1950; M. Rosenberg, *The Logic of Survey Analysis*; H. Zeisel, *Say it with Figures*; E. J. Webb et al, *Unobtrusive Measures*; H.M.S.O., *Social Trends* (annually); B. Edwards, *Sources of Social Statistics*; A. Shonfield and S. Shaw, *Social Indicators and Social Policy*; M. Carley, *Social Measurement and Social Indicators*; D. T. Campbell and J. C. Stanley, *Experimental and Quasi-Experimental Designs for Research*; G. J. McCall and J. L. Simmons (Eds.), *Issues in Participant Observation*; I. Deutscher, *What we Say/What we Do*; E. H. Carr, *What is History?*; L. Gottschalk, *Understanding History*; K. Popper, *The Poverty of Historicism*; E. Nagel, *The Structure of Science*; M. Weber, *The Methodology of the Social Sciences*; G. Myrdal, *Value in Social Theory*; G. Sjoborg (Ed.), *Politics, Ethics and Social Research*; L. Rainwater and W. L. Yancey (Eds.), *The Moynihan Report and the Politics of Controversy*; W. G. Runciman, *Social Science and Political Theory*; M. D. Shipman, *The Limitations of Social Research*; M. Bulmer (Ed.), *Social Policy Research*.

SA115(a) Methods of Social Investigation (Project Class)

Six classes, Summer Term.
For B.Sc. S.S. and A. 1st yr.

SA115(b) Methods of Social Investigation (Classes)

Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II 2nd yr.; B.Sc. S.S. and A. 2nd yr.

SA115(c) Statistics (Classes)

Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 2nd yr.

SA116 Psychology in Social Administration

Professor Plowman. Ten lectures, Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 3rd yr.; Dip. Soc. Pol. and Admin. Option I.

Syllabus and **recommended reading** will be given during the course.

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SA116(a) Psychology in Social Administration (Classes)

Professor Plowman.
(i) Summer Term.
For B.Sc. S.S. and A. 2nd yr.
(ii) Sessional.
For Dip. Soc. Pol. and Admin. Option I.

SA117 Psychology in Social Administration (Seminar)

Professor Plowman. Sessional.
For B.Sc. S.S. and A. 3rd yr.
Syllabus Psychology in relation to social administration and social work – its contributions and limitations with regard to the understanding of individual and social problems, administrative processes, professional roles and the formulation of social policy. Illustrations from case studies in social administration and social work, from industry and other organisations, and from areas such as delinquency, race relations, changes in social services and the growth of professions. Psychological problems of gathering material. Interaction between people. Behaviour in groups. Power, authority and status.
Recommended reading to be given during the course.

SA120 Social and Political Theory (Class)

(a) Summer Term.
For B.Sc. S.S. and A. 2nd yr.
(b) Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 3rd yr.

SA121 Educational Policy and Administration

Dr Ferguson. Ten lectures, Michaelmas Term.
For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; optional for M.Sc., Dip. Soc. Pol. and Admin. Option I.
Syllabus The formation of educational policy in Britain, the role of central and local government, school governing bodies, professional organisations and pressure groups. The provision of education – costs, methods of finance, distribution of resources, educational planning and the determination of priorities from pre-school to higher education.

Recommended reading R. Barker, *Education and Politics 1900-51*; G. Fowler (Ed.), *Decision-Making in British Education*; D. E. Regan, *Local Government and Education*; E. Boyle and A. Crosland, *The Politics of Education*; M. Kogan, *Educational Policy-Making*; W. Kenneth Richmond, *Education in Britain since 1944*; J. Eggleston (Ed.), *Contemporary Research in the Sociology of Education*; M. Blaug, *An Introduction to the Economics of Education*. Further reading will be given during the course.

SA121(a) Educational Policy and Administration (Class)

Fortnightly, Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA121(b) Educational Policy and Administration (Class)

Sessional.
For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

SA122 Race Relations and Minority Groups

Professor Cohen, Mr J. Carrier and Dr Bulmer. Twenty-five lectures, Sessional.

This course will not be given in 1981-82.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; B.Sc. c.u. main field Soc.; Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus A study of social differentiation by race or ethnicity in human societies: the nature, causes and consequences of such differentiation; the social and psychological processes involved; and the structure and dynamics of racially-differentiated and ethnically plural societies. To include: (a) an examination of concepts and theories relating to this field; (b) a comparative analysis of relevant structures and processes in modern industrial and other societies; (c) an examination of group and policy responses in racial or ethnic situations, and of their research implications.

Recommended reading E. J. B. Rose, *Colour and Citizenship*; L. J. Kamin, *The Science and Politics of I. Q.*; W. Lloyd Warner and L. Srole, *The Social Systems of American Ethnic Groups*; P. Foot, *Immigration and Race in British Politics*; N. Deakin, *Colour and the British Electorate, 1964*; I.

Katznelson, *Black Men, White Cities*; C. Mullard, *Black Britain*; M. J. Hill and R. Issacharoff, *Community Action and Race Relations*; S. Abbott, *The Prevention of Racial Discrimination in Britain*; G. Myrdal, *An American Dilemma*, Part V; A. H. Richmond, *Readings in Race and Ethnic Relations*; G. Hunter, *Industrialisation and Race Relations*; M. Weinberg, *A Chance to Learn: race and education in the United States*; N. Glazer and D. Moynihan, *Beyond the Melting Pot*, 1970 edn.; C. E. Silberman, *Crisis in Black and White*; E. Krausz, 'Factors of Social Mobility in British Minority Groups', *The British Journal of Sociology*, Vol. XXIII, No. 3, September 1972; L. Wirth, *The Ghetto*; E. A. Barth and D. Noel, 'Conceptual Frameworks for the Analysis of Race Relations: An Evaluation' in *Social Forces*, Vol. 50, March 1972; J. Rex, *Race, Colonialism and the City*; A. Richmond, *Migration and Race Relations in an English City*; G. Simpson and J. Yinger, *Racial and Cultural Minorities*; J. Rex, *Race Relations in Sociological Theory*; Everett C. Hughes, 'Race Relations and the Sociological Imagination', *American Sociological Review*, No. 28, December 1963; G. Bowker and J. Carrier (Eds.), *Race and Ethnic Relations*; J. Stone (Ed.), *Race, Ethnicity and Social Change*; E. F. Frazier, *Race and Culture Contacts in the Modern World*; L. Foner and E. Genovese (Eds.), *Slavery in the New World*; C. S. Johnson, *The Shadow of the Plantation*; St. C. Drake and H. Cayton, *Black Metropolis*; Malcom X, *Autobiography*; E. Liebow, *Tally's Corner*; V. G. Kiernan, *The Lords of Human Kind*; W. J. Wilson, *The Declining Significance of Race*; N. Glazer, *Affirmative Discrimination*.

SA122(a) Race Relations and Minority Groups (Class)

Mr J. Carrier and others.
Fortnightly, Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA122(b) Race Relations and Minority Groups (Class)

Dr Bulmer, Mr J. Carrier and others. Michaelmas and Lent Terms.

This class will not be given in 1981-82.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; B.Sc. c.u. main field Soc.

SA123 Personal Social Services

Miss Sainsbury. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; M.Sc.; optional for M.Sc., Dip. Soc. Pol. and Admin. Option I.

Syllabus Objectives of the personal social services: theories of human development, rationale of state intervention, growth of services, professionalism. Concepts of different types of intervention, prevention, community care, participation. Perception, recognition and measurement of need; problems of demand and supply. Control and organisation of services: finance models of management and organisation, co-ordination, frontiers with other social services.

Introductory reading J. Heywood, *Children in Care*; K. Jones, *A History of the Mental Health Services*; J. Parker, *Local Authority Health and Welfare Services*; B. N. Rodgers and J. Dixon, *Portrait of Social Work*; B. N. Rodgers and J. Stevenson, *A New Portrait of Social Work*.

SA123(a) Personal Social Services (Class)

Miss Sainsbury. Fortnightly, Summer Term.

For B.Sc. S.S. and A. 2nd yr.

SA123(b) Personal Social Services (Class)

Miss Sainsbury and Dr M. Brown. Sessional.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

SA124 Social Policy in Developing Countries (Class)

Mrs Hardiman and Dr Midgley. Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For B.Sc. S.S. and A. 3rd yr.

SA125 Urban Planning and Housing Policies

Dr Levin. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; M.Sc.; Dip. Soc. Plan.; optional for Dip. Soc. Pol. and Admin. Option I.

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Syllabus The housing system in Britain. Housing and urban structure; urban trends and the role of government; the problems of the inner city. New towns. Decision-making and the planning process; public participation in planning. The problem of run-down housing—redevelopment or improvement?

Recommended reading S. Lansley, *Housing and Public Policy*; A. Murie et al, *Housing Policy and the Housing System*; M. Harloe et al, *The Organization of Housing*; J. Shepherd et al, *A Social Atlas of London*; H. Clout (Ed.), *Changing London*; G. Lomas, *The Inner City*; D. V. Donnison and D. E. C. Eversley (Eds.), *London: Urban Patterns, Problems and Policies*; R. E. Pahl, *Whose City?*; D. Harvey, *Social Justice and the City*; P. Hall et al, *The Containment of Urban England*; Expenditure Committee, *House Improvements Grants* (H.C. 349, 1972-73); *New Towns* (H.C. 616, 1974-75); P. H. Levin, *Government and the Planning Process*; N. Dennis, *Public Participation and Planners' Blight*; Ministry of Housing and Local Government, *Council Housing: Purposes, Procedures, Priorities; Report of the Committee on Housing in Greater London* (Milner Holland. Cmnd. 2605); *Policy for the Inner Cities* (Cmnd. 6845); Department of the Environment, *Unequal City, Change or Decay, Inner London* (Final Reports of the Inner Area Studies); P. Lawless, *Urban Deprivation and Government Initiative*; N. Deakin and C. Ungerson, *Leaving London*. Further reading will be given during the course.

SA125(a) Housing and Urban Structure (Class)

Fortnightly, Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA125(b) Housing and Urban Structure (Class)

Sessional.
For B.Sc. S.S. and A. 3rd yr.; B.Sc. (Econ.) Part II.

SA126 Background to Health Administration

Professor Abel-Smith and Mr Carrier. Fifteen lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.; M.Sc. Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus The determinants of health improvement: the organisation and finance of the National Health Service. The planning of acute services, general practice, and services for particular groups; prescribing and the pharmaceutical industry; the problem of priorities.

Recommended reading B. Abel-Smith, *The Hospitals, 1800-1948; Value for Money in Health Services*; DHSS, *Priorities for Health and Personal Social Services in England: a Consultative Document; Prevention and Health: Everybody's Business; Public Expenditure in 1979-80* (Cmnd. 6393); B. Abel-Smith, *The National Health Service: the First Thirty Years* (HMSO); D. Robinson, *Patients, Practitioners and Medical Care*; A. Cochrane, *Effectiveness and Efficiency* (NHPT); DHSS, *National Health Service Reorganisation: England* (Cmnd. 5055); Office of Health Economics, *The Work of Primary Medical Care*; DHSS, *The Organisation of General Practice*; Ministry of Health, *Report of the Committee on the Relationship of the Pharmaceutical Industry with the National Health Service* (Sainsbury Committee) (Cmnd. 3410); DHSS, *Better Services for the Mentally Handicapped* (Cmnd. 4683); DHSS, *Better Services for the Mentally Ill* (Cmnd. 6233); DHSS, *Sharing Resources for Health in England*; D. Owen, *In Sickness and in Health; Report of the Royal Commission on the National Health Service* (Cmnd. 7615, July 1979); S. Haywood and A. Alaszewski, *Crisis in the Health Service*.

SA126(a) Health Administration (Class)

Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA126(b) Health Administration (Class)

Sessional.
For B.Sc. S.S. and A. 3rd yr.; B.Sc. (Econ.) Part II.

SA127(a) Social Theory and Social Policy 1870-1918 (Class)

Summer Term.
For B.Sc. S.S. and A. 2nd yr.

SA127(b) Social Theory and Social Policy 1870-1918 (Class)

Michaelmas and Lent Terms.
For B.Sc. S.S. and A. 3rd yr.

SA128 Sociology of Deviance (Class)

(a) Fortnightly, Summer Term.
For B.Sc. S.S. and A. 2nd yr.

(b) Michaelmas and Lent Terms.

For B.Sc. S.S. and A. 3rd yr.; B.Sc. (Econ.) Part II.

SA129 Modern Politics and Government with special reference to Britain (Classes)

For Dip. Soc. Plan. and Admin. Option II.

ADVANCED COURSES

M.Sc.: Social Policy and Planning

Admission to seminars will be by permission of the teachers concerned.

SA151 Social Policy and Administration (Seminar)

Professor Abel-Smith and Professor Nevitt. Sessional.

For M.Sc.

Recommended reading Derek Fraser, *The Evolution of the British Welfare State*; O. R. McGregor, *Social Research and Social Policy in the Nineteenth Century*; Norman I. MacKenzie and Jeanne MacKenzie, *The First Fabians*; Gaston Rimlinger, *Welfare Policy and Industrialisation in Europe, America and Russia*; Walter I. Trattner, *From Poor Law to Welfare State: a history of social welfare in America* (2nd edn.); Harold Wilensky and Charles N. Lebeaux, *Industrial Society and Social Welfare*; Victor George and Paul Wilding, *Ideology and Social Welfare*; Ian Gough, *The Political Economy of the Welfare State*; Robert A. Pinker, *The Idea of Welfare*; David A. Reisman, *Richard Titmuss: Welfare and Society*; Richard M. Titmuss, *Commitment to Welfare* (2nd edn.); Richard M. Titmuss, *Essays on the Welfare State* (3rd edn.); Martha Derthick, *Policy Making for Social Security*; Hugh Hecló, *Modern Social Politics in Britain and Sweden*; Pheobe Hall, Land, Parker and Webb, *Change, Choice and Conflict in Social Policy*; Keith G. Banting, *Poverty, Politics and Policy: Britain in the 1960s*; Guy Fiegehan *et al.*, *Poverty and Progress in Britain 1953-73* (NIER); Michael Rutter

and Nicola Madge, *Cycles of Disadvantage: A Review of Research*; Peter Townsend, *Poverty in the U.K.*; Christopher Leman, *The Collapse of Welfare Reform: Political Institutions, Policy and the Poor in Canada and the United States*; Judith Innes du Neuville, *Social Indicators and Public Policy: Interactive Process of Design and Application*; Fred Hirsch, *Social Limits in Growth*; A. H. Halsey, *Change in British Society*; H. Hecló and A. Wilensky, *The Private Government of Public Money*; P. Townsend and N. Bosanquet (Eds.), *Labour and Inequality*; J. C. Kincaid, *Poverty and Equality in Britain*; D. Wedderburn, *Poverty, Inequality and the Class Structure*; R. G. S. Brown, *The Management of Welfare*; H. Glennerster and S. Hatch, *Positive Discrimination and Inequality*; P. Marris and M. Rein, *Dilemmas of Social Reform*; D. V. Donnison *et al.*, *Social Policy and Administration Revisited*; W. A. Robson, *Welfare State and Welfare Society*.

SA152 Social Planning (Seminar)

Mr Piachaud and Dr Levin.

Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus The principles of social planning: the nature of policy making, planning and administration; models of the planning process; governmental structures; recent developments in social planning. The methodology of social planning: the components of policy analysis; tools for planning; sources of information for planning; case studies and examples from the fields of health, personal social services, education, housing and physical planning.

Recommended reading A. Faludi, *Planning Theory*; R. L. A. Ackoff, *A Concept of Corporate Planning*; J. K. Friend and N. Jessup, *Local Government and Strategic Choice*; P. H. Levin, *Government and the Planning Process*; D. V. Donnison and D. E. C. Eversley (Eds.), *London: Urban Patterns, Problems and Policies*; N. Lichfield *et al.*, *Evaluation in the Planning Process*; P. Self, *Econocrats and the Policy Process*; H. Glennerster, *Social Service Budgets and Social Policy*; C. H. Weiss, *Evaluation Research*; T. Booth, *Planning For Welfare*; M. Carley, *Rational Techniques in Policy Analysis*.

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SA153 Social Policy Research

Dr Bulmer and Mrs Irving. Ten lectures, Michaelmas Term.

For M.Sc. Soc. Pol. & Plan., M. Phil. and Ph.D. Optional for M.Sc. Soc. Pol. & Soc. Work.

Syllabus Methodological problems of social research into social policy; interdisciplinary relationships in a research setting. Types of enquiry: (a) theory-testing; (b) description; (c) policy-evaluation; (d) action-research. Problem selection and concept definition. Research design. Data collection. Data analysis. Basic statistical issues. Role of computers. Mathematical models for planning, resource allocation and forecasting. Population projections. Uses and limitations of social indicators. The application of social research; its place in the policymaking process.

Recommended reading M. Bulmer (Ed.), *Social Policy Research*; A. Ryan (Ed.), *The Philosophy of Social Explanation*; R. Borger and F. Cioffi (Eds.), *Explanation in the Behavioural Sciences*; M. and C. W. Sherif, *Interdisciplinary Relationships in the Social Sciences*; A. Forder, *Concepts in Social Administration*; C. Selltitz, *Research Methods in Social Relations*; H. W. Smith, *Strategies of Social Research*; E. R. Tufté, *The Quantitative Analysis of Social Problems*; R. Lees, *Research Strategies for Social Welfare*; M. Susser, *Causal Thinking in the Health Sciences*; A. S. C. Ehrenberg, *Data Reduction*; N. T. J. Bailey, *Mathematics, Statistics and Systems for Health*; C. Lee, *Models in Planning*; P. R. Cox, *Demography*; W. J. M. Mackenzie, *Biological Ideas in Politics*; M. Spiers, *Techniques and Public Administration*; C. H. Waddington, *Tools for Thought*; A. Shonfield and S. Shaw, *Social Indicators and Public Policy*; O. Morgenstern, *On the Accuracy of Economic Observations*; T. Tripodi, *Uses and Abuses of Research in Social Work*; E. Suchman, *Evaluative Research*; M. Shipman (Ed.), *The Organisation and Impact of Social Research*; M. Rein, *Social Science and Public Policy*; J. Barzun and H. E. Graff, *The Modern Researcher*; M. Bulmer (Ed.), *Social Research and Royal Commissions*. A more detailed bibliography will be distributed at the beginning of the course.

SA153(a) Social Policy Research (Seminar)

Dr Bulmer and Mrs Irving.
Michaelmas and Lent Terms.
For M.Sc.

Syllabus Selected methodological issues arising from substantive topics examined in Courses SA151 and SA152 and in work for the dissertation.

SA154 Health Service (Seminar)

Professor Abel-Smith, Mr J. Carrier and Mrs Irving. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option. **Whole course:** for M.Sc.: *Planning of Health Services and Medical Sociology*.

Michaelmas Term only: for M.Sc. and Dip. Soc. Plan.

Syllabus The development and structure of health services: the social, demographic and economic factors relevant to planning health services; models of funding medical care; the evaluation of medical care services; cross cultural comparisons of medical care systems. Conceptions of health and disease: the sick role; doctor/patient relationship and communication; patient utilisation of services; the health professions: their education and inter-relationships; the sociology of hospitals and other medical organizations.

Recommended reading will be given at the beginning of the course. Also, *Report of the Royal Commission on the National Health Service* (Cmnd. 7615, July 1979); S. Haywood and A. Alaszewski, *Crisis in the Health Service*.

SA155 Income Maintenance and Social Security Policies

Mr Piachaud and Mr Reddin. Ten lectures, Michaelmas Term. Seminar, Sessional.

This course will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus Income maintenance is defined broadly to include not only national insurance and assistance provisions, but also fiscal provisions which recognise family needs, occupational benefits, private insurance and means testing. Definitions of need and poverty and criteria for determining the scope and level of social security benefits; the economic and financial problems of social security; comparisons with provisions in other industrialised countries.

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Recommended reading B. B. Gilbert, *The Evolution of National Insurance in Great Britain*; *British Social Policy 1914-1939*; B. Abel-Smith and P. Townsend, *The Poor and the Poorest*; J. F. Harris, *Beveridge: A Biography*; A. B. Atkinson, *Economics of Inequality*; V. George, *Social Security and Society*; *Social Security: Beveridge and After*; Sir John Walley, *Social Security: Another British Failure?*; L. McClements, *The Economics of Social Security*; J. Schulz *et al*, *Providing Adequate Retirement Income*; A. Heidenheimer *et al*, *Comparative Public Policy*; P. Townsend, *Poverty in the United Kingdom*.

SA156 Personal Social Services (Seminar)

Miss Sainsbury and Dr M. Brown. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus The evolution of the local authority social services departments. Problems of policy, organisation, staffing and inter-agency co-ordination. Needs, demand and supply: theories about their determinants and inter-relationship. Social deviance and concepts of community welfare. Aims, objectives and evaluation in personal social services. The application of planning to personal social services provision.

Introductory reading *Report of the Committee on Local Authority and Allied Personal Social Services* (Seebohm), Cmnd. 3703; B. Rodgers and J. Stevenson, *New Portrait of Social Work*; B. Davies, *Social Needs and Resources in Local Services*; J. A. G. Griffith, *Central Departments and Local Authorities*; R. Foren and M. J. Brown, *Planning for Service*; R. Rowbottom *et al*, *Social Services Departments: Developing Patterns of Work and Organisation*.

SA157 Housing and Urban Planning (Seminar)

Dr Levin. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus Analysis of housing and urban planning issues in Britain. The changing

structure of the housing market, the roles of the local authority, private rented and owner-occupied sectors, and of alternative forms of tenure; the problem of access to housing. Housing finance issues: subsidies, rent control, income support. The problems of vulnerable groups and localities: slums, overcrowding, homelessness, the treatment of ethnic minorities. The problem posed by older housing: redevelopment and rehabilitation and their social and economic effects. Community development and other policies for inner urban areas. The distributional consequences of physical planning and urban management. New towns and town development schemes and their effect on 'exporting' cities. Decision making and public involvement in planning: tenant management: the roles of the professional and the politician.

Recommended reading as for Course SA125.

SA158 Educational Policies and Administration (Seminar)

Dr Ferguson. Sessional. This seminar will be held only if there is a sufficient number of students wishing to take this option.

For M.Sc.

Syllabus The aim is to cover the literature relevant to each level of education and to the economic and sociological aspects of the subject. Outside speakers with experience in the field will be invited at regular intervals. Part of the session is left so that topics can be arranged to fit in with the particular interests of the group.

Recommended reading J. Karabel and A. H. Halsey (Eds.), *Power and Ideology in Education*; G. Baron and W. Taylor (Eds.), *Educational Administration and the Social Sciences*; O. Banks, *The Sociology of Education*; P. W. Musgrave, *Society and Education in England since 1800*; T. Burgess, *A Guide to English Schools*; C. Baxter, P. J. O'Leary, and A. Westoby (Eds.), *Economics and Education Policy*; A. H. Halsey, A. F. Heath and J. M. Ridge, *Origins and Destinations*.

A more detailed bibliography will be distributed at the beginning of the session.

OTHER ADVANCED COURSES

SA160 Seminars in Social Administration

Professor Plowman, Dr Bulmer, Dr Ramon and Mr Piachaud.

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Fortnightly, Sessional.

For Staff and graduate students.

Presentation and discussion of papers based on research in progress.

SA161 Social Research and Social Administration (Seminar)

Professor Abel-Smith, Dr Bulmer and Dr J. E. Lewis. Weekly, Michaelmas and Lent Terms. For M.Phil. and Ph.D. students.

Syllabus This seminar provides an opportunity for graduate students to examine different methodological approaches and consider methodological problems encountered in the planning, conduct and writing up of individual pieces of research carried out for a higher degree by thesis. Considerable emphasis is placed on the needs of individual students. The seminar is divided into two parts, which meet on alternate weeks: (i) research in social policy and administration: a seminar with an emphasis upon substantive research and the presentation of research results; (ii) methodological strategy: a seminar with an emphasis upon the planning and procedures of empirical research in the social policy field.

Recommended reading J. Barzun and H. E. Graff (Eds.), *The Modern Researcher*; A. Ryan (Ed.), *The Philosophy of Social Explanation*; H. W. Smith, *Strategies of Social Research: the methodological imagination*; R. Wax, *Doing Field Work: Warnings and Advice*; J. Robinson, *Economic Philosophy*; A. J. Culyer, *The Political Economy of Social Policy*; E. H. Carr, *What is History?*; M. Carley, *Social Measurement and Social Indicators*; M. Rein, *Social Science and Public Policy*; R. Plant (et al), *Political Philosophy and Social Welfare*.

Further reading will be provided at the initial meeting.

Social Planning in Developing Countries

Note Lectures and Seminars numbered SA170-SA179 are restricted to the students registered for courses stated.

SA170 Planning Theory and the Context of Planning

Mrs Hardiman and Dr Midgley.
Twenty-five lectures of one-and-a-half hours, Sessional.
For Dip. Soc. Plan.

Syllabus Definition, scope and content of social policy. Aims and principles in relation to the development of social policies. The nature of development planning: concepts of development and social development, the role of the social planner. Problems of planning: political, economic, administrative and unperceived problems of plan implementation. Values and ideologies in social planning. The social context of planning: the study of social change, demographic aspects, levels of living. Urbanization, industrialisation, appropriate technologies, third world agriculture and rural development. Policy issues in planning: population policies, poverty and income distribution, welfare legislation and services, housing and town and country planning, industrial welfare, pluralism, overseas aid and technical assistance.

Recommended reading R. M. Titmuss, *Social Policy: an Introduction*; R. M. Titmuss, *Essays on the Welfare State*; K. M. Slack, *Social Administration and the Citizen*; A. Livingstone, *Social Policy in Developing Countries*; C. Leys (Ed.), *Politics and Change in Developing Countries*; A. Etzioni, *Readings in Modern Organizations*; G. Myrdal, *The Challenge of World Poverty*; V. George and P. Wilding, *Ideology and Social Welfare*; U.N. *Reports on the World Social Situation and other U.N. publications*; H. Chenery et al., *Redistribution with Growth*; C. Elliott, *Patterns of Poverty in the Third World*; H. Bernstein, *Underdevelopment and Development*; J. E. Goldthorpe, *The Sociology of the Third World*; World Bank, *Population Policies and Economic Development*; E. de Kadt and G. Williams, *Sociology and Development*; I. Oxaal (Ed.), *Beyond the Sociology of Development*; D. J. Dwyer, *People and Housing in the Third World Cities*; B. F. Hoselitz and W. E. Moore (Eds.), *Industrialization and Society*; E. F. Schumacher, *Small is Beautiful*; E. Boserup, *Woman's Role in Development*; P. Dorner, *Land Reform and Agricultural Development*; W. Mangin (Ed.), *Peasants in Cities*; L. Kuper, *Race, Class and Power*; P. Bauer, *Dissent on Development*.

SA171 Planning Methods (Workshop)

Mrs Hardiman and Dr Midgley.

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Twenty-five workshops, Sessional.
For Dip. Soc. Plan.

Syllabus Aims and methods of social planning: alternative planning methods illustrated by actual applications: the use of models in the field of social policy and their applicability in different economic and cultural settings. Problems of data collection in social planning. Survey methods and the use of indicators. Case studies of planning. Management and decision making. Simulation exercises in social planning. Evaluation methods.

Recommended reading E. J. Mishan, *Cost-Benefit Analysis*; W. Bennis et al (Eds.), *The Planning of Change* (2nd edn.); A. Waterston, *Development Planning*; R. Aphorpe (Ed.), *People, Planning and Development Studies*; A. J. Kahn, *Theory and Practice of Social Planning*; D. Braybrooke and C. E. Lindblom, *A Strategy of Decision*; A. Faludi, *Planning Theory: A Reader in Planning Theory*; A. H. Hanson, *The Process of Planning*; W. A. Lewis, *Development Planning*; N. O. Baster (Ed.), *Measuring Development*; D. Novick (Ed.), *Program Budgeting*; F. J. Lyden and E. Miller (Eds.), *PPB—A Systems Approach to Management*; P. C. Packhard, *Critical Path Analysis for Developing Administration*; C. H. Weiss, *Evaluation Research: Methods of Assessing Program Effectiveness*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; W. Goode and P. Hall, *Methods in Social Research*.

SA172 Social Policy and Planning in Developing Countries (Seminar)

Mrs Hardiman and Dr Midgley.

One-and-a-half hours weekly,

Sessional.

For M.Sc.

Syllabus Concepts of social policy, social development and social planning. The uses of data and indicators in social planning. Survey methods. Theories of decision making and planning. Techniques of planning: simulation, budget planning, plan evaluation, operational techniques. Policy issues in social planning: population, rural development, urbanization and urban problems, industrialization and technology, unemployment, income security and distribution, stratification and ethnic relations. International aspects of social development. Problems of planning: planners and the political process, values of social planning, the goals of social planning.
Recommended reading A. Faludi, *Planning*

Theory; A. J. Kahn, *The Theory and Practice of Social Planning*; S. Pausewang, *Methods and Concepts of Social Research in a Rural Developing Society*; W. M. O'Barr et al, *Social Research in Africa*; N. Baster, *Measuring Development*; H. K. Pasanjape, *The Planning Commission*; A. P. Gosh, *Development Planning in South East Asia*; H. Ross et al, *Management in the Developing Countries*; R. Hirshman, *Development Projects*; I. Little and J. Mirlees, *Project Appraisal and Planning for Developing Countries*; N. Caiden and A. Wildavsky, *Planning and Budgeting in Poor Countries*; T. E. Smith, *The Politics of Family Planning in the Third World*; T. King et al, *Population Policies and Economic Development*; P. Dorner, *Land Reform and Economic Development*; A. Saville, *Extension in Rural Communities*; D. J. Dwyer, *People and Housing in the Third World Cities*; C. Abrahams, *Housing in the Modern World*; W. E. Moore and B. Hozelitz, *Industrialization and Society*; J. D. Sundram, *Rural Industrial Development*; R. Jolly et al, *Third World Employment*; E. O. Edwards, *Employment in Developing Nations*; H. Chenery et al, *Redistribution with Growth*; L. Kuper, *Race, Class and Power*; E. K. Hawkins, *The Principles of Development Aid*; T. Hayter, *Aid as Imperialism*; G. Wynia, *Politics and Planners*; R. Aphorpe, *People, Planning and Development Studies*; P. Bauer, *Dissent on Development*.

SA172(a) Social Research Methods and Planning Techniques in Developing Countries (Seminar)

Dr Bulmer, Mr Cornford and Mr

Piachaud. Ten meetings,

Michaelmas and Lent Terms.

For M.Sc.

Syllabus Methods of social research in developing countries. Censuses. Surveys. Sampling. Special problems of field work in the Third World. Social Indicators. Operational research techniques. Project appraisal. Cost-benefit analysis.
Recommended reading D. P. Warwick and S. Osherson (Eds.), *Comparative Research Methods*; W. O'Barr et al, *Survey Research in Africa*; D. P. Warwick and C. Lininger, *The Sample Survey*; S. Pausewang, *Methods and Concepts of Social Research in a Developing Country*; H. S. Shryock and J. S. Siegel, *The Methods and Materials of Demography*; M. Carley, *Social Measurement and Social Indicators*; R. L. Ackoff and M. Sasieni, *Fundamentals*

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of Operations Research; W. E. Duckworth, A. E. Gear and A. G. Lockett, *A Guide to Operational Research*; J. Lighthill, *Newer Uses of Mathematics*; R. Layard (Ed.), *Cost-Benefit Analysis*; E. Mishan, *Elements of Cost Benefit Analysis*; P. Dasgupta et al, *Guidelines for Project Appraisal*.

SA173 The Governmental Context of Development

Mr P. F. Dawson. Twenty-five lectures, Sessional.

For Dip. Soc. Plan.

Syllabus The concept of "political development", the political cultures of developing countries, ideology and constitutionality, the nature of public opinion, interest groups and political parties, the dominant role of public bureaucracies, central and local government organisations and their contribution to change, the political significance and content of planning, policy formulation and implementation.

Recommended reading G. A. Almond and S. Verba, *The Civic Culture*; N. Caiden and A. Wildavsky, *Planning and Budgeting in Poor Countries*; J. L. Finkle and R. W. Gable, *Political Development and Social Change*; G. A. Heeger, *The Politics of Underdevelopment*; S. P. Huntington, *Political Order in Changing Societies*; J. La Palombara, *Bureaucracy and Political Development*; C. Leys, *Politics and Change in Developing Countries*; J. D. B. Miller, *The Nature of Politics*; L. W. Pye and S. Verba, *Political Culture and Political Development*; E. Shiels, *Political Development in the New States*; W. Stolper, *Planning Without Facts*.

SA174 Economic Aspects of Social Planning in Developing Countries (Class)

Mr Piachaud and Mr West. Twenty classes, Michaelmas and Lent Terms.

For Dip. Soc. Plan.; optional for M.Sc.

SA175 Problems of Health and Disease (Seminar)

Mr J. Carrier, Mr Piachaud and others. One-and-a-half hours, Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus Health and ill health in developing countries: the development of health

services; indigenous medicine and its relationship with western medicine: the social, demographic and economic background to the planning of health services: the problem of determining priorities between different parts of health services: the principles of planning primary care and hospital services: the collection and use of health statistics: the financing of health services: the effects of different forms of central, regional and local organisation: the relationships of health and other social services.

Recommended reading A World Program for Health Manpower: Report of a Study of Medical Education in the Developing Countries; M. King (Ed.), *Medical Care in Developing Countries*; B. Abel-Smith, *An International Study of Health Expenditure and its Relevance for Health Planning*; E. M. Kassalow (Ed.), *The Role of Social Security in Economic Development*; J. Bryant, *Health and the Developing World*; D. H. S. Griffith and D. V. Ramana, *Studies on Health Planning*; J. de Araoz et al, *Principles and Practice of Cholera Control*; L. H. Wortzel, *Technology Transfer in the Pharmaceutical Industry*; H. E. Hilleboe et al, *Approaches to National Health Planning*; The Training and Utilization of Feldshers in the U.S.S.R.: A Review prepared by the Ministry of Health of the U.S.S.R. for the World Health Organization; K. Elliott and J. Knight (Eds.), *Human Rights in Health*; K. W. Newell (Ed.), *Health by the People*; B. Abel-Smith, *Value for Money in Health Services*; V. Navarro, *Medicine under Capitalism*; World Bank 1980, Sector Policy Paper, *Health*; B. Hetzel, *Basic Health Care in Developing Countries*; B. Abel-Smith, W.H.O. Public Health Papers 69, *Poverty, Development and Health Policy*; W.H.O. 1979, *Formulating Strategies for Health for All by the Year 2000*.

SA176 The Planning of Family Welfare Services and Social Security (Seminar)

Dr Midgley and Mr Reddin.
One-and-a-half hours weekly,
Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus Nature and scope of governmental family welfare services in developing countries. Administrative problems. Voluntary organisations and traditional systems of professional social work. Conceptions of social welfare: residual, preventive and developmental. Social

security programmes in developing countries. Problems of scope, resources and coverage.

Recommended reading R. M. Titmuss and B. Abel-Smith, *Social Policies and Population Growth in Mauritius*; H. Stein (Ed.), *Planning for the Needs of Children in Developing Countries*; H. W. Singer, *Children in the Strategy of Development*; A. Milner, *The Nigerian Penal System*; M. Clinard and D. Abbott, *Crime in Developing Countries*; L. Chen, *Disaster in Bangladesh*; J. B. Schechtman, *The Refugee in the World*; *Encyclopaedia of Social Work in India*; W. Clifford, *A Primer of Social Case Work in Africa*; E. Pusic, *Social Welfare and Social Development*; P. Kaim-Caudle (Ed.), *Comparative Social Policy and Social Security*; N. Hasan, *The Social Security System of India*; I.L.O., *The Cost of Social Security*; U.N., *Training for Social Welfare*, 1964; *World Social Situation Reports*, 1970; *Study in Legislative and Administrative Aspects of Rehabilitation for the Disabled*, 1964; *Comparative Surveys of Juvenile Delinquency*, 1965; *Report on Children*, 1971; S. Dasgupta, *Social Work and Social Change*; S. K. Khinduka (Ed.), *Social Work in India*.

SA177 Rural Development (Seminar)

Mrs Hardiman and Dr Midgley.
One-and-a-half hours weekly,
Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus The characteristics of rural communities in developing countries: the demographic situation and the consequences of migration, occupational structure, land tenure systems, traditional agriculture and new technologies, political and social organisation. Sociological analysis of the rural situation: different sociological theories and approaches, the relationship between social, economic and political change. Strategies for rural development: national, regional and district planning, the role of different Ministries and other agencies, theories and principles of community development, the selection and training of personnel for work in rural areas, the evaluation of rural development projects and programmes.

Recommended reading H. M. Southworth and B. Johnston, *Agricultural Development and Economic Growth*; Y. S. Brenner, *Agriculture and Economic Development in Low Income Countries*; D. G. Johnson,

World Agriculture in Disarray; U. Lele, *The Design of Rural Development*; G. Hunter, *The Administration of Agricultural Development*; P. Dorner, *Land Reform and Agricultural Development*; D. Lehmann, *Agrarian Reform and Agrarian Reformism*; H. Dobyns et al (Eds.), *Peasants, Power and Applied Social Change*; K. Griffin, *The Green Revolution*; X. Flores, *Agricultural Organization and Economic and Social Development in Rural Areas*; G. Myrdal, *Asian Drama*; T. Shanin (Ed.), *Peasants and Peasant Societies*; D. B. Brokensha and P. Hodge, *Community Development: an Interpretation*; L. J. Biddle, *The Community Development Process*; U.N., *Social Progress Through Community Development*; R. Chambers, *Settlement Schemes in Tropical Africa*; R. Apthorpe (Ed.), *People, Planning and Development Studies; Social Research and Community Development*; A. H. Savile, *Extension in Rural Communities*; H-P Yang, *Fact-Finding with Rural People, F.A.O.*; D. Thorner, *Agricultural Co-operation in India*; M. Carr, *Appropriate Technology for African Women*.

SA178 Social and Economic Aspects of Urbanisation (Seminar)

Dr Midgley and Ms Hooper.
One-and-a-half hours weekly,
Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus Analysis of the process of urbanisation in developing societies. Urbanisation associated with changes in the structure of society. Changing forms of production and of social organisation. The role of big cities in, and their contribution to, development. The urban economy: functions and potentials. Economics of metropolitan concentration. Population growth, rural-urban migration and urbanisation. The planning process, urban management and the functions of planning agencies. Urbanisation policies, regional development. Alternative housing policies.

Recommended reading G. Breese (Ed.), *The City in New Developing Countries*; P. K. Hatt and A. J. Reiss (Eds.), *Cities and Society*; P. Hauser and L. Schnore (Eds.), *The Study of Urbanisation*; R. Pahl (Ed.), *Readings in Urban Sociology*; C. G. Pickvance (Ed.), *Urban Sociology*; M. Castells, *The Urban Question*; D. Harvey, *Social Justice and the City*; T. G. McGee, *The Urbanisation Process in the Third World*; J. Butler and P. Crooke, *Urbanisation*; O. Sunkel, *The Development of Development*

Thinking; R. Vernon, *External Economies*; W. Alonso, *Urban and Regional Imbalances in Economic Development*; N. Harris, *Planning the Future of Bombay*; D. J. Dwyer, *People and Housing in Third World Cities*.

SA179 Social Implications of Education (Seminar)

Mrs Hardiman. One-and-a-half hours weekly, Sessional.

For Dip. Soc. Plan.; M.Sc.

Syllabus The role of education in different societies. Education and national development: economic, political and social goals. The contribution of economists, sociologists and psychologists to the understanding of educational systems. Key issues in the planning of education: questions of access to schooling, equality of opportunity, provision for skill acquisition, appropriate curricular, ethnic and regional variations. Non-formal education. Radical approaches. The special position of women. Overseas aid. Comparative studies of education in developing societies.

Recommended reading O. Banks, *The Sociology of Education*; M. Blaug, *Introduction to the Economics of Education*; M. Blaug (Ed.), *Economics of Education*, Vols. I and II; L. Hansen (Ed.), *Education, Income and Human Capital*; M. Blaug, R. Layard and M. Woodhall, *Causes of Graduate Unemployment in India*; A. H. Halsey, Jean Floud and C. Arnold Anderson, *Education, Economy and Society*; D. Adams, *Education in National Development*; J. Vaizey, *Education in the Modern World*; J. W. Hanson and C. S. Brembeck (Eds.), *Education and the Development of Nations*; G. D. Spindler, *Education and Culture*; I. Illich, *Deschooling Society*; E. Reimer, *School is Dead*; I. Berg, *Education and Jobs*; UNESCO International Institute for Educational Planning, *Fundamentals of Educational Planning*, Nos. 1-17; E. Hopper (Ed.), *Readings in the Theory of Educational Systems*; P. Foster, *Education and Social Change in Ghana*; J. A. Fishman, C. A. Ferguson and J. Das Gupta (Eds.), *Language Problems of Developing Nations*; R. P. Dore, *The Diploma Disease*; J. Karabel and A. H. Halsey, *Power and Ideology in Education*.

M.Sc. in Social Administration and Social Work Studies (Option 2) and M.Sc. in Social Policy and Social Work Studies (Option 3)

SA302 Issues and Problems in Society

Miss Butrym, Mrs Harwin, Dr Downes, Mr J. Carrier and others. Fifteen lectures, Michaelmas and Lent Terms.

For Option 2 and Option 3 2nd yr.

Syllabus Conceptual approaches; detailed discussion of social problems of particular relevance to social workers. These will include: delinquency, drug addiction, alcoholism, gambling, immigrant families, one-parent families, non-accidental injury, illness and disablement.

Recommended reading will be given during the course.

SA303 Human Growth and Behaviour

Miss Butrym, Dr Ramon and Mrs Jane Smith. Twenty lectures, Michaelmas and Lent Terms.

For Option 2 and Option 3 2nd yr.

Syllabus Development before birth; hereditary mechanisms; preparation for childbirth and early neonatal development. The new-born baby as an active agent. Temperamental characteristics. Early social and emotional behaviour. Mother-infant interactions. Fear of strangers. Attachment and bonding. The "early experience" debate. Cognitive development. Piaget's theory as a descriptive framework. The importance of appropriate stimulation. Moral development. The child's concept of death. Formal intelligence testing. Language development. Play. The child in the family. Family structures and relationships. The child in the school. Abnormalities in development: evidence from population studies. Physical, psychiatric, emotional and behavioural disorders. Adoption, fostering, in care. The transition from adolescence to adult life. The physical, cognitive, emotional and social aspects of adulthood and the critical life stages and events: young

adulthood; marriage; parenthood; middle age; old age; loss; bereavement; death. Other topics to be discussed include: work; ambition and achievement; sickness and disability; body image; the psycho-somatic unity; morality and behaviour.

Recommended reading M. Herbert, *Emotional Problems of Development in Children*; A. M. Clarke and A. D. B. Clarke, *Early Experience: Myth and Evidence*; B. Tizard, *Adoption: A Second Chance*; M. Rutter, *Helping Troubled Children*; M. Rutter, *Maternal Deprivation Reassessed*; R. Ault, *Children's Cognitive Development*; S. Wolff, *Children Under Stress*; R. Schaffer, *Mothering*; D. Stern, *The First Relationship: Infant and Mother*; A. MacFarlane, *The Psychology of Childbirth*; M. Rutter, J. Tizard and K. Whitmore (Eds.), *Education, Health and Behaviour*; J. Newson and E. Newson, *Four Years Old in an Urban Community*; R. Davie, N. Butler and H. Goldstein, *From Birth to Seven*; E. Rayner, *Human Development* (2nd edn.); E. H. Erikson, *Identity, Youth and Crisis*; E. Fromm, *The Art of Loving*; M. Schofield, *The Sexual Life of Young People*; E. Jaques, *Work, Creativity and Social Justice*; G. Gorer, *Sex and Marriage in England Today*; T. Lidz, *The Family and Human Adaptation*; H. Dicks, *Marital Tensions*; M. Mead, *Male and Female*; H. Gavron, *Captive Wives*; R. Skynner, *One Flesh, Separate Persons*; E. J. Anthony and T. Benedec (Eds.), *Parenthood: Its Psychology and Psychopathology*; J. Dominian, *Marital Breakdown*; B. O. Neugarten, *Personality in Middle Age*; J. B. Bromley, *The Psychology of Human Ageing*; D. Hobman (Ed.), *The Social Challenge of Ageing*; J. Hinton, *Death*; P. Marris, *Loss and Change*.

SA305 Themes in Clinical Psychiatry

Dr J. Holmes. Ten lectures, Michaelmas Term.

For Option 2 and Option 3 2nd yr.

Syllabus The concept of mental illness and its significance in medical and psychiatric practice. The interplay of somatic, psychological, and social interactional variables in the genesis of symptoms, interpersonal difficulties, and deviant behaviour. The work of the psychiatric team. The phenomena and classification of mental illness, and the contrasting features of different syndromes. Consideration of each of the main groups of syndromes, with special regard to (a) theories concerning biological, developmental and psychosocial

aspects of causation; and (b) a multi-dimensional approach in management and treatment. The scope and limitations of somatic (physical) methods of treatment. Types of psychotherapy and indications and contra-indications for their use. Social treatment and family therapy; management in the hospital and in the community.

Recommended reading E. W. Anderson and W. M. Trethowan, *Psychiatry* (3rd edn.); W. Mayer-Gross, E. T. O. Slater and M. Roth, *Clinical Psychiatry* (3rd edn.); A. Clare, *Psychiatry in Dissent; A Glossary of Mental Disorders*; General Register Office - Studies on Medical and Population Subjects No. 22, 1968; K. Schneider, *Psychopathic Personalities*; C. Hall, S. Calvin and G. Lindzey, *Theories of Personality*; S. Freud, *Introductory Lectures in Psychoanalysis*; O. Fenichel, *Psychoanalytic Theory of Neuroses*; V. Meyer and E. Chessler, *Introduction to Behaviour Therapy*; M. Glatt, *A Guide to Addiction and its Treatment*; A. Beck, *Depression*; M. Weissmann and E. S. Paykel, *The Depressed Woman*; R. D. Laing and A. Esterson, *Sanity, Madness and the Family*; F. Post, *The Clinical Psychiatry of Later Life*; R. Cawley and G. Maclachlan, *A Policy for Action*.

SA306 Child Psychiatry

Dr Hersov. Ten lectures, Lent and Summer Terms.

For Option 2 and Option 3 2nd yr.

Syllabus Basic principles in child psychiatry. Normality and abnormality in child development and mother/infant interaction. The psychiatry of the first three years of life, early childhood autism, enuresis, encopresis, tics, neurotic disorders, persistent non-attendance at school, learning disorders, conduct disorders. Psychiatric disorders associated with epilepsy, brain damage and physical handicap. Methods of treatment, prognosis and outcome of the treatment.

Recommended reading P. Barker, *Basic Child Psychiatry*; M. Rutter, *Helping Troubled Children*; S. Wolff, *Children Under Stress*; M. Rutter and L. Hersov, *Child Psychiatry - Modern Approaches*.

SA307 Mental Handicap

Lecturer to be announced. Four lectures, Lent Term.

Option 2 and Option 3 2nd yr.

Syllabus Changing legislation and the responsibilities of social workers. The

epidemiology and characteristics of mental handicap. Educational, employment and institutional needs and provisions. Giving practical help and advice to parents.

Recommended reading M. Adams and H. Lovejoy (Eds.), *The Mentally Subnormal: Social Work Approaches*; M. Bayley, *Mental Handicap and Community Care*; A. D. B. Clarke and A. M. Clarke, *Recent Advances in the Study of Subnormality*; D.H.S.S., *Better Services for the Mentally Handicapped*; D.H.S.S., *Fit for the Future: The Report of the Committee on Child Health Services (Court Committee)*; C. Hannan, *Parents and Mentally Handicapped Children*; R. D. King, N. V. Raynes and J. Tizard, *Patterns of Residential Care*; J. Tizard, *Community Services for the Mentally Handicapped*; J. Tizard and J. C. Grad, *The Mentally Handicapped and their Families*; W. Yule and G. Gorrell Barnes, 'The Child with Handicap' in *Good Enough Parenting*, CCETSW Study 1.

SA308 Probation Practice and Policy

Mr Rees. Ten seminars, Michaelmas Term.

For Option 2 and Option 3 2nd yr.;

Probation students plus others by agreement.

Syllabus Topics covered will include: The history and development of the Probation Service, its present organisation and structure. The role of the Home Office and local committees. Court procedure, including Juvenile Courts, sentencing policies and social enquiry reports — the law relating to probation and the supervision of offenders in the community. Probation in relation to penal policy. Prison after care and parole; community service orders, matrimonial conciliation, guardian-ad-litem duties and custody of children in divorce and separation proceedings; the use of authority by probation officers, the search for alternatives to imprisonment, the Younger report concerning young offenders, the debate concerning the treatment paradigm in probation, current issues and future developments, development of victims support schemes, and the role of NAPO and professional organisations.

Recommended readings D. Bochel, *Probation and After-care in England and Wales*; L. Mesurier, *A Handbook of Probation*; D. Haxby, *Probation, a Changing Service*; R. Hood, *Sentencing in Magistrates' Courts*; Home Office, *The Effectiveness of Sentencing*; F. Perry, *Information for the*

Court; Report of the Expenditure Committee (Session 1977-78) (*Reduction of Pressure on the Prison System*), Vol. 1; M. Davis, *Prisoners of Society*; HMSO, *Marriage Matters; Sentenced to Social Work* (Bryant and Others), *Probation Journal*, Vol. 25, No. 4; W. R. Weston, *Probation in Penal Philosophy*; C. Thomas, *Supervision within Community*; Bottoms and McWilliams, *A Non-Treatment Paradigm for Probation Practice*; Foren and Bailey, *Authority in Social Case Work*; J. F. S. King (Ed.), *Pressures and Change in the Probation Service*; H. Prins, *Offenders, Deviants or Patients*.

Reference will also be made to the relevant legislation and to official reports and papers.

SA309 Group Processes and Group Work

Twenty lectures/seminars, Michaelmas and Lent Terms.

For Option 2 and Option 3 2nd yr.

Syllabus Issues and perspectives in the study of groups, the family group. Main theories and techniques for working with groups, applications to special situations, e.g. the community, ethnic relations, housing estates, etc.; the school, the hospital; working with clients/patients, etc.

Recommended reading will be provided during the course.

SA310 Substitute Forms of Care Mrs Williams. Five lectures, Lent Term.

For Option 2 and Option 3 2nd yr.

Syllabus Study of residential care, fostering and adoption; relevant theories, policy and practice. Differential objectives of various forms of care related to differential need. Examination of literature concerning the use of different forms of care and evaluative studies.

Recommended reading will be given during the course, but includes Williams Committee Report, *Caring for People*; R. Barton, *Institutional Neurosis*; E. Goffman, *Asylums*; D. Martin, *Adventure in Psychiatry*; E. Rapoport, *Community as Doctor*; B. Dockar-Drysdale, *Therapy in Child Care*; B. Dockar-Drysdale, *Consultation in Child Care*; C. Beedell, *Residential Life with Children*; J. Berry, *Daily Experience in Residential Life*; A. Whitehead, *In the Service of Old Age*; R. Apte, *Half Way Houses*; R. Parker, *Decision*

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in Child Care; D. Fanshel, *Foster parenthood, a role analysis*; V. George, *Foster-care — Theory and Practice*; J. Triseliotis, *Evaluation of Adoption Policy and Practice*; A. McWhinnie, *Adopted children — how they grow up*; National Foundation for Education Research in England and Wales, *Born Illegitimate*; National Children's Bureau, *Growing Up Adopted*.

SA311 Social Policy and Administration

Professor Abel-Smith and Professor Pinker. Fifteen lectures, Michaelmas and Lent Terms.

For Option 1 and Option 2.

Syllabus A review of recent social policy including an evaluation of its objectives, methods and effectiveness. Problems of the welfare state: e.g. poverty and urban deprivation; the persistence of inequality; organisational constraints; the economic factor. New developments and the search for solutions: positive discrimination and the priority area approach; the Urban Aid and the Community Development programmes; reorganisation of local government, social security, NHS and personal social services; planning and priorities. Ideology and welfare: the continuing debate.

Recommended reading R. M. Titmuss, *Commitment to Welfare*; P. Townsend and N. Bosanquet (Eds.), *Labour and Equality*; J. C. Kincaid, *Poverty and Equality in Britain*; F. Field, *Inequality in Britain*; P. Wedge and H. Prosser, *Born to Fail*; D. Wedderburn, *Poverty, Inequality and the Class Structure*; P. Townsend, *Poverty in the United Kingdom*; P. Townsend, *Sociology and Social Policy*; M. Brown, *Introduction to Social Administration in Britain*; P. G. Richards, *The Reformed Local Government System*; R. G. S. Brown, *The Management of Welfare*; Office of Health Economics, *The NHS Reorganisation, 1974*; HMSO, *Patients First*; Redcliffe Maud and Wood, *English Local Government Reformed*; M. J. Brown (Ed.), *Social Issues and Social Services*; H. Glennerster, 'From Containment to Conflict', *Journal of Social Policy*, Vol. 10, Part I, 1981; K. Jones et al, *Issues in Social Policy*; Central Policy Review Staff, *A Joint Framework for Social Policies*; Department of Health and Social Security, *Priorities for Health and Personal Social Services*; H. Glennerster (Ed.), *Labour's Social Priorities*; H. Glennerster and S. Hatch, *Positive Discrimination and Inequality*; J. Cypher (Ed.), *Seebohm Across Three*

Decades; P. Marris and M. Rein, *Dilemmas of Social Reform*; A. H. Halsey, *Educational Priority*; M. Kogan, *The Politics of Education*; S. Hatch, *Towards Participation in Local Services*; The National Community Development Project, *Forward Plan 1975/76*; M. Brown, *The Joint Social Information Unit*; Gulbenkian Foundation, *Current Issues in Community Work*; D. V. Donnison, 'Policies for Priority Areas', *Journal of Social Policy*, Vol. 3, Part 2, 1974; D. V. Donnison and D. Eversley (Eds.), *London: Urban Patterns, Problems and Policies*; G. Burke, *Housing and Social Justice*; D. V. Donnison et al, *Social Policy and Administration Revisited*; P. Hall, H. Land, R. Parker and A. Webb, *Change, Choice and Conflict in Social Policy*; H. Forder, *Concepts in Social Administration*; W. G. Runciman, *Relative Deprivation and Social Justice*; V. George and P. Wilding, *Ideology and Social Welfare*; R. Dahrendorf, *Life Chances*; W. A. Robson, *Welfare State and Welfare Society*; T. H. Marshall, *The Right to Welfare*; B. Rodgers et al, *The Study of Social Policy*; R. Pinker, *The Idea of Welfare*; G. Room, *The Sociology of Welfare*; M. Banting, *Poverty, Politics and Policy*; J. Le Grand and R. Robinson, *The Economics of Social Policy*; I. Gough, *The Political Economy of the Welfare State*; N. Ginsburg, *Class, Capital and Social Policy*; I. Gilmour, *Inside Right*.

SA312 The Social Work Electives Weekly Seminars, Michaelmas and Lent Terms in one of the following areas of study:

For Option 2 and Option 3 2nd yr.

Child Welfare

Mrs Williams.

Syllabus Concepts pertaining to child welfare will be studied and their relationship to policies and practice examined. The history of child welfare will be reviewed through an examination of relevant legislation. The objectives relating to this area of welfare will be considered in terms of needs and rights, and the social and emotional factors which hinder the attainment of objectives discussed. Universal and specialist services for children will be examined and evaluated in relation to the foregoing. The social work contribution to the attainment of objectives at primary, secondary and tertiary levels of intervention will form an important and ongoing part of the discussion.

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Recommended reading will be given during the course but includes — J. Packman, *The Child's Generation*; M. Kellmer-Pringle, *The Needs of Children*; H. Maier, *Three Theories of Child Development*; J. Bowlby, *Attachment*; J. Bowlby, *Separation*; M. Rutter, *Maternal Deprivation Reassessed*; W. Jordan, *Poor Parents*; R. Holman, *Socially Deprived Families in Britain*; Finer Report, *One Parent Families*; W. Ackerman, *The Psycho-Dynamics of Family Life*; D. W. Winnicott, *The Family and Individual Development*; G. Caplan, *An Approach to Community Mental Health*; A. Leeding, *Child Care Manual*; W. Jordan, *The Social Worker in Family Situations*; C. H. Kempe and R. E. Helfer, *Helping the Battered Child and His Family*; J. Berry, *Social Work with Children*; C. Beedell, *Residential Life with Children*; V. George, *Foster Care, Theory and Practice*; J. Rowe, *Parents, Children and Adoption*; E. Holgate (Ed.), *Communicating with Children*; R. Tod (Ed.), *Children in Care*; R. Parker, *Planning for Deprived Children*; J. Heywood, *Children in Care*; P. Hall, *Reforming the Welfare*; N. Timms, *The Receiving End*.

Mental Illness and Mental Health

Mrs Harwin and Dr Ramon.

Syllabus The purpose of this elective will be to introduce students to some of the central issues and current debates surrounding the provision of mental health services. The aim will be to provide a framework for exploring and evaluating the needs of the mentally ill, by tracing the development of patterns of care, the changing attitudes towards the mentally ill, and the relevant social legislation.

The concept of mental health and the different models of mental illness will be examined, and their implications for treatment and intervention. Special emphasis will be given to the subjects of institutional care, and community care, and the impact of social factors and social processes on the help and care provided. The contribution of social work to the field of mental health, will be considered throughout, especially in relation to interdisciplinary work, and the family of the patient.

Recommended reading A. Clare, *Psychiatry in Dissent*; K. Jones, *A History of the Mental Health Services*; D. H. Clark, *Social Therapy in Psychiatry*; H.M.S.O., *Better Services for the Mentally Ill, 1975*, Cmnd. 6233; R. Boyer and R. Orrill, *Laing and Anti-Psychiatry*; L. Gostin and J. Jacob, *A Human*

Condition — The Mental Health Act Explained; I. M. Martin, J. Nurse and J. Gleisner, *Aspects of the Social Care of the Mentally Ill*; J. K. Wing and G. W. Brown, *Institutionalism and Schizophrenia*; N. Martin, *Adventures in Psychiatry*; M. Jones, *Beyond the Therapeutic Community*; R. Z. Apte, *Halfway Houses*; J. Dominian, *Depression*; J. K. Wing and C. Creer, *Schizophrenia at Home*; G. W. Brown and T. Harris, *The Social Origins of Depression*; J. K. Wing, *Reasoning about Madness*; T. Scheff, *Becoming Mentally Ill*; Q. Pearson, *The Deviant Imagination*; H.M.S.O., *Review of the Mental Health Act, 1959*, Cmnd. 7320.

Mental and Physical Disability

Miss Sainsbury.

Syllabus and **reading** to be announced.

Health and Disability, and Old Age

Miss Butrym.

Syllabus Problems of definition: what is health and what constitutes ill health? The interaction of biological, psychological and social factors in health and in sickness. The incidence and the prevalence of physical handicap. Categorisation of disabled persons and its hazards. Old people and those who are "old old". Social policies and provisions in relation to those who are ill or disabled, and to old people. How effective are the different services? Primary health care, hospital treatment, residential and community care, and rehabilitative facilities in respect of these groups.

The place of social work in alleviating the sufferings and in promoting the wellbeing of old people, and of those who are either acutely, or chronically sick, of the terminally ill, and of the disabled. Distinct features of social work in these fields with particular reference to the characteristics of social work practice in the various health care settings. The challenge of multi-disciplinary practice.

Recommended reading C. P. Brearley, *Social Work, Ageing and Society*; C. P. Brearley, *Residential Work with the Elderly*; J. B. Bromley, *The Psychology of Human Ageing*; D. Hobman (Ed.), *The Social Challenge of Ageing*; E. M. Goldberg, *Helping the Aged*; B.A.S.W., *Guidelines on Social Work with the Elderly*; B. Abel-Smith, *The Hospitals, 1800-1948*; Z. T. Butrym, *Social Work in Medical Care*; A. Cartwright, *Patients and Doctors*; D.H.S.S., *Social Work Support for the Health Service*; E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; R.

Huws-Jones, *The Doctor and the Social Services*; I. Illich, *Limits to Medicine*; E. Kuebler-Ross, *On Death and Dying*; J. Hinton, *Death*; P. Marris, *Loss and Change*; J. Merskey and F. G. Spear, *The Psychological and Psychiatric Aspects of Pain*; C. Murray-Parkes, *Bereavement: Studies in Grief in Adult Life*; L. Pincus, *Death and the Family*; L. Burton (Ed.), *Care of the Child Facing Death*; P. Ramsey, *The Client as a Person: Exploration in Medical Ethics*; V. Reynolds, *The Biology of Human Action*; D. Robinson, *The Process of Becoming Ill*; D. T. Tuckett (Ed.), *An Introduction to Medical Sociology*; W.H.O., *Psychosomatic Disorders*; E. Goffman, *Stigma*; S. Hocker, *Emma and I*; P. Hunt (Ed.), *Stigma*; E. Miller and G. V. Gwynne, *Life Apart*; CCETSW Paper No. 5, *People with Handicaps Need Better Trained Workers*; M. Oswin, *Holes in the Welfare Net*; S. Sainsbury, *Measuring Disability*; L. Burton, *The Family Life of Sick Children*.

Crime and Delinquency

Mr Cornish.

Syllabus This elective is intended to provide students with a brief introduction to, and critical perspective on, some of the important theoretical and practical issues in the fields of crime and delinquency. Topics to be covered will include: the nature and extent of criminal behaviour (definitions; the findings, interpretation and defects of official and other sources of statistical information; trends; the 'dark figure' of crime; hidden delinquency); causes of criminal behaviour; the relationship between causal theories, treatment rationales, and practice in relation to institutional treatments for delinquents and criminals, and community-based treatments; special categories of offenders and their problems. Current issues will be used to relate these topics to social work and probation practice.

Recommended reading S. Box, *Deviance, Reality and Society*; S. Brody, *The Effectiveness of Sentencing*; W. G. Carson and P. Wiles, *The Sociology of Crime and Delinquency in Britain*, Vol. 1; D. B. Cornish and R. V. G. Clarke, *Residential Treatment and its Effects on Delinquency*; M. P. Feldman, *Criminal Behaviour — a Psychological Analysis*; M. Herbert, *Conduct Disorders of Childhood and Adolescence*; R. Hood and R. Sparks, *Key Issues in Criminology*; J. B. Mays, *Juvenile Delinquency, the Family and the Social Group*; P. Morgan, *Delinquent Fantasies*; I.

Taylor, P. Walton and J. Young, *The New Criminology*; N. Tutt, *Alternative Strategies for Coping with Crime*; D. J. West, *The Young Offender*; P. Wiles, *The Sociology of Crime and Delinquency in Britain*, Vol. 2.

SA313 Law, Rights and Social Work

Professor Zander and others.

Fifteen lectures, Lent Term.

For Option 2 and Option 3 2nd yr.

SA314 Social Work Legislation

Mr Rees and others. Six lectures,

Summer Term.

For Option 2 and Option 3 1st yr.

Syllabus The law relating to social work with children, the chronically sick and disabled, the mentally ill and the delinquent.

SA315 Social Work Studies

Lecturers to be announced.

Twenty-five seminars, Sessional.

For Option 2 and Option 3 2nd yr.

Syllabus Value orientations underlying social work and their relationship to professional ethics. The impact of public attitudes, social policies and legislation on social work. Social control, social caring and social change. The knowledge base of social work. Genericism and specialisms. Research in social work. The nature of the social work process of study, assessment and helping and the various ways of conceptualising it. The place of the professional relationship in social work. Current issues relating to social work functions and its place in society.

Recommended reading H. H. Bartlett, *Analyzing Social Work Practice by Fields*; H. Bartlett, *The Common Base of Social Work Practice*; Z. T. Butrym, *The Nature of Social Work*; Central Council for Education and Training in Social Work, *Values in Social Work*; Discussion Paper No. 13, 1976; R. S. Downie and E. Telfer, *Respect for Persons*; M. L. Ferard and N. K. Hunnybun, *The Caseworker's Use of Relationship*; E. M. Goldberg, *Helping the Aged*; E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; H. Goldstein, *Social Work Practice: A Unitary Approach*; B. Heraud, *Sociology and Social Work*; F. Hollis,

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Casework: A Psychosocial Therapy; H. Jones (Ed.), *Towards a New Social Work*; B. Jordan, *Poor Parents*; A. Keith-Lucas, *Giving and Taking Help*; R. Lees, *Politics and Social Work*; F. McDermont (Ed.), *Self-Determination in Social Work*; J. Mayer and N. Timms, *The Client Speaks*; C. Meyer, *Social Work Practice — the Changing Landscape*; P. Nokes, *The Professional Task in Welfare Practice*; H. H. Perlman, *Social Casework: A Problem Solving Process*; A. Pincus and A. Minahan, *Social Work Practice: Model and Method*; R. Plant, *Social and Moral Theory in Social Casework*; W. J. Reid and A. W. Shyne, *Brief and Extended Casework*; R. W. Roberts and R. H. Nee, *Theories of Social Casework*; E. E. Sainsbury, *Work with Families*; E. E. Sainsbury, *Social Diagnosis in Casework*; G. Smith, *Social Work and the Sociology of Organisations*; N. Timms, *Social Casework: Principles and Practice* (Chap. 1); W. L. Tonge et al, *Families Without Hope*; F. Turner (Ed.), *Differential Diagnosis and Treatment in Social Work*; E. Younghusband (Ed.), *Social Work and Social Values*.

SA316 Social Work Practice

Mrs Harwin, Mrs Nursten and Dr

Ramon. Sessional.

For Option 2 and Option 3 2nd yr.

Syllabus This seminar is aimed at developing an understanding of the theoretical bases and rationale underlying the role of the social work practitioner. It is intended to examine and explore the generic conceptual framework, and the nature of the skills and interventive strategies across a wide area of social problems. The impact of psycho-analytic theory, self-theories, ego-psychology, learning theory on models of practice. Differential approaches in relation to agency function and client-groups, e.g. crisis intervention, task-centered and time-limited work, behavioural therapy, marital and family therapy. The unitary approach and the social systems model. The nature of therapeutic relationship and the social context of the interview. Evaluation and research in social work practice. Students will be expected to bring illustrations from their practical supervised experience in the field, for analysis and discussion. Some cases will be supplied to illustrate work with children, adolescents, elderly; the depressed; child abuse; aggressive clients, and so on.

Recommended reading R. W. Roberts and R. H. Nee (Eds.), *Theories of Social Casework*; A. Pincus and A. Minahan, *Social Work Practice: Model and Method*; H. H. Bartlett, *The Common Base of Social Work Practice*; S. Briar and H. Miller, *Problems and Issues in Social Casework*; C. Rogers, *Client-Centred Therapy*; W. W. Reid and L. Epstein, *Task-Centred Casework*; D. Jehu et al., *Behaviour Modification in Social Work*; C. P. Cross (Ed.), *Interviewing and Communication in Social Work*; F. J. Turner, *Social Work Treatment; Differential Diagnosis; Treatment in Social Work*. Also journals, *British Journal of Social Work* and *Social Casework*. Further references will be suggested during the seminar on specific areas.

SA317 Issues in Social Policy Professor Pinker and Dr M. Brown. Sessional.

For Option 2.

Syllabus The meaning and nature of social policy; its formulation, objectives and determinants. The social, political and economic context of policy implementation: resource constraints, central/local government relations etc. Social and political theory in relation to social policy: modes of welfare, theories legitimising intervention, value and principles in the welfare state. Notions of progress and evaluation.

Recommended reading R. M. Titmuss, *Social Policy*; R. M. Titmuss, *Essays on the Welfare State*; R. Pinker, *Social Theory and Social Policy*; P. Hall, H. Land, R. Parker and A. Webb, *Change, Choice and Conflict in Social Policy*; W. G. Runciman, *Relative Deprivation and Social Justice*; R. Dahrendorf, *Philosophy, Politics and Society*; M. Friedman, *Capitalism and Freedom*; R. Dahrendorf, *Essays on the Theory of Society*; A. Briggs, 'The Welfare State in Historical Perspective', in C. I. Scholtland (Ed.), *The Welfare State*; W. H. Beveridge, *Full Employment in a Free Society*; F. Hayek, *The Road to Serfdom*; K. Popper, *The Poverty of Historicism*; H. Heisler (Ed.), *Foundations of Social Administration*; J. Rawls, *A Theory of Justice*; H. Glennerster, *Social Service Budgets and Social Policy*; D. Miller, *Social Justice*; J. P. Mackintosh, *The British Cabinet*; J. E. Powell, *Medicine and Politics*; A. S. Hall, *Point of Entry*; J. Packman, *Child Care: Needs and Numbers*; B. Davies, *Social Needs and Resources in Local Services*; P. Townsend (Ed.), *The Concept of Poverty*; B. Jordan, *Poor Families*; P. Wedge

and H. Prosser, *Born to Fail*; R. Mishra, *Society and Social Policy*; P. Marris and M. Rein, *Dilemmas of Social Reform*; D. P. Moynihan, *Maximum Feasible Misunderstanding*; D. Wedderburn, *Poverty, Inequality and the Class Structure*; A. A. Nevitt, *Fair Deal for Householders*.

SA318 Introduction to Social Work Miss Butrym and Professor Pinker. Ten lectures, Michaelmas Term.

For Option 3 1st yr.

Syllabus The nature of social work, its scope and limitations relating to social work objectives: the origins and nature of social workers' mandate; the historical context for contemporary social work and for its different "settings"; values in social work; knowledge in social work; the social work process. Different ways of conceptualising social work (e.g. models and methods). Social work in relation to other helping activities and support systems (e.g. other professionals, the family, volunteers etc.).

Recommended reading H. Bartlett, *The Common Base of Social Work Practice*; Z. T. Butrym, *The Nature of Social Work*; CCETSW, *Values in Social Work*; B. Herard, *Sociology and Social Work*; A. Holme and J. Maizels, *Social Workers and Volunteers*; E. Youngusband, *Social Work in Great Britain: 1950-75*.

SA319 Social Work Practice Mrs Nursten and others.

Twenty-five seminars, Sessional.

For Option 3 1st yr.

Syllabus Preparation for first fieldwork placement. Functions of different social service agencies in which fieldwork is done; the nature of the contribution of social workers to these agencies. Communication in social work with particular emphasis on first contacts; understanding people and their problems; goal setting; recording. The meaning of the value of "respect for persons" and the main practice principles derived from this value - individualisation, acceptance, confidentiality, self-determination. The nature of social work with different client groups. Different forms of helping in both direct work with clients and contacts with others on clients' behalf. Evaluation of the social work process. Principles and practice of collaboration within various contexts. The nature of the professional relationship. Discussion of case studies.

Recommended reading E. M. Goldberg and J. E. Neill, *Social Work in General Practice*; F. McDermott (Ed.), *Self-Determination in Social Work*; E. M. Goldberg, *Helping the Aged*; J. Mayer and N. Timms, *The Client Speaks*; C. Cross, *Interviewing and Communication in Social Work*; A. Garrett, *Interviewing*; P. Day, *Communication in Social Work*; N. Timms, *Language in Social Casework*; G. M. Phillips, *Communication in the Small Group*; N. Timms and D. Watson (Eds.), *Talking about Welfare*; N. Timms and D. Watson (Eds.), *Philosophy in Social Work*; E. Youngusband (Ed.), *Social Work and Social Values*; E. Youngusband (Ed.), *New Developments in Social Work*; E. Sainsbury, *Social Diagnosis*; F. Biestek, *The Casework Relationship*; R. Foran and R. Bailey, *Authority in Social Work*; M. Ferard and N. Hunnybun, *The Caseworker's Use of Relationship*; R. Ruddock, *Role and Relationships*; P. Parsloe, *The Work of the Probation and After-Care Officer*; J. Berry, *Social Work with Children*; C. P. Brearley, *Social Work, Ageing and Society*. Several other papers and books.

SA320 Psychology and Social Work Professor Plowman and Mr Cornish. Twenty-five lectures, Sessional.

For Option 2 and Option 3 1st yr.

Syllabus The course will present selected topics in psychology with a special relevance to social work. **Michaelmas Term:** The opening lectures will cover the following subjects: an introduction to personality theory; psychoanalytic theory; trait, type and factor theories, role theories; self theories; phenomenological and existential theories; personal construct theory; the theoretical bases for group therapeutic approaches; and learning theories. **Lent and Summer Terms (Option C only):** Further lectures will deal with social learning explanations of maladaptive behaviour, and its modification; problems of impression-formation, interpreting people's behaviour and making accurate judgments; the development of interpersonal relations, social competence and interpersonal skills; the influence of environment on behaviour. **Recommended reading** C. S. Hall and G. Lindzey, *Theories of Personality*; S. Freud, *Introductory Lectures on Psychoanalysis*; J. A. C. Brown, *Freud and the Post-Freudians*; C. S. Hall, *A Primer of Freudian Psychology*; G. W. Allport, *Pattern and Growth in Personality*; C. R. Rogers,

Client-Centered Therapy; G. A. Kelly, *The Psychology of Personal Constructs*; R. Laing, *The Divided Self*; T. S. Szasz, *The Myth of Mental Illness*; B. Semeonoff (Ed.), *Personality Assessment*; D. B. Price-Williams, *Personality Studied Cross-Culturally*; A. Bandura, *Principles of Behavior Modification*; A. E. Kazdin, *Behavior Modification in Applied Settings*; D. Jehu et al., *Behaviour Modification in Social Work*; M. Herbert, *Conduct Disorders of Childhood and Adolescence*; P. Wachtel, *Psychoanalysis and Behavior Modification*; M. Argyle et al., *Social Skills and Mental Health*; P. Priestly et al., *Social Skills and Personal Problem Solving*; J. Kovel, *A Complete Guide to Therapy*; H. Tajfel and C. Fraser (Eds.), *Introducing Social Psychology*; M. Cook, *Interpersonal Perception*; E. Berscheid and E. Walster, *Interpersonal Attraction*; R. H. Moos, *The Human Context: Environmental Determinants of Behaviour*; H. M. Proshansky, W. H. Ittelson and L. J. Rivlin, *Environmental Psychology: People and their Physical Settings*.

SA321 Psychology and Social Work Seminars

Professor Plowman and Mr
Cornish. Fifteen seminars,
Sessional.

For Option 3 1st yr.

Syllabus These fortnightly seminars will select topics briefly covered in the Psychology and Social Work lectures, together with additional material, for study in greater depth. **Recommended reading** will be given during the course.

SA322 Social Research

Mr Cornish. Eight lectures,
Michaelmas Term.

For Option 3 1st and 2nd yrs.

Syllabus The purpose, value and distinctiveness of research activities; social research and social work problems. Review of principal methods of research, with illustrations from social research. The research process - defining problems, developing hypotheses; data collection, analysis and interpretation. Social research, social policy and social work practice; explanatory v. policy-oriented research; contributions of research and policy-formation; hindrances to the proper utilization of research.

Recommended preliminary reading H. M. Blalock, Jr., *An Introduction to Social Research*; G. Easthope, *History of Social Research Methods*; E. Krausz and S. H. Miller, *Social Research Design*; A. E. Maxwell, *Basic Statistics*; M. D. Shipman, *The Limitations of Social Research*; J. Silvey, *Deciphering Data*; D. Huff, *How to Lie with Statistics*; C. Selltitz et al, *Research Methods in Social Relations* (3rd edition).

SA322(a) Social Research Seminars

Mr Cornish. Twenty seminars, Sessional.

For Option 3 1st and 2nd yrs.

Syllabus Seminars will be used to study particular research projects in detail; to acquire some knowledge of simple statistics and methods; to develop basic skills in planning and evaluating research; and to carry out practical work in manipulating, analysing and interpreting data.

SA323 Issues in Social Policy and Administration Seminars

Professor Pinker and Dr M. Brown. Fourteen fortnightly seminars, Sessional.

For Option 3 1st yr.

Syllabus The meaning and nature of social policy.

The foundation and development of social policies in the United Kingdom. The finance of social services and the major forms of provision. Theories of social policy and models of welfare. The ordering of priorities in social policy.

Recommended reading *As for course SA322 and, in addition, the following:* A. Briggs, 'The Welfare State in Historical Perspective' in C. I. Schottland (Ed.), *The Welfare State*; P. Thane (Ed.), *The Origin of British Social Policy*; B. Abel-Smith, *The Hospitals*; F. Hayek, *The Road to Serfdom*; H. Glennerster, *Social Service Budgets and Social Policy*; J. E. Powell, *Medicine and Politics*; B. Abel-Smith, *Value for Money in Health Services*; A. H. Halsey, *Educational Priority*; F. Field, *Unequal Britain*; M. Brown, *Introduction to Social Administration*; P. G. Richards, *The Reformed Local Government System*; R. G. S. Brown, *The Management of Welfare*; Central Policy Review Staff, *A Joint Framework for Social Policies*; R. M. Titmuss, *Social Policy*; D. Donnison, *An Approach to Social Policy*; T. H. Marshall,

'Values, Problems of Welfare - Capitalism' in *Journal of Social Policy*, Vol. 1, No. 1; D. Reisman, *Richard Titmuss: Welfare and Society*; B. Davies, *Universality, Selectivity and Effectiveness in Social Policy*; P. Townsend, *Sociology and Social Policy*; K. Judge, *Rationing Social Services*; R. Mishra, *Society and Social Policy*.

SA324 Sociology and Social Welfare

Lecturer to be announced. Ten fortnightly seminars, Michaelmas and Lent Terms.

For Option 3 1st yr.

Syllabus The nature of industrial society and the impact of social change on the making of social policies. Formal and informal aspects of social welfare.

Recommended reading P. Worsley (Ed.), *Modern Sociology* (2nd edn.); S. Mennell, *Sociological Theory: Uses and Unities*; T. Bottomore, *Sociology*; P. Berger, *Invitation to Sociology*; J. Westergaard and H. Resler, *Class in Capitalist Society*; R. A. Pinker, *The Idea of Welfare*; P. Marris and M. Rein, *Dilemmas of Social Reform*; R. Mishra, *Society and Social Policy*; P. Hall, H. Land, R. Parker and A. Webb, *Change, Choice and Conflict in Social Policy*.

SA325 Personal Social Services (Class)

Miss Sainsbury.

For Option 3 2nd yr.

SA326 Innovation in Social Work

Dr Ramon and others. Six lectures, Summer Term.

Optional for Option 2 and Option 3 1st yr.

Syllabus The aim of the course is to introduce students to the realistic possibilities of innovation in social work. Conceptual framework of innovation; presentation of current innovative programs by field social workers; examination of programs in the light of theoretical framework.

Recommended reading will be given during the course but includes: E. Mullan (Ed.), *Evaluation of Social Intervention*; L. Rapaport, *Creativity in Social Work*; C. H. Weiss, *Evaluation Research: Methods of Assessing Program Effectiveness*; O. Stevenson and P. Parsloe, *Social Services Teams*; R. Lees, *Research Strategies for Social Welfare*.

Fieldwork Supervisors to the M.Sc. in Social Work Studies

Miss J. Treseder
Miss J. Ricketts
Miss J. Rainey
Miss R. Walter
Mr A. Williamson

The Bethlem Royal and Maudsley Hospitals,
Denmark Hill, SE5 8AZ

Miss G. Miles
Miss E. Smith

The Child Guidance Training Centre,
120 Belsize Lane, NW3 5BA

Mrs J. Davies

Hammersmith Hospital, Medical Social
Work Department, Du Cane Road, W12

Miss B. Fowles

St. George's Hospital, Department of
Social Work, Blackshaw Road, SW17

Mrs C. Summers

St. George's Hospital, Paediatric Department
Blackshaw Road, SW17

Miss M. Bailey
Miss J. Hindson
Miss G. Vaughan

Middlesex Hospital Medical School,
Mortimer Street, W1N 8AA

Mrs J. Hildebrand

Hospital for Sick Children, Department of
Psychological Medicine, Great Ormond
Street, WC1

Miss C. Tolaini

The Royal Free Hospital, Department of
Social Work, Pond Street, NW3

Mrs M. Abramsky
Mrs M. Maguire

The Royal Free Hospital, Department of
Psychological Medicine, Pond Street,
NW3

Miss O. Butland

University College Hospital, Children's
Psychiatric Department, Gower Street,
WC1E 6AU

Mrs A. Petts

University College Hospital, Department of
Adult Psychiatry, Gower Street, WC1E 6AU

Miss A. Bradley
Miss M. Golding

Middlesex Hospital, Department of
Medical Social Work, Mortimer Street,
W1N 8AA

Mrs S. Few

London Borough of Haringey, Child
Guidance Centre, 1 William's Grove, N22

Miss M. Walker

London Borough of Hammersmith, Social
Services Department, 160 Coningham
Road, W12

| | |
|-----------------------------|---|
| Mrs F. Powell | Croydon Social Services Department, 521/523 London Road, Thornton Heath, CR4 6AR |
| Mr C. Melly | London Borough of Harrow, Social Services Department, Peel Road, Wealdstone, HA3 7QX |
| Mrs D. Mumford | London Borough of Wandsworth, Social Services Department, Municipal Buildings, Wandsworth High Street, SW18 |
| Mrs H. Rodgers | Inner London Probation and After-Care Service, Student Training Unit, 79 East Hill, SW18 |
| Mr C. Dodd | Inner London Probation and After-Care Service, 346 Kensington High Street, W14 8NS |
| Mrs C. Self | Inner London Probation and After-Care Service, 149a Clapham High Street, SW4 7SS |
| Mr C. Thomas | West London Family Service Unit, 36 Colville Terrace, W11 |
| Mrs A. Kerr Mr A. Pigeon | Family Welfare Association, Lambeth & Southwark Office, 129 Camberwell Road, SE5 |
| Miss E. Wilson | Horton Hospital, Social Services Department, Long Grove Road, Epsom, Surrey |
| Mr G. Hepburn | Thamesmead Family Service Unit, 2 Maron Way, Thamesmead, SE2 |
| Miss G. Blech | Family Service Unit, 604 Harrow Road, W10 |

This list does not include supervisors who are supervising for the School for the first time this year.

Sociology

So100 Introduction to Sociology

Dr Badcock and Professor MacRae. Twenty-five lectures, Sessional.

For B.Sc. c.u. main fields Soc. 1st yr., Geog., Maths., Stats., Comp., Act. Sci., Man. Sci., Soc. Psych.; B.Sc. (Econ.) Parts I and II. Optional for B.Sc. S.S. and A. 1st yr.; M.Sc.

Syllabus The principal aim is to provide an introduction to the theoretical and empirical study of social systems and of the processes of change which they undergo. An attempt is made to do this by way of certain central questions which have informed, and do inform, sociological enquiry: how society is possible; elements of social structure – communication, socialisation, economic allocation and production, social control, ritual and symbolic action. The history of sociological concepts from the Enlightenment to the present time.

Recommended reading will be given during the course.

For reference purposes students are recommended to have two books: G. Duncan Mitchell (Ed.), *A New Dictionary of Sociology*; T. Raison (Ed.), *Founding Fathers of Social Science* (2nd edn.).

So100(a) Introduction to Sociology (Classes)

Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Geog., Maths., Stats., Comp., Act. Sci., Soc., Soc. Psych.

So101 Class in Study Methods

Dr Crouch and others. Three classes, Michaelmas Term.

For first-year Sociology specialists.

So102 Issues and Methods of Social Research (Classes)

Dr Husbands and Mr Rose. Twenty classes, Michaelmas and Lent Terms.

These classes are intended to be taken with the compulsory course SA115 Methods of Social Investigation.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

Syllabus This course examines basic issues and methods of social research using examples from a number of sociological works. It covers elementary aspects of the philosophy of science, the relationship between research and theory, the ethics of sociological research and the role of the classic experiment. The course covers a variety of techniques of data-gathering and data-analysis: participant observation, life histories, different types of documentary source, and survey data. Students are made familiar with the concepts of reliability and validity, in particular how these apply to data collected by these various different procedures. Also introduced are some more specific techniques of data-gathering (such as interviews, questionnaires, etc.) and measurement devices appropriate for particular tasks (e.g., various types of attitude measurement, including unobtrusive measures). The course covers differing approaches to data analysis, in particular various techniques for handling confounding variables and the construction of simple causal models. There is also material on the sources and problems of validity of certain major types of data, such as aggregate data and such official data as crime statistics, wealth data and basic demographic statistics. There is a course project that involves the collection and analysis of data.

Recommended reading H. M. Blalock, Jr., *An Introduction to Social Research*; J. A. Davis, *Elementary Survey Analysis*; L. Festinger and D. Katz (Eds.), *Research Methods in the Behavioral Sciences*; D. P. Forcese and S. Richer (Eds.), *Stages of Social Research*; W. J. Goode and P. K. Hatt, *Methods in Social Research*; G. Hoinville et al., *Survey Research Practice*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation* (2nd edn.); D. Nachmias and C. Nachmias, *Research Methods in the Social Sciences*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; A. Orenstein and W. R. Phillips, *Understanding Social Research*; S. L. Payne, *The Art of Asking Questions*; M. Rosenberg, *The Logic of Survey Analysis*; C. Selltiz and others, *Research Methods in Social Relations*; E. J. Webb, D. T. Campbell, R. D. Schwartz and L. Sechrest, *Unobtrusive Measures*; H. Zeisel, *Say It with Figures* (5th edn.).

Further reading will be given during the course.

So103 Comparative Social Structures I

Dr Sklair. Twenty-four lectures, Sessional.

For B.Sc. c.u. main field Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.A. c.u. Anth. and Med. Hist.; Dip. Soc.

Syllabus Problems of comparative method in the analysis of social structure. The contributions of the main sociological schools on this issue; the analysis in terms of modes of production and systems of domination of the major types of complex pre-industrial societies.

Recommended reading will be given during the course.

So103(a) Comparative Social Structures I (Classes)

Sessional.

For B.Sc. c.u. main fields Soc. 2nd yr., Soc. Anth. 2nd yr.; Anth. and Med. Hist. 2nd yr.; B.Sc. (Econ.) Part II.

So104 Comparative Social Structures II

Mr Burrage and Dr Crouch.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc. 3rd yr.; Dip. Soc.

Syllabus The first part of the course will outline major features in the development of the political, economic and social institutions of four modern societies, and discuss sociological interpretations thereof. In the second part, these institutions will be examined in more detail in comparative perspective. Since the syllabus covers a very wide area, students will be permitted to specialise to some degree, and class discussions and examination papers will provide for this.

Recommended reading L. Stone, *The Causes of the English Revolution 1529-1642*; C. Hill, *The Century of Revolution 1603-1714*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; P. Laslett, *The World We Have Lost*; D. Landes, *The Unbound Prometheus*; H. Perkin, *The Origins of Modern English Society 1780-1880*; N. Hampson, *A Social History of the French Revolution*; A. Soboul, *The French Revolution 1787-1799*; A. de Tocqueville, *The Old Regime and the French Revolution*; G. Elton, *The Revolutionary Idea in France 1789-1871*; T. Zeldin, *France 1848-1945* (2 vols.); R. R. Palmer, *The Age of Democratic*

Revolution (2 vols.); F. Jameson, *The American Revolution as a Social Movement*; E. Wright (Ed.), *Causes and Consequences of the American Revolution*; L. Hartz, *The Liberal Tradition in America*; C. Vann Woodward (Ed.), *The Comparative Approach to American History*; P. Bagwell and G. Mingay, *Britain and America: A Study of Economic Change 1850-1939*; L. Hacker, *The Triumph of American Capitalism*; R. Pipes, *Russia Under the Old Regime*; E. H. Carr, *A History of Soviet Russia* (selected references); A. Ulam, *Lenin and the Bolsheviks*; A. Gerschenkron, *Continuity in History and other Essays*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; M. E. Falkus, *The Industrialisation of Russia 1700-1914*; M. Archer and S. Giner, *Class, Status and Power*; R. Aron, *The Industrial Society*; D. Bell, *The Coming of Post-Industrial Society*; C. J. Crouch and A. Pizzorno, *The Resurgence of Class Conflict in Western Europe since 1968* (2 vols.); R. Dore, *British Factory-Japanese Factory*; A. Giddens, *The Class Structure of Advanced Societies*; S. Giner and M. Archer, *Contemporary Europe: Social Structures and Cultural Patterns*; C. Kerr et al., *Industrialism and Industrial Man*; D. Lane, *The Socialist Industrial State*; C. E. Lindblom, *Politics and Markets*; S. M. Lipset and S. Rokkan, *Party Systems and Voter Alignments*; M. Postan, *An Economic History of Western Europe 1945-64*; N. Poulantzas, *Classes in Contemporary Capitalism*; A. Shonfield, *Modern Capitalism*.

So104(a) Comparative Social Structures II (Classes)

Fifteen classes, Michaelmas and Lent Terms.

So105 Sociological Theory

Dr Mann. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc. 2nd yr.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A.; M.Sc.; Dip. Soc.

Syllabus An introduction to the main varieties of classical and modern sociological theory, concentrating on three tasks: what are the principal arguments of the classic texts? to what problems and changes in the real world were the theories a response? and what relevance do they have in the contemporary world? The principal theorists and schools considered are: Marx, Weber,

Durkheim, Parsons and normative functionalism, symbolic interactionism, and contemporary Marxism.

Recommended reading FOR GENERAL READING: R. Aron, *Main Currents in Sociological Theory* (2 vols.); S. Menell, *Sociological Theory*; L. Coser and B. Rosenberg (Eds.), *Sociological Theory*; L. Coser, *Masters of Sociological Theory*; I. Zeitlin, *Ideology and the Development of Sociological Thought*; T. Parsons, *The Structure of Social Action* (2 vols.); R. Fletcher, *The Making of Sociology*; A. Giddens, *Capitalism and Modern Social Theory*; R. Nisbet, *The Sociological Tradition*; A. Gouldner, *The Coming Crisis of Western Sociology*. TEXTS: K. Marx and F. Engels, *The Communist Manifesto*; *The Eighteenth Brumaire*; *Wage, Labour and Capital*; *Introduction to the Preface of a Critique of Political Economy* (all contained in Marx and Engels, *Selected Works*; Laurence and Wishart edition), *The German Ideology* (Part I); E. Durkheim, *The Rules of Sociological Method*; *The Division of Labour in Society*; *The Elementary Forms of the Religious Life*; M. Weber, *Theory of Social and Economic Organization*; *The Methodology of the Social Sciences*; T. Parsons, *The Social System*; *Societies: Evolutionary and Comparative Perspectives*; R. K. Merton, *Social Theory and Social Structures*; G. H. Mead, *Selected Writings* (Ed. A. Strauss); A. Gramsci, *The Prison Notebooks*; L. Althusser and E. Balibar, *Reading Capital*.

So105(a) Classes

Sessional.

For B.Sc. c.u. main fields Soc. 2nd yr., Soc. Anth. 2nd yr.; B.Sc. (Econ.) Part II.

So110 Contemporary Sociological Theory

Professor Cohen, Dr Mann and Dr Mouzelis. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc. 3rd yr.

So110(a) Contemporary Sociological Theory (Classes)

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc. 3rd yr.

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So111 Social and Moral Philosophy Mrs Barker. Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. (Econ.) Part II.

Syllabus The course is designed to introduce awareness of philosophical problems which are of relevance to the social scientist and includes an examination of some of the assumptions and implications in social and ethical concepts; introductory definitions; a brief introduction to the thought of some of the classical philosophers; elementary logical principles and fallacies; problems of knowledge and explanation of social data. Utilitarian ethics are used to discuss the relationship between moral and social philosophy.

Recommended reading J. Hospers, *An Introduction to Philosophical Analysis*; *Human Conduct*; M. Lessnoff, *The Structure of Social Science*; J. S. Mill, *Utilitarianism*; E. Gellner, *Thought and Change*; *Legitimation and Belief*; A. MacIntyre, *A Short History of Ethics*; B. Russell, *The Problems of Philosophy*; *A History of Western Philosophy*; A. Ryan, *The Philosophy of the Social Sciences*. Further references will be given during the course.

So111(a) Social and Moral Philosophy (Classes)

Twenty classes, Michaelmas and Lent Terms.

So112 Sociology of Knowledge and Science

Dr Swingewood and Dr Sklair.

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

Syllabus The course is designed to study the relationship between society and the different types of knowledge produced by different institutions. The contributions to the Sociology of Knowledge of Marx, Weber, Durkheim, Parsons, Merton, Lukacs and Goldmann will be critically examined. Different types of knowledge will be examined in terms of group, class, and elite structure. Approaches to the sociology of science; science as a social institution; scientific occupations; the scale and cost of science; norms and values of science; political sociology of science; social functions

of science; opposition to science and technology; sociology of the social sciences. **Recommended reading** will be given during the course.

So112(a) Sociology of Knowledge and Science (Classes)

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

So113 Society and Literature

Dr Swingewood. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

Syllabus The course is designed to study the relationship between the production of literature, class structure, ideology and writers as a group. Different theories of literature and society will be examined: Marx, Lukacs, Goldmann, Raymond Williams, Leo Lowenthal. Literature as a reflection of social processes and values; an examination of sociological themes in literature such as class and status consciousness, power and authority. Mass communications and literacy in modern society.

Recommended reading will be given during the course.

So113(a) Society and Literature (Classes)

So120 The Social Structure of Modern Britain

Dr Crouch, Professor Martin and Mr Langford. Twenty-eight lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. S.S. and A.; optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus Concepts and contemporary issues of stratification; the economic basis of stratification; social mobility; cultural differences and the relations between classes; the educational system. The role of the state, including the welfare state. Changes in industrial structure, including forms of ownership; changes in occupational structure and in the nature and distribution of skills; the system of industrial relations. The recruitment and distribution of the population; demographic changes and their social significance; the family; its structure and functions. Patterns of urban, suburban

and rural living. Immigration, internal migration. Ethnic minorities. Religious practice and belief. Political structure: parties, voting behaviour and political institutions. Communications and mass media.

Recommended reading E. Dangerfield, *The Strange Death of Liberal England*; A. H. Halsey, *Change in British Society*; E. J. Hobsbawm, *Industry and Empire*; H. Perkin, *The Origins of Modern English Society, 1780-1880*; J. Westergaard and H. Resler, *Class in a Capitalist Society*; J. H. Goldthorpe and P. Bevan, 'The Study of Social Stratification in Great Britain, 1946-76' in *Social Science Information*, Vol. 16; A. Halsey (Ed.), *Trends in British Society since 1900*; P. Abrams (Ed.), *Work, Urbanism and Inequality*; A. B. Atkinson, *Unequal Shares: Wealth in Britain*; P. Stanworth and A. Giddens (Eds.), *Elites and Power in British Society*; Royal Commission on the Distribution of Income and Wealth, *Reports*; E. H. Phelps Brown, *The Inequality of Pay*; D. Wedderburn (Ed.), *Poverty, Inequality and Class Structure*; J. H. Goldthorpe et al., *The Affluent Worker* (three monographs); M. Mann and R. M. Blackburn, *The Working Class in the Labour Market*; H. Newby et al., *Property, Paternalism and Power*; W. G. Runciman, *Relative Deprivation and Social Justice*; M. Bulmer (Ed.), *Working-Class Images of Society*; J. H. Goldthorpe, *Social Mobility and Class Structure in Modern Britain*; A. H. Halsey et al., *Origins and Destinations*; K. Roberts et al., *The Fragmentary Class Structure*; B. Bernstein, *Class, Codes and Control*, Vol. 1; N. Bosanquet and P. Townsend, *Labour and Equality*; I. Gough, *The Political Economy of the Welfare State*; R. M. Titmuss, *Commitment to Welfare*; T. H. Marshall, *Citizenship and Social Class*; C. J. Crouch, *Class Conflict and the Industrial Relations Crisis*; C. J. Crouch, *The Politics of Industrial Relations*; H. A. Clegg, *The Changing System of Industrial Relations in Great Britain*; J. Leruez, *Economic Planning and Politics in Britain*; C. J. Crouch (Ed.), *State and Economy in Contemporary Capitalism*; A. Flanders, *Management and Unions*; L. Panitch, *Social Democracy and Industrial Militancy*; J. F. Goodman and T. G. Whittingham, *Shop Stewards*; G. Bain, *The Growth of White-Collar Trade Unionism*; D. Lockwood, *The Black-coated Worker*; R. Lumley, *White-Collar Unionism in Britain*; D. Martin, *A Sociology of English Religion*; B. Wilson, *Religion in a Secular Society*; R. Rose, *Governing with Consent*; A. MacIntyre, *Secularisation and Moral*

Change; E. Wickham, *Church and People in an Industrial City*; S. H. Beer, *Modern British Politics*; R. Benewick and R. E. Dowse, *Readings on British Politics and Government*; J. Blondel, *Voters, Parties and Leaders*; D. Butler and D. Stokes, *Political Change in Britain*; J. P. Mackintosh, *Government and Politics of Britain*; R. T. McKenzie and A. Silver, *Angels in Marble*; R. T. McKenzie, *British Political Parties*; G. C. Moodie and G. Studdart-Kennedy, *Opinions, Publics and Pressure Groups*; P. Pulzer, *Political Representation and Elections in Britain*; R. Rose, *Politics in England*; R. Rose (Ed.), *Studies in British Politics; Political Britain*, published by The Economist, 1979; J. A. Banks, *Prosperity and Parenthood*; N. H. Carrier, 'Demographic Aspects of the Ageing of the Population' in A. T. Welford and others (Eds.), *Society*; P. R. Cox, 'The Population of Britain 1800-1970', Chapter 20 of his *Demography*, 4th edition 1970; D. V. Glass, 'The Components of Natural Increase in England and Wales' in 'Towards a Population Policy for the U.K.' *Supplement to Population Studies*, May 1970; T. McKeown and R. G. Record, 'Reasons for the Decline of Mortality in England and Wales during the Nineteenth Century' in *Population Studies*, November 1962; C. C. Spicer and L. Lipworth, *Regional and Social Factors in Infant Mortality*; General Register Office, *Studies on Medical Population Subjects*, No. 19, 1966; C. Rosser and C. Harris, *Family and Social Change*; C. Turner, *Family and Kinship in Great Britain*; Pinchbeck and Hewitt, *Children in English Society*, Vol. II; R. Fletcher, *Family and Marriage*; G. Hawthorn, *Sociology of Fertility*; Hajnal and Henderson, *Economic Position of the Family*; C. Gibson, 'Association between Divorces and Social Class in England and Wales' in *B.J.S.*, March 1974; Yudkin and Holme, *Working Mothers and their Children*; Fogarty and Rappaport, *Sex, Career and Family*; A. Oakley, *Sociology of Housework*; C. Bell, *Middle Class Families*; M. Craft, *Family, Class and Education*; J. Douglas, *All our Future*; J. Newson, *Patterns of Infant Care in an Urban Community*; R. Frankenberg, *Communities in Britain*; R. E. Pahl, *Patterns of Urban Life*; C. Bell and H. Newby, *Community Studies*, J. Jackson, *Irish in Britain*; S. J. Gould (Ed.), *Jewish Life in Modern Britain*; M. Banton, *Racial Minorities*; D. Hiro, *Black British, White British*. Additional reading lists will be given for class work.

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So120(a) The Social Structure of Modern Britain (Classes)

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.

So121 The Social Structure of the Soviet Union

Lecturer to be announced.

Sessional.

This course may not be given in 1981-82.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

Syllabus Major aspects of Soviet social structure will be examined in relation to problems of industrialisation and social change. Particular attention will be given to the analysis of: population and the family, urban and rural structure, the distribution of power, the economy, collectivisation, social stratification and mobility, the education system, social welfare, trade unions, religion, nationalities, and the military. Problems of information, the role of ideology, cohesion, conflict and social change will also be discussed. The course will also include the comparative analysis of the Soviet Union as a model of industrialisation. **Recommended reading** will be given during the course.

So121(a) The Social Structure of the Soviet Union (Classes)

Twenty classes, Michaelmas and Lent Terms.

This course may not be given in 1981-82.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

So122 The Development of Modern Japanese Society

Professor Thurley. Twenty-two lectures, Sessional.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

Syllabus Culture, social structure and social change; Japanese ideas and assumptions. Social and economic change in the Tokugawa period. The development of political and industrial elites. Social change in agrarian communities. Urban development in Japan. Educational policy

and the educational revolution. The development of large scale organization and managerial ideology. The growth of Trade Unions and the post-war industrial relations system. The labour market and changes in occupational structure. The dynamics of growth and the nature of Japanese capitalism.

So122(a) The Development of Modern Japanese Society (Classes) Sessional.

So130 Political Sociology Dr Husbands. Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.; M.Sc.

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, de Tocqueville, Pareto, Michels, Mosca, Sorel, Ostrogorski, Weber, Graham Wallas). The relations of the state to other institutions. Social movements, political parties and interest groups: their place in the political process; problems of their inner development; leadership, oligarchy and bureaucracy. The study of political behaviour: participation and non-participation in politics; factors influencing electoral choice; the mass media and public opinion. Decision-making and the political process: the role and social background of political decision-makers. Bureaucracy and the administrative process. Political order and power in modern western societies; the debate over pluralism; the role of values in cohesion; conflict and its institutionalisation; exchange relations in political order. Approaches to the study of ideology. Fascism, its support and the nature of the Fascist state. The post-war far right in western Europe.

Recommended reading R. Dowse and J. Hughes, *Political Sociology*; I. L. Horowitz, *Foundations of Political Sociology*; S. N. Eisenstadt, *Political Sociology*; A. Pizzorno (Ed.), *Political Sociology*; S. M. Lipset, *Political Man*; E. Nordlinger (Ed.), *Politics and Society*; H. Hyman, *Political Socialisation*; R. Bendix and S. M. Lipset, *Class, Status and Power* (2nd edn.); R. Michels, *Political Parties* (Collier edn. with Foreword by S. M. Lipset); A. Mitzman, *Sociology and Estrangement*; R. T.

McKenzie and A. Silver, *Angels in Marble*; M. Weber, "Politics as a Vocation" and "Bureaucracy" in H. H. Gerth and C. W. Mills (Eds.), *From Max Weber*; P. Worsley, *The Trumpet Shall Sound*; R. T. McKenzie, *British Political Parties*; S. Beer, *Modern British Politics*; R. Rose, *The Problem of Party Government* (2nd edn., 1964); G. Sartori, *Parties and Party Systems*; R. Miliband, *The State in Capitalist Society*; V. O. Key, *Politics, Parties and Pressure Groups*; G. Wallas, *Human Nature in Politics*; W. G. Runciman, *Social Science and Political Theory*; A. Ranney (Ed.), *Essays on the Behavioural Study of Politics*; H. Elcock, *Political Behaviour*; N. W. Polsby et al., *Politics and Social Life*; H. H. Eckstein and D. E. Apter (Eds.), *Comparative Politics*; R. Aron, *Main Currents in Sociological Thought*; M. Ostrogorski, *Democracy and the Organisation of Political Parties*; M. Duverger, *Political Parties*; J. LaPalombara and M. Weiner, *Political Parties and Political Development*; A. Leiserson, *Parties and Politics*; G. Mosca, *The Ruling Class*; S. Finer, *Pareto*; C. W. Mills, *The Power Elite*; W. L. Guttsman, *The British Political Elite*; T. B. Bottomore, *Elites and Society*; R. Dahl, *Who Governs?*; A. Rose, *The Power Structure*; R. E. Lane, *Political Ideology*; K. Shell, *The Democratic Political Process*; R. K. Merton and others, *Reader in Bureaucracy*; J. A. Schumpeter, *Capitalism, Socialism and Democracy*; R. E. Lane and D. Sears, *Public Opinion and Ideology*; B. R. Berelson and M. Janowitz (Eds.), *Reader in Public Opinion and Communication*; J. T. Klapper, *The Effects of Mass Communication*; H. D. Lasswell, *Politics; Who Gets What, When, How*; H. D. Lasswell and A. A. Kaplan, *Power and Society*; D. Easton, *A Framework for Political Analysis*; P. Pulzer, *Political Representation and Elections in Britain* (3rd edn.); R. Rose, *Politics in England; Studies in British Politics*; S. Kraus and D. Davis, *The Effects of Mass Communication on Political Behaviour*; B. R. Berelson and others, *Voting*; A. Campbell and others, *The American Voter*; E. Burdick and A. J. Brodbeck (Eds.), *American Voting Behaviour*; D. Butler and D. Stokes, *Political Change in Britain* (2nd edn.); W. Kornhauser, *The Politics of Mass Society*; S. E. Finer, *Anonymous Empire*; M. Harrison, *Trade Unions and the Labour Party since 1945*; D. B. Truman, *The Governmental Process*; G. A. Almond and S. Verba, *The Civic Culture*; L. Pye and S. Verba (Eds.), *Political Culture and Political Development*;

E. Allardt and Y. Littonen, *Cleavages, Ideologies and Party Systems*; S. M. Lipset and S. Rokkan, *Party Systems and Voter Alignments*; S. Rokkan, *Citizens, Elections, Parties*; E. Allardt and S. Rokkan (Eds.), *Mass Politics*; D. Easton and J. Dennis, *Children and the Political System*; N. Poulantzas, *Political Power and Social Classes*; M. Albrow, *Bureaucracy*; B. Jessop, *Traditionalism, Conservatism and British Political Culture*; B. Barry, *Sociologists, Economists and Democracy*; R. Dahrendorf, *Class and Class Conflict in Industrial Society*; R. Benewick, *The Fascist Movement in Britain*; M. Billig, *Fascists*; J. Burnham, *The Managerial Revolution*; R. de Felice, *Interpretations of Fascism*; J. K. Galbraith, *The New Industrial State*; A. Gramsci, *Selections From the Prison Notebooks*; D. Guerin, *Fascism and Big Business*; J. Habermas, *Legitimation Crisis*; M. Kitchen, *Fascism*; W. Laqueur (Ed.), *Fascism: A Reader's Guide*; K. Mannheim, *Ideology and Utopia*; F. Neumann, *Behemoth*; N. Nie et al., *The Changing American Voter*; N. Poulantzas, *Fascism and Dictatorship*; R. Skidelsky, *Oswald Mosley*; A. Sohn-Rethel, *Economy and Class Structure of German Fascism*; W. Sombart, *Why is there no Socialism in the United States?*; L. Trotsky, *The Struggle against Fascism in Germany*; M. Vajda, *Fascism as a Mass Movement*.

So130(a) Political Sociology (Classes)

Twenty classes, Sessional.

So131 Political Processes and Social Change

Mr Stewart. Twenty-three lectures, Sessional.

This course will not be given in 1981-82.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; M.Sc.

Syllabus The nature of political power and the role of political processes in relation to different patterns of social change; theories of the state; patterns of political change in relation to modernisation and industrialisation; class structure and political action; major types of political movements; reformism and revolution; continuity and change in post-revolutionary situations; the politics of underdevelopment.

Recommended reading B. Moore, Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix (Ed.), *State and Society*; R. Bendix,

Nation-Building and Citizenship, Part I; K. Marx, *The Civil War in France*; R. Miliband, *The State in Capitalist Society*; N. Poulantzas, *Political Power and Social Classes*; P. Anderson, 'The Antinomies of Antonio Gramsci' in *New Left Review*; P. Anderson, *Lineages of the Absolutist State*; I. Wallerstein, *The Modern World System*; K. Mannheim, *Man and Society in an Age of Reconstruction*; C. Schorske, *German Social Democracy*; G. Roth, *The Social Democrats in Germany*; A. Gramsci, *The Modern Prince*; R. Miliband, *Parliamentary Socialism*; E. P. Thompson, *The Making of the English Working Class*; J. Foster, *Class Struggle and the Industrial Revolution*; A. S. Cohan, *Theories of Revolution*; F. Engels, *The Peasant War in Germany*; W. Kornhauser, *The Politics of Mass Society*; N. Smelser, *The Theory of Collective Behaviour*; S. M. Lipset, 'Fascism, Left, Right and Centre' in *Political Man*; S. J. Woolf (Ed.), *The Nature of Fascism*; T. Parsons, 'Democracy and Social Structure in Pre-Nazi Germany' and 'Some Sociological Aspects of Fascist Movements' in *Essays on Sociological Theory*; J. Cammett, 'Communist Theories of Fascism', 1920-1935, *Science and Society*, 31, 1966; M. Kitchen, *Fascism*; N. Poulantzas, *Fascism and Dictatorship*; J. Dunn, *Modern Revolutions*; C. Johnson, *Revolutionary Change*; T. Shanin, *The Awkward Class*; I. Deutscher, *The Unfinished Revolution*; B. Moore Jr., *Soviet Politics: The Dilemma of Power*; M. Lewin, *Russian Peasants and Soviet Power*; E. Laclau, *Politics and Ideology in Marxist Theory*; G. Ionescu and E. Gellner (Eds.), *Populism*; I. Horowitz (Ed.), *Masses in Latin America* (Sects. 1, 2, 3, 7, 8, 11, 13, 15, 16); E. Woolf, *Peasant Wars of the 20th Century*.

So131(a) Political Processes and Social Change (Classes)

Mr Stewart. Sessional.

This course will not be given in 1981-82.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II.

So132 Industrialisation and Theories of Social Change

Dr Mouzelis and Dr Roxborough. Twenty lectures, Michaelmas and Lent Terms.

This course will not be given in 1982-83.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.; M.Sc.

Syllabus The main aim of the course is to use major sociological theories of change to examine problems of development/underdevelopment that "Third World" countries are facing today.

Neo-evolutionist theories of modernisation and their relevance in explaining economic backwardness. The concept of structural-functional differentiation and its application in the analysis of "developing" countries. Neo-Marxist theories of underdevelopment. Analysis of underdevelopment in terms of modes of production. Capitalism and the creation of "core" and "peripheral" areas. Classes and other interest groups as obstacles to change. Colonialism and imperialism in relation to problems of development and underdevelopment.

In the light of the above approaches the following problem areas will be examined: industrialisation and economic policy, class structure and development, urbanisation, agrarian structures and peasant movements, military intervention, and political institutions. The focus will be on the relationships between social, economic and political change. Although not exclusively, material for the more empirical part of the course will be drawn from selected Latin American countries.

Recommended reading I. Wallerstein, *The Modern World System*; S. Eisenstadt, *Modernization, Protest and Change*; P. Baran, *The Political Economy of Growth*; H. Bernstein (Ed.), *Underdevelopment and Development*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix, *Nation Building and Citizenship*; *Work and Authority in Industry*; *Ideologies of Management in the course of Industrialization*; A. Gershenkron, *Economic Backwardness in Historical Perspective*; R. Owen and B. Sutcliffe (Eds.), *Studies in the Theory of Imperialism*; G. Kay, *Development and Underdevelopment: A Marxist Analysis*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; K. Griffin, *Underdevelopment in Spanish America*; C. Furtado, *Economic Development of Latin America*; J. Paige, *Agrarian Revolution*; S. Huntingdon, *Political Order in Changing Societies*; A. Stepan, *The Military in Politics*; J. Perlman, *The Myth of Marginality*; J. Petras, *Politics and Social Forces in Chilean*

Development; R. Hansen, *The Politics of Mexican Development*; A. Stephen (Ed.), *Authoritarian Brazil*.

So132(a) Industrialisation and Theory of Social Change

Twenty classes, Michaelmas and Lent Terms.

This course will not be given in 1982-83.

So133 Theories and Problems of Nationalism

Dr A. D. Smith, Professor Cohen, Mr Mayall and Mr Schöpflin.

Twenty lectures, Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.

Syllabus The last two centuries have witnessed a remarkable growth of nations and states, and a rapid proliferation of nationalist movements across the globe, so that today nationalism has become one of the most powerful forces in the modern world. This course seeks to explore some of the sociological theories and historical and political problems surrounding the emergence of nationalism. The first part analyses the structure and functions of nationalisms and their ethnic origins, and then considers the social formation of nations and states in different parts of the world. An important section is devoted to an examination of the main competing economic, cultural and political theories of the emergence and ubiquity of national consciousness and nationalism. In the second part, attention is focused upon the historical and political implications of nationalism, as well as its international ramifications. A variety of issues will be treated, including questions of racism and fascism, nationalism and communism, ethnic separatism, international economic dependency and the emerging global order of nation-states.

Recommended reading B. Akzin, *State and Nation*; S. Baron, *Modern Nationalism and Religion*; K. Minogue, *Nationalism*; H. Kohn, *The Idea of Nationalism* (2nd edn.); H. Seton-Watson, *Nations and States*; N. Glazer and D. Moynihan (Eds.), *Ethnicity, Theory and Experience*; A. D. Smith,

Theories of Nationalism; *The Ethnic Revival*; E. Kedourie, *Nationalism*; E. Kedourie (Ed.), *Nationalism in Asia and Africa*; E. Gellner, *Thought and Change*; C. Tilly (Ed.), *The Formation of National States in Western Europe*; H. B. Davis, *Nationalism and Socialism*; K. Deutsch, *Nationalism and Social Communication* (2nd edn.); J. H. Kautsky (Ed.), *Political Change in Underdeveloped Countries*; D. K. Fieldhouse (Ed.), *The Theory of Capital Imperialism*; D. Lerner, *The Passing of Traditional Society*. **Further reading** H. Rogger and E. Weber (Eds.), *The European Right*; G. Mosse, *The Crisis of German Ideology*; *The Political Liturgy of Nationalism*; E. Nolte, *Three Faces of Fascism*; H. Seton-Watson, *Communism and Nationalism*; A. D. Smith, *Nationalism in the Twentieth Century*; P. Sugar and I. Lederer (Eds.), *Nationalism in Eastern Europe*; P. Sugar (Ed.), *Ethnic Diversity and Conflict in Eastern Europe*; R. V. Burks, *The Dynamics of Communism in Eastern Europe*; M. Hechter, *Internal Colonialism*; T. Nairn, *The Breakup of Britain*; M. Esman (Ed.), *Ethnic Conflict in the Western World*; T. Hodgkin, *Nationalism in Colonial Africa*; V. Olorunsola (Ed.), *The Politics of Cultural Subnationalism in Africa*; A. Said and L. Simmons (Eds.), *Ethnicity in an International Context*; A. Cobban, *The Nation-State and National Self-determination*; F. Hinsley, *Nationalism and the International System*; I. Wallerstein, *The Modern World System*; R. Aron, *Peace and War*; H. G. Johnson (Ed.), *Economic Nationalism in Old and New States*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*.

So134 Urban Sociology

Dr Husbands. Twenty-two lectures, Sessional.

This course may not be given in 1981-82.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main field Soc.

Syllabus This course both analyses social and economic phenomena that have differential distributions in urban space and also examines the role of space in mediating urban social relationships. Subjects covered under the first of these categories include: contributions to the study of human ecology by the Chicago School, later developments in ecological analysis, the role of urban renewal and slum clearance in affecting urban ecology, and the contributions of the

recently developed Marxist school of urban analysis. Under the second category of subject matter the course examines such issues as urban crowding, territoriality in an urban environment, defensible space, and related issues in the sociology of housing design.

Recommended reading E. C. Banfield, *The Unheavenly City Revisited*; B. J. L. Berry and J. D. Kasarda (Eds.), *Contemporary Urban Ecology*; E. W. Burgess and D. J. Bogue (Eds.), *Contributions to Urban Sociology*; *Urban Sociology*; M. Castells, *The Urban Question*; M. Castells, *City, Class and Power*; C. Cockburn, *The Local State*; Community Development Project, *The Costs of Industrial Change*; L. J. Duhl (Ed.), *The Urban Condition*; J. L. Freedman, *Crowding and Behavior*; H. J. Gans, *People and Plans*; Scott Greer, *Urban Renewal and American Cities*; M. Harloe (Ed.), *Captive Cities*; D. Harvey, *Social Justice and the City*; P. K. Hatt and A. K. Reiss, Jr. (Eds.), *Cities and Society*; Housing Workshop of the Conference of Socialist Economics, *Political Economy and the Housing Question*, *Housing and Class in Britain and Housing, Construction and the State*; T. R. Lee, *Race and Residence*; C. Mercer, *Living in Cities*; W. H. Michelson, *Man and his Urban Environment*, with Revisions; O. Newman, *Defensible Space*; C. G. Pickvance (Ed.), *Urban Sociology*; *Critical Essays*; J. Rex and S. Tomlinson, *Colonial Immigrants in a British City*; D. J. Smith, *Racial Disadvantage in Britain*; M. Stewart (Ed.), *The City*; G. A. Theodorson (Ed.), *Studies in Human Ecology*.

Further reading will be given during the course.

So134(a) Urban Sociology (Classes) Sessional.

So140 Industrial Sociology

Dr S. Hill and Mr Burrage. Twenty lectures, Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For B.Sc. c.u. main fields Soc., Soc. Psych., Man. Sci.; B.Sc. (E. con.) Part II.

Syllabus The relation between industry and other elements of society: politics, education, class stratification. The structure of industrial relations. The internal

organisation of industrial enterprises examined with reference to worker morale and shopfloor structure, supervision and management. The sociology of occupations and professions.

Recommended reading D. Silvermann, *The Theory of Organizations*; S. R. Parker *et al*, *The Sociology of Industry*; N. Mouzelis, *Organization and Bureaucracy*; M. Crozier, *The Bureaucratic Phenomenon*; R. Blauner, *Alienation and Freedom*; J. H. Goldthorpe *et al*, *The Affluent Worker*; D. Lockwood, *The Blackcoated Worker*; R. Dore, *British Factory—Japanese Factory*; G. Bain *et al*, *Social Stratification and Trade Unionism*; M. Mann, *Consciousness and Action among the Western Working Class*; H. Braverman, *Labor and Monopoly Capital*; M. Rose, *Industrial Behaviour*; T. Lane, *The Union Makes Us Strong*; A. Fox, *Beyond Contract—Work, Power and Trust Relations*; E. Roll, *An Early Experiment in Industrial Organization*; E. Surrey Dane, *Peter Stubs and the Lancashire Hand Tool Industry*; C. Wilson and W. J. Reader, *Men and Machines*; W. Rodgers, *Think: a biography of the Watsons and IBM*; A. Nevins, *Ford: the times, the man, the company*; A. Flanders, *The Fawley Productivity Agreements*; P. F. Drucker, *The Concept of the Corporation*; G. S. Gibb, *The Sacro-Lowell Shops: Textile Machinery Building in New England 1813–1949*.

So140(a) Industrial Sociology (Classes)

Twenty classes, Michaelmas and Lent Terms.

This course will not be given in 1981–82.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Soc., Soc. Psych.; B.Sc. S.S. and A.

So141 Sociology of Sex and Gender Roles: Women in Society

Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

Syllabus A comparative study of the roles of men and women in society, and the kind and extent of inequalities between them. An examination of theories of sex discrimination: feminist, Marxist, psychological and biological. Family

structures and their implications for gender roles in the political, economic, occupational, religious, and cultural spheres. Comparative material will be drawn, chiefly from Britain, the United States, Scandinavia and the Soviet Union.

Recommended reading will be given at the beginning of the course.

So141(a) Sociology of Sex and Gender Roles: Women in Society

Twenty-five classes, Sessional.

So142 Sociology of Religion

Mrs Barker and Professor Martin. Twenty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.A. Anth. and Med. Hist.; M.Sc.

Syllabus An introduction to the study of socially shared belief systems, their institutional aspects and relations with the rest of the social order, and their connections with conduct.

Religion in pre-industrial and industrial societies with particular reference to modern Europe and the United States.

Recommended reading will be given during the course.

So142(a) Sociology of Religion (Class)

Michaelmas and Lent Terms.

So143 Criminology

Professor Morris. Thirty-two lectures, Michaelmas and Lent Terms.

For B.Sc. c.u. main fields Soc. Psych., Soc.; B.Sc. (Econ.) Part II. Optional for Dip. Soc. Pol. and Admin. Option I.

Syllabus The sociological conception of crime. Origins and development of criminology. Incidence of crime and problems of measurement. Sociological and other explanatory theories of criminal behaviour. The sociology of social control, with special reference to the modern English penal system. Criminology (i) deals with concepts and theoretical development; Criminology (ii) deals with social control and sanction.

Recommended reading I E. H. Sutherland and D. R. Cressey, *Principles of Criminology*, 7th edn.; T. Morris, *Deviance and Control: the Secular Heresy*; E. Lemert, *Social Pathology*; M. Clinard, *Sociology of Deviance*; D. Gibbons, *Society, Crime, and Criminal Careers*; M. Phillipson, *Sociological Aspects of Crime and Delinquency*. II M. Wolfgang, L. Savitz and N. Johnston, *Sociology of Crime and Delinquency*; M. Clinard and R. Quinney, *Criminal Behaviour Systems*; E. Rubington and M. Weinberg, *Deviance: An Interactionist Perspective*; *The Study of Social Problems*; D. R. Cressey and D. Ward, *Delinquency, Crime and Social Process*; C. Bersani, *Crime and Delinquency*; S. Dinitz, R. Dynes and A. C. Clarke, *Deviance: Studies in the Process of Stigmatization and Societal Reaction*; W. Carson and P. Wiles, *Crime and Delinquency in Britain*. III H. Mannheim, *Comparative Criminology*; B. Wootton, *Social Science and Social Pathology*; H. Becker, *The Outsiders*; K. T. Erikson, *Wayward Puritans*; J. Skolnick, *Justice without Trial*; T. P. and P. J. Morris, *Pentonville*; W. Chambliss, *Crime and the Legal Process*; P. Carlen, *Magistrates' Justice*; V. Aubert (Ed.), *The Sociology of Law*; N. M. Kittrick, *The Right to be Different*.

OTHER SOURCES: The Harper and Row *Social Problems Series*, (Ed.), D. R. Cressey. The President's Crime Commission Report, *Challenge of Crime in a Free Society*. Also the following journals: (U.S.A.) *Social Problems*; *Journal of Criminal Law*; *Criminology*; *Police Science*; (U.K.) *The British Journal of Criminology*; *Howard Journal*.

So143(a) Criminology (Class)

Professor T. P. Morris. Sessional. For B.Sc. c.u. main fields Soc., Soc. Psych. 2nd yr.; B.Sc. (Econ.) Part II.

So144 Sociology of Deviant Behaviour

Dr Downes. Ten lectures, Michaelmas Term.

For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 3rd yr.

Syllabus A systematic introduction to the sociology of deviant behaviour and linked phenomena, which entails discussion of the manner in which deviancy is conceived, forms of deviant organisation, and the nature

of social control. The course will undertake a detailed examination of the history of sociological thought on these matters and will also focus on a number of important empirical examples of the phenomena that the theories consider. In particular stress will be placed upon structural, functional, phenomenological, interactionist, conflict, and ecological perspectives of deviance. **Recommended reading** will be given during the course.

So144(a) Sociology of Deviant Behaviour (Seminar)

Twenty-three seminars, Sessional. For B.Sc. c.u. main field Soc.; B.Sc. (Econ.) Part II. Optional for M.Sc.

DIPLOMA IN SOCIOLOGY

So150 Sociological Theory (Seminar)

Dr Sklair. Fortnightly, Sessional. **Syllabus** The course will consist of a critical evaluation of the works of Marx, Weber, Durkheim and Parsons, and an examination of some of the contemporary developments in modern social theory stimulated by them. **Recommended reading** K. Korsch, *Karl Marx*; R. Bendix, *Max Weber: An Intellectual Portrait*; R. Bierstedt, *Emile Durkheim*; G. Rocher, *Talcott Parsons and American Sociology*; R. Aron, *Main Currents in Sociological Thought*, 2 vols.; H. Stuart Hughes, *Consciousness and Society*; R. Nisbet, *The Sociological Tradition*; A. Giddens, *Capitalism and Modern Social Theory*; P. S. Cohen, *Modern Social Theory*; J. Rex, *Key Problems of Sociological Theory*.

So151 Social Institutions (Seminar)

Dr S. R. Hill. Fortnightly, Sessional. **Syllabus** An introduction to the comparative study of selected aspects of different societies and the characteristic processes which occur within them; historical and contemporary variations in societal organization. Issues of stratification and power relations: slavery, feudalism, oriental despotism, caste and capitalism; bureaucracy, industrialisation, modern industrial society and state socialism. Theoretical issues involved in

comparative sociology, with particular reference to the problem of rationality.

Recommended reading P. Anderson, *Lineages of the Absolutist State*; P. Anderson, *Passages from Antiquity to Feudalism*; M. Archer and S. Giner (Eds.), *Contemporary Europe: Class, Status and Power*; D. Bell, *The Coming of Post-Industrial Society*; R. Bendix and S. M. Lipset (Eds.), *Class, Status and Power* (2nd edn.); M. Bloch, *Feudal Society*; R. Coulborn (Ed.), *Feudalism in History*; L. Dumont, *Homo Hierarchicus*; S. N. Eisenstadt, *Essays in Comparative Institutions*; S. N. Eisenstadt, *The Political Systems of Empires*; M. I. Finley, *Slavery in Classical Antiquity*; J. K. Galbraith, *The New Industrial State*; E. D. Genovese, *In Red and Black*; A. Giddens, *Class Structure of the Advanced Societies*; C. Heller (Ed.), *Structured Social Inequality*; R. Hilton (Ed.), *The Transition from Feudalism to Capitalism*; B. F. Hoselitz and W. E. Moore, *Industrialisation and Society*; E. Kamenka and R. S. Neale, *Feudalism, Capitalism and Beyond*; C. Kerr et al, *Industrialism and Industrial Man*; D. Lane, *The End of Inequality?*; D. Lane, *The Socialist Industrial State*; L. Lindberg et al, *Stress and Contradiction in Modern Capitalism*; R. Martin, *The Sociology of Power*; B. Moore Jr., *Social Origins of Dictatorship and Democracy*; F. Parkin, *Class Inequality and Political Order*; H. Rosenberg, *Bureaucracy, Aristocracy and Autocracy*; B. Wilson (Ed.), *Rationality*; K. Wittfogel, *Oriental Despotism*.

So152 Methods of Social Investigation

Mr Rose. Fortnightly.

M.Sc. SOCIOLOGY FINAL-YEAR, AND OTHER ADVANCED COURSES

So160 Design and Analysis of Social Investigations

Dr Mann and Mr Rose. Twenty meetings, Michaelmas and Lent Terms.

For M.Sc. and M.Phil. (Soc.) 1st yr. Other graduate students may attend only by arrangement with the lecturers.

Syllabus The main problems arising in the

design of social investigations, the collection of data and the analysis and interpretation of results.

Recommended reading Detailed recommendations will be made during the course, but the following may be regarded as introductory reading: E. Nagel, *The Structure of Science*; H. M. Blalock, *An Introduction to Social Research*; N. K. Denzin, *Sociological Methods*; C. Selltiz and others, *Research Methods in Social Relations*; C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; C. Y. Glock (Ed.), *Survey Research in the Social Sciences*; B. S. Phillips, *Social Research: Strategy and Tactics*; S. L. Payne, *The Art of Asking Questions*; A. N. Oppenheim, *Questionnaire Design and Attitude Measurement*; H. Zeisel, *Say it with Figures*; D. P. Forcese and S. Richer (Eds.), *Stages of Social Research*; H. S. Becker, *Sociological Work*; B. Glaser and A. Strauss, *The Discovery of Grounded Theory*.

So161 Design and Analysis of Social Investigations: Project Class

(i) Dr Hopper. Sixteen classes, Michaelmas and Lent Terms.

For M.Sc. Arrangements may be made for students to take an alternative option to this.

(ii) Dr Mann. Fortnightly, Sessional.

For research students.

So162 Social Structure of Industrial Societies

Dr Crouch and Mr Burrage. Sessional. This course will include lectures and seminars.

For M.Sc. and other graduate students.

Syllabus Political power, labour movements and industrial relations, education and work, stratification and social mobility in industrial societies. Problems of comparative analysis. The course will focus on Britain, France, the U.S.S.R. and U.S.A. and Japan. Reading lists and copies of basic statistical tables will be supplied at the first meeting.

So163 Sociology of Development (Seminar)

Dr Mouzelis, Dr A. D. Smith and Dr Roxborough. Twenty meetings, Sessional.

For M.Sc. Other graduate students may attend by arrangement.

Recommended reading B. F. Hoselitz and W. E. Moore, *Industrialisation and Society*; A. and E. Etzioni, *Social Change*; E. Wallerstein, *Social Change: the Colonial Situation*; C. Geertz (Ed.), *Old Societies and New States*; G. M. Meier (Ed.), *Leading Issues in Development Economics*; A. N. Agarwala and S. P. Singh (Eds.), *The Economics of Underdevelopment*; H. Myint, *The Economics of Developing Countries*; A. W. Lewis, *The Theory of Economic Growth*; A. Gerschenkron, *Economic Backwardness in Historical Perspective*; W. W. Rostow, *The Stages of Economic Growth*; B. F. Hoselitz, *The Sociological Aspects of Economic Growth*; S. Eisenstadt, *Modernisation—Protest and Change*; B. Moore, Jr., *The Social Origins of Dictatorship and Democracy*; A. G. Frank, *Capitalism and Underdevelopment in Latin America*; P. Baran, *The Political Economy of Growth*; R. Bendix, *Nation-Building and Citizenship*; G. A. Almond and J. S. Coleman, *The Politics of the Developing Areas*; M. Janowitz, *The Military in the Political Development of New Nations*; J. J. Johnson (Ed.), *The Role of the Military in Underdeveloped Countries*; L. P. Mair, *New Nations*; Peter Worsley, *The Third World*; E. A. Gellner, *Thought and Change*; D. Lerner, *The Passing of Traditional Society*; D. C. McClelland, *The Achieving Society*; J. A. Schumpeter, *The Theory of Economic Development*; C. Kerr et al, *Industrialism and Industrial Man*; R. Bendix, *Work and Authority in Industry*; J. J. Johnson, *Political Change in Latin America: the Emergence of the Middle Sectors*; J. Lambert, *Latin America*; N. J. Smelser and S. M. Lipset, *Social Structure and Mobility in Economic Development*.

So165 Sociology of Deviant Behaviour (Seminar)

Dr Downes and others. Sessional. For M.Sc.

Syllabus and recommended reading will be given at the beginning of the course.

So166 Sociology of Religion (Seminar)

Professor D. A. Martin and Mrs Barker. Sessional.

For M.Sc. and other graduate students.

So167 Race Relations (Seminar)

Professor Cohen. Twenty meetings, Sessional.

This course will not be given until further notice.

For M.Sc. and other graduate students.

So168 Political Change and Political Development (Seminar)

Mr Stewart. Sessional.

This course will not be given in 1981–82.

For M.Sc. and other graduate students.

Recommended reading B. Moore, Jr., *Social Origins of Dictatorship and Democracy*; R. Bendix (Ed.), *State and Society*; R. Bendix, *Nation-Building and Citizenship*; P. Anderson, *Lineages of the Absolutist State*; I. Wallerstein, *The Modern World System*; W. Kornhauser, *The Politics of Mass Society*; N. Smelser, *Theory of Collective Behaviour*; J. Foster, *Class, Struggle and the Industrial Revolution*; E. P. Thompson, *The Making of the English Working Class*; Z. Bauman, *Between Class and Elite*; N. Poulantzas, *Fascism and Dictatorship*; S. J. Woolf (Ed.), *The Nature of Fascism*; G. Roth, *The Social Democrats in Imperial Germany*; M. Liebman, *The Russian Revolution*; B. Moore, Jr., *Soviet Politics*; R. Medvedev, *Let History Judge*; E. Laclau, *Politics and Ideology in Marxist Theory*; G. Ionescu and E. Gellner (Eds.), *Populism*.

So169 Nationalism (Seminar)

Dr A. D. Smith, Professor Cohen, Mr Mayall and Mr Schöpflin. Sessional.

For M.Sc. and other graduate students.

Syllabus The aim of this course is to examine the parallels, differences and interrelations of nationalist experience in Europe and in Africa, Asia and the Americas. The first part considers the main concepts and theories in the field, with particular attention to the role of communications, imperialism, political messianism, language and the intelligentsia, and the bureaucratic state. The second part will seek to compare European nationalisms, especially the current ethnic revival, with nationalist movements in the Third World, in the light of the general approaches, and

students will be asked to select particular nationalisms for more intensive study. The topics will include: Concepts of ethnicity, the nation and nationalism; Typologies of nationalism; Modernisation and communications; Imperialism and the 'national bourgeoisie'; Communist nationalisms and populism; Political messianism, and religious nationalisms; Languages and the intelligentsia; Nationalism and the bureaucratic state; Conservative nationalism, racism and fascism; The ethnic revival I: 'internal colonialism'; The ethnic revival II: 'ethnic-nationalism'; Selected 'Third World' movements; Nationalism and internationalism.

Selected reading: H. Seton-Watson, *Nations and States*, 1977; K. Deutsch (Ed.), *Nation-Building*, 1963; J. H. Kautsky (Ed.), *Political Change in Underdeveloped Countries*, 1962; M. Hechter, *Internal Colonialism*, 1975; N. Glazer and D. Moynihan (Eds.), *Ethnicity, Theory and Experience*, 1975; A. D. Smith, *Theories of Nationalism*, 1971; A. D. Smith, *Nationalism in the Twentieth Century*, 1979; A. D. Smith (Ed.), *Nationalist Movements*, 1976; E. Kedourie, *Nationalism*, 1960; E. Kedourie (Ed.), *Nationalism in Asia and Africa*, 1971; E. Gellner, *Thought and Change*, 1964; H. B. Davis, *Nationalism and Socialism*, 1967; M. J. Esman (Ed.), *Ethnic Conflict in the Western World*, 1977; T. Nairn, *The Break-up of Britain*, 1977; E. Kamenka (Ed.), *Nationalism*, 1976; H. Kohn, *The Idea of Nationalism*, 1967; G. Ionescu and E. Gellner (Eds.), *Populism*, 1969; H. Johnson (Ed.), *Economic Nationalism in Old and New States*, 1968.

So170 Sociological Theory (Seminar)

Professor Cohen and Dr Mann. Sessional. This course will be given only if there is sufficient demand. For M.Sc.

Note

Students are also referred to:

Gv239 Political Sociology in Latin America (Seminar)

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ADDITIONAL COURSES FOR UNDERGRADUATES AND GRADUATES

So181 Marxist Ideas and Movements

Dr Swingewood. Michaelmas and Lent Terms.

This course will not be given in 1981-82.

For Interested students.

Syllabus Marx's social and political theory: its development in Kautsky, Lenin, Trotsky. The theories of permanent revolution, hegemony, class consciousness. Analysis of specific Communist parties in terms of ideology and social structure.

Recommended reading will be given during the course.

So182 Marxist Ideas and Movements (Seminar)

Dr Swingewood. Lent and Summer Terms.

This course will not be given in 1981-82.

For interested students.

So183 Sociology of Literature (Seminar)

Dr Swingewood. Fortnightly, Sessional.

For interested students.

Syllabus This seminar will explore the theoretical problems of the sociology of literature and then discuss some empirical work.

So184 Research Seminar on the Sociology of Crime and Deviance

Dr Downes. Twenty seminars, Sessional.

Syllabus The Seminar is intended for students preparing dissertations on the Sociology of Deviance for the M.Phil. and Ph.D. degrees. Designed to encourage public discussion of evolving work, it will enable participants to review their own, others', and general problems encountered in the process of exploring deviant and allied phenomena.

So185 Research Seminar in Political Economy and Social Stratification

Dr Crouch and others. Sessional.

Syllabus The seminar is for research students working within the area described. It is designed to encourage discussion of evolving work of students and teachers, with particular emphasis on comparative studies.

So186 Sociology Department Research Seminar

Fortnightly, Sessional.

For staff and research students.

Note: Students' attention is drawn to the Intercollegiate Seminar in **The Sociology of Islam**, details of which will be posted when available, on the Sociology Department notice board.

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Statistical and Mathematical Sciences

MATHEMATICS

SM100 Basic Mathematics

Professor Binmore. Ten lectures, Lent Term.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Man. Sci., Geog., Soc. Psych.; Dip. Econ.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus Polynomials. Partial fractions. Induction. Binomial theorem. Arithmetic and geometric progression. Further calculus. Inverse trigonometric functions. Standard integrals and techniques of integration. Taylor's theorem and simple Taylor series. (These lectures are offered in conjunction with the course Ec103 Basic Mathematics for Economists. They are essential to those students intending to go on to course SM102 who do not have 'A' level Mathematics.)

Recommended reading G. C. Archibald and R. G. Lispey, *A Mathematical Treatment of Economics*; G. Freilich and F. Greenleaf, *Calculus*; Bers and Karal, *Calculus*.

SM100(a) Basic Mathematics Class

Ten classes, Lent Term.

SM101 Introduction to Algebra

Dr Freedman. Forty-five lectures, Sessional.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 1st yr.; B.Sc. (Econ.) Parts I and II.

Syllabus Vector spaces. Linear transformations and matrices. Systems of Linear equations. Inner product spaces. Eigenvalues and quadratic forms.

Elementary group and ring theory with particular reference to Euclidean Rings. **Recommended reading** S. Lipschutz, *Theory and Problems of Linear Algebra*; P. M. Cohn, *Algebra* Vol. 1 (Chapters 1-9); N. Ya Vilenkin, *Stories about sets*; I. N. Herstein, *Topics in Algebra* (Chapters 1-3).

SM101(a) Introduction to Algebra Class

Forty-five classes, Sessional.

SM102 Elementary Mathematical Methods

Dr Bell and Dr Alpern. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci. 1st yr.; Geog.; Dip. Stats.; Dip. Econ.; Dip. O. R.; Dip. Man. Sci.

Syllabus Real and complex numbers. Sets and functions. Differentiation and integration in one and several variables. Elementary optimisation. Simple differential and difference equations. Vectors, matrices and determinants. Eigenvalues and quadratic forms. Vector spaces and linear transformations. Solution of systems of linear equations.

Recommended reading G. Hadley, *Linear Algebra*; L. Bers and F. Karal, *Calculus*; T. Yamane, *Methods for Economists*. The following small books in the "Library of Mathematics" series: *Complex Numbers*; *Partial Derivatives*; *Multiple Integrals*. The "Schaum Outline Series" book, *Calculus* by F. Ayres, and *Linear Algebra* by Lipschutz.

SM102(a) Elementary Mathematical Methods Class

Classes, Sessional.

SM103 Introduction to Analysis and Set Theory

Professor Binmore. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci., Geog.; Dip. Econ.

Syllabus Elementary set theory. The real number system. Convergence and continuity. Differentiation and integration. Point set topology. Analysis in finite dimensional spaces.

Recommended reading K. G. Binmore, *Mathematical Analysis: A Straightforward Approach*; K. G. Binmore, *Foundations of Analysis: A Straightforward Introduction*; J. C. Burkhill, *An Introduction to Mathematical Analysis*; D. A. Quadling, *Mathematical Analysis*.

SM103(a) Introduction to Analysis and Set Theory Class

Twenty classes, Sessional.

SM104 Further Analysis

Professor Binmore. Twenty-five lectures, Michaelmas and Lent Terms. (This course is taught in association with King's College where additional lectures will be given, beginning in the second half of the Lent Term.)

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.; B.Sc. (Econ.) Part II.

Syllabus Analysis in Metric spaces. Derivatives of vector functions. Complex Analysis. **Recommended reading** K. G. Binmore, *Foundations of Analysis: A Straightforward Introduction*; H. L. Royden, *Real Analysis*; J. C. Burkhill and H. Burkhill, *A Second Course in Mathematical Analysis* (Chapter 7); J. F. C. Kingman and S. J. Taylor, *Introduction to Measure and Probability*; G. F. Simmons, *Introduction to Topology and Modern Analysis*.

SM104(a) Further Analysis Class

Classes, Sessional.

SM105 Further Algebra

Dr Freedman. Ten lectures of two hours, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.

Syllabus Topics in commutative rings. Modules over a principal ideal domain. Application to abelian groups and matrices. **Recommended reading** B. Hartley and T. O. Hawks, *Rings, Modules and Linear Algebra* (Parts I and III); S. MacLane and G. Birkhoff, *Algebra* (Chapters 4, 6 and 10); P. M. Cohn, *Algebra*, Vol. 1 (Chapters 10-11).

SM105(a) Further Algebra Class

Dr Freedman. Fourteen classes, Michaelmas and Summer Terms.

SM105(b) Further Algebra Seminar

Dr Freedman. Ten seminars of two hours, Lent Term.

SM106(i) Games

Professor Binmore and Dr Shaked. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 2nd or 3rd yr.; M.Sc. prelim. and final yrs.; Dip. Econ.

Syllabus Formal games and their classification. Strictly competitive (zero-sum) games. Poker and bluffing. Non-cooperative games. Negotiation and cooperation. Core. Nash bargaining solution. Side payments. Von Neumann and Morgenstern solutions and other theories of coalition formation. **Recommended reading** R. Luce and H. Raiffa, *Games and Decisions*; G. Owen, *Game Theory*.

SM106(ii) Utility, Risk and Uncertainty

Professor Binmore. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc. prelim. and final yrs.

Syllabus Preferences and utility. Probability and Von Neumann utility. The Savage theory of subjective probability. Bayes theorem. Information. Collective choice. **Recommended reading** R. Luce and H. Raiffa, *Games and Decisions*; K. Borsch, *Economics of Uncertainty*.

SM106(a) Games, Decisions and Gambling Class

Thirty classes, Michaelmas and Lent Terms.

SM107 Applied Abstract Analysis

Dr Ostaszewski. Thirty-five lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 3rd yr.; M.Sc. prelim. and final yrs.

Syllabus Selected topics from the following: (i) Functional Analysis and Optimization. (Banach spaces, Hahn-Banach Theorem, Operator Derivatives, Abstract Lagrange Multipliers.) (ii) Control Theory. (Calculus of Variations, Pontryagin Theory, Linear Systems, Feedback Control, Stability.)

- (iii) Continuum Economics. (Lebesgue measure of coalition, mean demand, equivalence theorem, limit theorems.)
 (iv) Special topic to be announced.

SM107(a) Applied Abstract Analysis Class

Dr Ostaszewski. Twenty classes, Michaelmas and Lent Terms.

SM108 Ideas in Mathematics and Science

Dr Bell. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr., M.Sc.

Syllabus Problems and paradoxes of the Greeks and their role in the development of number ideas (trisection of angles, duplication of cube, squaring of circle.

Zeno's paradoxes. Pythagoras. Eudoxus, Archimedes). Parallel Postulate.

Non-Euclidean geometries. Axiomatic Method. Godel's theorem. Mass, Energy, Momentum etc. Newtonian Mechanics. Einstein and relativity. Cosmology. Black holes. Probability ideas. Statistical Mechanics.

Recommended reading E. Bell, *Men of Mathematics*; C. Boyer, *A History of Mathematics*; A. Einstein and L. Infeld, *Evolution of Physics*; E. Mach, *The Science of Mechanics*; H. Eves, *An Introduction to the History of Mathematics*; A. Einstein, *Relativity: A Popular Approach*.

SM108(a) Ideas in Mathematics and Science Class

Twenty classes, Michaelmas and Lent Terms.

SM109(i) Introduction to Topology

Dr Alpern. Twenty lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc.

Syllabus Sets, relations, orderings and functions. Cardinal numbers. Introduction to general topology. Continuity, compactness, connectedness, correspondences and completeness. Strong and weak topologies.

Recommended reading P. R. Halmos, *Naive Set Theory*; H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; S. Lipschutz, *General Topology* (Schaum Outline Series); J. Hocking and G. Young, *Topology*.

SM109(ii) Convexity and Duality

Dr Alpern. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc.

Syllabus Systematic account of convexity in finite dimensional spaces. Application to systems of linear inequalities matrix games and mathematical programming. Duality.

Recommended reading The Open University texts, *Linear functionals and duality*; *Affine geometry and convex cones*; E. D. Nering, *Linear Algebra and Matrix Theory*; J. Franklin, *Methods of Mathematical Economics*.

SM109(iii) Fixed Point Theorems

Dr Alpern. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil., Man. Sci. 2nd or 3rd yr.; M.Sc.

Syllabus Banach, Brouwer and Kakutani fixed point theorems. Applications.

Recommended reading H. Nikaido, *Introduction to Sets and Mappings in Modern Economics*; K. Kuratowski, *Introduction to Set Theory and Topology*; A. Kolmogorov and S. Fomin, *Functional Analysis*; D. R. Smart, *Fixed Point Theorems*.

SM109(a) Topology and Convexity Class

Twenty classes, Michaelmas and Lent Terms.

SM110 Sets and Models

Dr Bell. Forty lectures, Michaelmas and Lent Terms.

For B.Sc. c.u.; Dip. Logic and Sci. Meth.; M.Sc.

Syllabus Axiomatic approach to set theory. Cardinals and ordinals. The axiom of choice. First-order languages and their models. Completeness and Löwenheim-Skolem theorems. The elementary chain theory and its consequences.

Recommended reading J. Bell and A. Slomson, *Models and Ultraproducts: An Introduction*; J. Bell and M. Machover, *A Course in Mathematical Logic*; K. Kuratowski and A. Mostowski, *Set Theory*.

SM110(a) Class

Twenty classes, Michaelmas and Lent Terms.

SM111 Axiomatic Set Theory

Dr. Bell. Thirty hours, Lent and Summer Terms.

For M.Sc.; Dip. Logic and Sci. Meth.

Syllabus Axiomatic development of Zermelo-Fraenkel set theory. Definitions by transfinite induction. Constructible sets. Consistency of the axiom of choice and the generalised continuum hypothesis.

Recommended reading J. Bell and M. Machover, *A Course in Mathematical Logic*; P. Cohen, *Set Theory and the Continuum Hypothesis*; J. Krivine, *Théorie Axiomatique des Ensembles*; Drake, *Set Theory*.

SM112(i) Algebra

Dr Freedman. Twenty hours, Lent Term of session 1981-82.

For B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Maths. and Phil. 2nd or 3rd yr.

SM112(ii) Category Theory

Syllabus Functors and natural transformations. Limits and colimits. Adjoint. Completion. Algebraic categories. Abelian categories.

Recommended reading S. MacLane, *Categories for the Working Mathematician*.

SM113 Mathematical Methods

Dr Ostaszewski. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci., Maths. and Phil. 2nd yr.; Dip. Stats.; Dip. Econometrics; Dip. O. R.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus (i) Integration and Transforms. Riemann-Stieltjes integral, manipulation of integrals. Multiple integrals. Convolutions. Laplace Transforms.

(ii) Matrix Analysis. Vector Spaces (revision) Wronskian. Geometry in R^n (orthogonality,

Gram-Schmidt, conjugate directions). Rank of matrices. Spectral Theory. Positive definiteness. Upper triangular and block diagonal form. Tridiagonal form (Householder's method). Projections and least squares. Generalized inverses.

(iii) Convexity and Programming. Convexity. Separating hyperplane. Linear inequalities. Linear programming. Zero-sum games. Simplex method. Concave functions. Kuhn-Tucker theorem.

(iv) Differential Equation. Linear ordinary differential equations. Simultaneous systems, stability. Solution by series expansion (power series, Fourier series).

(v) Calculus of Variations. (Introductory treatment.)

Recommended reading (i) M. R. Spiegel, *Advanced Calculus*; M. R. Spiegel, *Laplace Transforms*; **(ii) and (iii)** B. Noble, *Applied Linear Algebra*; R. Bellman, *Matrix Analysis*; **(iv) and (v)** L. Elsgolts, *Differential Equations and Calculus of Variations*; E. L. Ince, *Differential Equations*.

SM113(a) Mathematical Methods Class

Classes, Sessional.

SM114 Informal Seminar

Dr Freedman. Twelve hours. This is intended primarily for 1st yr. specialists in pure mathematics.

STATISTICS

SM200 Basic Statistics

Mr Harvey and Dr Phillips. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main field Man. Sci.; Dip. Acct.; Dip. Bus. Studies; Dip. Econ.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus Descriptive statistics, elements of probability, special distributions, elements of inference, correlation and regression, contingency tables and goodness of fit, sampling from finite populations.

Recommended reading T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics*; G. M. Clarke and D. Cooke, *A Basic Course in Statistics*; P. G. Hoel, *Elementary Statistics*.

SM200(a) Basic Statistics Class

SM202 Statistical Methods for Social Research

Professor Bartholomew and Mrs Spitz. Twenty-three lectures, Sessional.

First eighteen lectures for B.Sc. c.u. main field Soc. 1st yr.; B.Sc. (Econ.) Part II; B.Sc. S.S. and A. 1st yr.; Dip. Soc.

Whole course for B.Sc. c.u. main field Soc. Psych. 1st yr.

Syllabus Elements of descriptive statistics. Elementary probability. Survey sampling, sampling distributions, elements of statistical inference, estimation and hypothesis testing. Association in contingency tables.

Two-variable correlation and regression. Elementary non-parametric techniques. **Recommended reading** H. M. Blalock, *Social Statistics*; D. Rowntree, *Statistics without Tears*; K. A. Yeomans, *Statistics for the Social Scientist*, Vols. I and II; F. R. Jolliffe, *Commonsense Statistics for Economists and Others*; H. J. Loether and D. G. McTavish, *Descriptive Statistics for Sociologists* Vol. I; H. J. Loether and D. G. McTavish, *Inferential Statistics for Sociologists*; C. A. O'Muircheartaigh and D. Pitt-Francis, *Dictionary of Statistics*.

SM202(a) Statistical Methods for Social Research Class

Twenty or Twenty-three classes.

SM204 Elementary Statistical Theory

Professor Stuart and Dr C. S. Smith. Forty lectures, Sessional.

For B.Sc. (Econ.) Parts I and II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci. 1st yr., Geog.; Dip. Econ.; Dip. O. R.; Dip. Man. Sci.; M.Sc. prelim. yr.

Syllabus Descriptive statistics. Probability and distribution theory. Sampling. Estimation and tests of hypotheses. Statistical relationship. Regression. Correlation. Analysis of Variance.

Recommended reading INTRODUCTORY: P. G. Hoel, *Elementary Statistics*; J. L. Phillips, *Statistical Thinking*. GENERAL: J. E. Freund, *Modern Elementary Statistics*; R. E. Walpole, *Introduction to Statistics*; R. J. and T. H. Wonnacott, *Introductory Statistics*; P. L. Meyer, *Introductory Probability with Statistical Applications*.

Further references will be given during the course. Students are advised not to purchase books in connection with this course before its commencement.

SM204(a) Elementary Statistical Theory Class

Sessional.

SM206 Probability and Distribution Theory

Professor Hajnal and Dr C. S. Smith. Thirty lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; M.Sc. prelim. yr.; Dip. Econometrics; Dip. Econ.

Syllabus Sample spaces. Definitions and rules of probability. Conditional probability. Independence. Random variables and calculus of expectations. Frequency-generating functions. Bernoulli trials. Binomial, negative binomial, Poisson, hypergeometric, multinomial distributions. Distribution and density functions. Exponential and uniform distributions. Moments, cumulants and their generating functions. Distributions of sums. Weak law of large numbers and Central Limit theorem. Change of variables technique. Beta and gamma distributions. Distributions associated with the normal, including F, χ^2, t and the bivariate normal.

Recommended reading A. M. Mood, F. A. Graybill and D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.); R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); P. L. Meyer, *Introductory Probability and Statistical Applications*; B. W. Lindgren, *Statistical Theory* (3rd edn.); W. Feller, *An Introduction to Probability Theory and its Applications* (Vol. 1).

SM206(a) Probability and Distribution Theory Class

Twenty classes, Sessional.

SM207 Estimation and Tests

Professor Durbin. Twelve lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Stats.; Dip. Econometrics; Dip. Econ.; M.Sc. prelim. yr.

Syllabus Criteria of estimation: consistency, unbiasedness, efficiency, minimum variance. Sufficiency. Maximum likelihood estimation

and its properties. Confidence intervals. Tests of simple hypotheses. Likelihood ratio tests.

Recommended reading B. W. Lindgren, *Statistical Theory* (3rd edn.); R. V. Hogg and A. T. Craig, *Introduction to Mathematical Statistics* (3rd edn.); A. M. Mood, F. A. Graybill and D. C. Boes, *Introduction to the Theory of Statistics* (3rd edn.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II (chaps. 17, 18, 22).

SM207(a) Estimation and Tests Class

Professor Durbin. Five classes, Lent and Summer Terms.

SM210 Analysis of Variance and Quality Control

Dr Howard. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus One and two way classifications. Batch acceptance/rejection, continuous process control.

Recommended reading R. B. Miller and D. W. Wichern, *Intermediate Business Statistics*; T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics for Business and Economics* (2nd edn.); J. Neter and W. Wasserman, *Applied Linear Statistical Models*; G. B. Weatherill, *Sampling Inspection and Quality Control*.

SM210(a) Analysis of Variance and Quality Control Class

Five fortnightly classes, Michaelmas Term.

SM211 Time Series and Forecasting

Mr Harvey. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus Trend, seasonality, stationarity, exponentially weighted moving average forecasts. ARMA models, Box-Jenkins forecasting.

Recommended reading R. B. Miller and D. W. Wichern, *Intermediate Business Statistics*; W. Gilchrist, *Statistical Forecasting*; C. Chatfield, *The Analysis of Time Series—Theory and Practice*.

SM211(a) Time Series and Forecasting Class

Five fortnightly classes, Lent Term.

SM212 Applied Regression Analysis

Lecturer to be announced. Ten lectures, Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus Multiple linear regression, transformation of data, stepwise and best subsets regression.

Recommended reading R. B. Miller and D. W. Wichern, *Intermediate Business Statistics*; T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics for Business and Economics* (2nd edn.); J. Neter and W. Wasserman, *Applied Linear Statistical Models*.

SM212(a) Applied Regression Analysis Class

Five classes, Lent Term.

SM213 Survey Methods

Dr Phillips. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 2nd or 3rd yr.; Dip. Man. Sci.

Syllabus Principles of sampling, stratification, clustering and the multistage sample, applications in market research and accounting. Major government surveys. Questionnaire design. Non-sampling errors.

Recommended reading G. Kalton and C. Moser, *Survey Methods in Social Investigation*.

SM213(a) Survey Methods Class

Five classes, Lent Term.

For students taking Statistical Techniques for Management Sciences.

SM213(b) Survey Methods Class

Five classes, Lent Term.

For students taking Statistical Techniques and Packages.

SM214 Social Statistics

Mrs Spitz. Seven hours, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Stats.

Syllabus Design of investigations in the social sciences: surveys, experiments, quasi experiments, retrospective and longitudinal studies.

Recommended reading C. A. Moser and G. Kalton, *Survey Methods in Social Investigation*; L. Kish, *Survey Sampling*; H. M. Blalock, *An Introduction to Social Research*; L. Festinger and D. Katz, *Research Methods in the Behavioural Sciences*; W. J. Goode and P. K. Hatt, *Methods in Social Research*.

SM215 Sample Survey Theory

Professor Stuart. Fifteen hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Stats.

Syllabus Sample survey theory including simple random sampling, stratification, multistage sampling. Optimum allocation for given cost function.

Recommended reading W. G. Cochran, *Sampling Techniques*; L. Kish, *Survey Sampling*; M. H. Hansen, W. N. Hurwitz and W. G. Meadow, *Sample Survey Methods and Theory*; F. Yates, *Sampling Methods for Censuses and Survey*; A. Stuart, *Basic Ideas of Scientific Sampling*; M. R. Sampford, *An Introduction to Sampling Theory*.

SM216 Multivariate Techniques

Professor Bartholomew. Fifteen hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.; Dip. Stats.

Syllabus Principal components, cluster analysis, factor analysis and multidimensional scaling. Examples of the application of packages to multivariate data.

SM217 Further Statistical Theory and Methods

Professor Stuart. Fifteen lectures, Lent and Summer Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr. **Syllabus** Minimum variance estimation. The Rao-Blackwell theorem, completeness and the exponential family of distributions. Distribution-free methods, outliers and robustness, exploratory data analysis.

Recommended reading to be announced at the beginning of the course.

SM218 Statistical Theory

Professor Durbin and Miss S. A. Brown. Forty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.

Syllabus Estimation and elimination of trend. Seasonal adjustment. Models for stationary time series. Exponential smoothing. Box-Jenkins forecasting. Regression, analysis of variance and the general linear model. Models for contingency tables. Multiple comparisons. Elements of the design of experiments. Implementation of the theory on selected packages.

SM219 Elementary Stochastic Processes

Professor Bartholomew. Twelve lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.

Syllabus Elementary stochastic processes including Markov chains, Poisson processes, compound Poisson processes and risk theory.

SM220 Applications of Stochastic Processes

Professor Bartholomew. Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. 3rd yr.

SM221 Actuarial Applications of Stochastic Processes

Mr H. P. J. Karsten. Lent Term.

For B.Sc. c.u. 3rd yr.

SM222 Marketing and Market Research

For B.Sc. c.u. Man. Sci.; Dip. Man. Sci.; B.Sc. (Econ.) Part II.

(i) Introduction

Professor Douglas. Five hours. **Syllabus** The marketing function within an organization—the role of the marketing manager. Marketing decisions and the marketing manager's information systems. Sources of marketing information.

(ii) Stochastic Models

Mr Balmer. Fifteen hours.

Syllabus Brand-choice models; measures of brand loyalty. Purchase incidence models, purchase timing and market penetration, learning models for new product adoption. Optimal advertising rates.

Recommended reading W. F. Massy, D. B. Montgomery and D. G. Morrison, *Stochastic Models for Buying Behaviour*.

(iii) Research Methods

Mrs Spitz. Thirty-five hours.

Syllabus Problem formulation and research techniques. Design and testing of plans. Market and opinion research; sampling; data collection; analysis; presentation. Applications: retail studies, testing, advertising and public opinion research.

(iv) Measurement and Data Analysis

Dr Phillips. Fifteen hours.

Syllabus Models for perception, attitudes and preferences. Statistical models for the analysis of multi-variate marketing data. Metric and non-metric approaches to scaling and data analysis.

SM230 Economic Statistics

Professor Sir Roy Allen and Dr Dougherty. Thirty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; Dip. Econ.

(i) National Income Accounting

Professor Sir Roy Allen.

Syllabus An introduction to the main sources of macro-economic statistics. GDP: concepts and methods of estimation. Sector accounts. The balance of payments. Index numbers of prices and volume. Measures of real GDP. The terms of trade and the trade gain.

Recommended reading R. G. D. Allen, *An Introduction to National Accounts Statistics*; U.K. Central Statistical Office, *National Income and Expenditure* (annual Blue Book); U.K. *Balance of Payments* (annual Pink Book); *Economic Trends* (monthly); *National Accounts Statistics, Sources and Methods* (1968 edn.).

(ii) Statistical Theory and Applications

Dr Dougherty.

Syllabus Simple and multiple regression analysis. Misspecification bias. Dummy

variables. Multicollinearity. Serial correlation. Heteroscedasticity. Errors in variables. The identification problem. Demand analysis. Surveys of the empirical literature on aggregate consumption and production functions.

Recommended reading Students who have not taken a statistics course in Part I will find the course easier if they read either P. G. Hoel, *Elementary Statistics* or J. E. Freund, *Modern Elementary Statistics* in the preceding summer vacation. There is no ideal textbook for the course itself, but any of the following would be useful: R. E. Beals, *Statistics for Economists*; J. D. Hey, *Statistics in Economics*; G. S. Maddala, *Econometrics*; J. J. Thomas, *Introduction to Statistical Analysis for Economists*; R. E. Walpole, *Introduction to Statistics*; R. J. Wonnacott and T. H. Wonnacott, *Introductory Statistics*.

(iii) International Trade and the Balance of Payments

Professor Sir Roy Allen.

Syllabus International trade in goods and services. Indices of prices and volume of trade; the terms of trade. The U.K. balance of payments and its relation to the national income accounts.

Recommended reading U.K. Central Statistical Office, *United Kingdom Balance of Payments* (annual) and other sources specified during the course.

SM230(a) Economic Statistics Classes

Sessional, beginning in the second week of the Michaelmas Term.

SM231 Econometric Theory (Second Year)

Mr Davidson. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.; Dip. Econometrics; M.Sc. prelim. yr. **Syllabus** This course will cover multiple regression.

SM231(a) Econometric Theory Classes

Ten classes, Michaelmas Term.

SM232 Econometric Theory (Third Year)

Mr Harvey and Mr Davidson.
Twenty hours, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.: Dip. Econometrics; Dip. Stats.; M.Sc. prelim. and final yrs.

Syllabus Principles of estimation and testing; maximum likelihood; model specification; dynamic models; simultaneous equation systems.

Recommended reading H. Theil, *Principles of Econometrics*; A. C. Harvey, *The Econometric Analysis of Time Series*; J. Johnson, *Econometric Methods*.

SM232(a) Econometric Theory Classes

Twenty classes, Michaelmas and Lent Terms.

SM234 Sources of Social Statistics

Dr Phillips, Dr Nossiter, Mr Langford, Dr Mann, Mr Hall Williams, Professor Abel-Smith, Dr Whitehead and Dr Bulmer. Ten lectures, Lent Term.

For Dip. Stats.; optional for B.Sc. S.S. and A. 1st yr.; research students.

This course is designed as a guide to statistical sources and is suitable for both undergraduates and postgraduates who are interested. Its aim is to assess the major sources and their comparability in the areas of social statistics discussed.

Syllabus The nature and sources of social statistics, with particular reference to Britain. Objectives in the collection of such data. Conceptual problems: reliability and validity. Sources and their comparability. Lecture 1 (week 1) Introduction; levels of living; 2. Political and social attitudes; 3. Population; 4. Employment; 5. Social class; 6. Crime; 7. Health; 8. Housing; 9. Education; 10. Race and Ethnicity.

Reading will be provided for each lecture. A general source referred to throughout will be the current issue of *Social Trends* (H.M.S.O.).

Note: Courses SM235 and SM236 will be taught in alternate years.

SM235 Actuarial Investigations: Statistical and Financial

Mr H. Karsten. Fifty hours, Sessional 1982–83.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci. 2nd or 3rd yr.

Syllabus Basic principles of compound interest, basic functions and equations of value, discounted cash flow terminology and methods of investment appraisal, the annuity certain, capital redemption policies, determination of the rate of interest in a given transaction, valuation of securities, cumulative sinking funds, effect of taxation, effect of variations in interest rates, investment matching by term. Decremental rates and other indices, analysis of experience data and derivation of exposed to risk formulae, calculation of mortality sickness and other decremental rates including multiple decrement rates, selection, graduation methods and their application, curve fitting, tests of graduation, modern methods for large investigations, features of principal tables in common use, national vital statistics and population projection, applications outside insurance.

Recommended reading D. W. A. Donald, *Compound Interest and Annuities Certain*; B. Benjamin and H. W. Haycocks, *The Analysis of Mortality and Other Actuarial Statistics*; Registrar General's Decennial Supplement. *Life Tables* 1971; P. R. Cox, *Demography*.

SM235(a) Actuarial Investigations II: Statistical and Financial Classes
In connection with course SM235.

SM236 Actuarial Life Contingencies
Mr. H. Karsten. Forty-five lectures, Sessional 1981–82.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.

Syllabus Construction of mortality, sickness, multiple decrement and other similar tables from graduated data, determination and use of functions based thereon. Values of and premiums for annuities and assurances on one or more lives. Reserves for financial contracts. Values of and contributions for sickness benefit, pension benefits, disability and widows' and orphans' benefits.

Recommended reading A. Neil, *Life Contingencies*; Institute of Actuaries special note: *A Statistical Approach to Life Contingencies*.

SM236(a) Actuarial Life Contingencies Class

Twenty classes, Michaelmas and Lent Terms. In connection with course SM236.

ADVANCED STATISTICS COURSES

SM250 Advanced Probability and Stochastic Processes

Professor Hajnal and Mr Balmer. Forty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Axioms of Probability Theory. Random variables. Independence. Expected values. Characteristic functions. Sequences of distribution and characteristic functions. Limit theorems including the central limit theorem. Renewal processes. Random walks. Markov chains and processes. Risk Theory. Markov renewal processes. Brownian motion.

Recommended reading B. V. Gnedenko, *The Theory of Probability*; P. Whittle, *Probability*; C. R. Heathcote, *Probability*; M. Fisz, *Probability Theory and Mathematical Statistics*; D. R. Cox and H. D. Miller, *The Theory of Stochastic Processes*; S. M. Ross, *Applied Probability Models with Optimization Applications*.

SM250(a) Advanced Probability and Stochastic Processes Class

Fifteen classes, Michaelmas and Lent Terms.

SM251 Markov Chains and Processes

Professor Hajnal. Twenty hours, Michaelmas Term.

For M.Sc.

Syllabus Markov chains with finite number of states in discrete and continuous time. Poisson process.

SM254 Multivariate Analysis

Dr C. S. Smith and Mr H. Karsten. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Multivariate distributions. Multiple regression analysis. Principal component analysis. Discriminant analysis. Canonical analysis. Multivariate analysis of variance. Factor analysis. Cluster analysis. Multidimensional scaling.

Recommended reading M. G. Kendall, *Multivariate Analysis*; K. V. Mardia, J. T. Kent and J. M. Bibby, *Multivariate Analysis*.

SM255 Distribution-Free Methods and Robustness

Professor Durbin and Professor Stuart. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus The rationale of distribution-free methods. Tests of Goodness-of-fit. Rank tests. Permutation Theory. M-Estimators. The influence function. Jack-knife methods. **Recommended reading** M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. II, chaps. 30, 31 and 32; J. Hajek and I. Sidk, *The Theory of Rank Tests*; M. Hollander and D. A. Wolfe, *Nonparametric Statistical Methods*; H. L. Gray and W. R. Schucany, *The Generalised Jack-Knife Statistic*.

SM256 Analysis of Categorical Data
Professor Stuart. Ten lectures, Lent and Summer Terms.

For M.Sc.

Syllabus Measurement of association in unordered and ordered two-way tables. Canonical correlations, three-way tables, interactions. Models for tables. **Recommended reading** M. G. Kendall and A. Stuart, *Advanced Theory of Statistics*, Vol. II, chap. 33; R. L. Plackett, *Analysis of Categorical Data*; Y. M. Bishop, S. E. Fienberg and P. W. Holland, *Discrete Multivariate Analysis: Theory and Practice*.

SM257 Basic Time-Series Analysis

Professor Durbin and Mr Harvey. Two hours per week, Michaelmas Term.

Syllabus Basic structure of time series. Stationarity. Autocorrelation.

Autoregressive-moving average models. Fitting and Testing of models. Forecasting, including Box-Jenkins methods. Effects of autocorrelation on regression analysis. Tests of serial independence. Wold decomposition.

Recommended reading M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III; E. J. Hannan, *Time Series Analysis; Multiple Time Series*; W. A. Fuller, *Introduction to Statistical Time Series*; G. E. P. Box and G. M. Jenkins, *Time Series Analysis, Forecasting and Control*; C. R. Nelson, *Applied Time Series Analysis for Managerial Forecasting*; E. Malinvaud, *Statistical Methods of Econometrics*; T. W. Anderson, *The Statistical Analysis of Time Series*.

SM258 Further Time-Series Analysis

Professor Durbin. Two hours per week, Lent Term.

For M.Sc.

Syllabus Periodogram and spectrum. Tests of serial independence in the frequency domain. Estimation of spectrum. Cross-spectral methods. Fitting of time-series models. Time series analysis in the frequency domain. Spectral representation and spectral density. Effect of linear filtering on the autocorrelation function and the spectral density. Periodogram and estimation of the spectrum. Tests of serial independence in the frequency domain. Cross-spectral methods. Fitting of time series models in the frequency domain.

Recommended reading As for Course SM257 together with P. Bloomfield, *Fourier Analysis of Time Series: An Introduction*; C. W. J. Granger and M. Hatanaka, *Spectral Analysis of Economic Time Series*; G. M. Jenkins and D. G. Watts, *Spectral Analysis and its Applications*.

SM259(i) Advanced Social Statistics

Mrs Spitz. Ten lectures, Michaelmas Term.

For M.Sc.

Syllabus Experimental and quasi-experimental designs in the social sciences. Retrospective investigations, longitudinal studies and the analysis of explanatory surveys.

Recommended reading D. T. Campbell and J. C. Stanley, *Experimental and Quasi-experimental Designs in Social Research*; C. A. Moser and G. Kalton, *Survey*

Methods in Social Investigation; E. J. Webb et al., *Unobtrusive Measures*; C. W. Harris, *Problems in Measuring Change*; J. A. Caporaso and L. L. Roos, *Quasi-Experimental Approaches*.

SM259(ii) Advanced Social Statistics

Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.

Syllabus Social applications of regression analysis, latent variable models, principal component analysis, multi-dimensional scaling, cluster analysis.

Recommended reading A. E. Maxwell, *Multivariate Analysis in Behavioural Research*; C. Chatfield and A. J. Collins, *Introduction to Multivariate Analysis*; M. G. Kendall, *Multivariate Analysis* (2nd edn.); C. A. O'Muircheartaigh and C. Payne, *Analysis of Survey Data* (2 Vols.); B. Everitt, *Cluster Analysis*.

SM260 Models for Education and Manpower Planning

Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.

Syllabus The statistical analysis of labour turnover, Markov chain and renewal theory models for manpower forecasting and control, simulation models.

Recommended reading D. J. Bartholomew (Ed.), *Manpower Planning*; A. R. Smith, *Models of Manpower Systems*; D. J. Bartholomew and A. F. Forbes, *Statistical Techniques of Manpower Planning*; S. Vajda, *Mathematics of Manpower Planning*.

SM260(a) Models for Education and Manpower Planning Class

Five classes, Lent Term.

SM261 Stochastic Models for Social Processes

Professor Bartholomew. Ten lectures, Lent Term.

For M.Sc.

Syllabus Models for durations, open and closed Markov models for social and occupational mobility, models for the diffusion of news and rumours.

Recommended reading D. J. Bartholomew, *Stochastic Models for Social Processes* (3rd edn.); R. Boudon, *Mathematical Structures of Social Mobility*; J. C. Kemeny and L. Snell, *Mathematical Models in the Social Sciences*.

SM261(a) Stochastic Models for Social Processes Class

Five classes, Fortnightly, Lent Term.

SM262 Further Sample Survey Theory and Methods

Professor Stuart. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Stratification, controlled selection. Multistage sampling. Area sampling. Multiphase sampling. Selection with unequal probabilities. Ratio and regression estimates. Domains of study. Panel studies. Nonsampling errors.

Recommended reading L. Kish, *Survey Sampling* (2nd edn.); W. G. Cochran, *Sampling Techniques* (3rd edn.); M. G. Kendall and A. Stuart, *The Advanced Theory of Statistics*, Vol. III (chaps. 39 and 40); W. E. Deming, *Sample Design in Business Research*; F. Yates, *Sampling Methods for Censuses and Surveys*; M. H. Hansen, W. N. Hurwitz and W. G. Madow, *Sample Survey Methods and Theory*; D. Raj, *Sampling Theory*; P. V. and B. V. Sukhatme, *Sampling Theory of Surveys with Applications*.

SM262(a) Further Sample Survey Theory and Methods Class

Eight classes, Lent and Summer Terms.

SM264 Survey Design, Execution and Analysis

Professor Collins. Twenty lectures, Michaelmas and Lent Terms.

For M.Sc.

Syllabus Problems of measurement and scaling; attitude measurement; questionnaire design. Strategies and methods of data collection. Response errors; structure of interviewer effect. Data editing. Analysis of multivariate survey data.

Recommended reading C. A. Moser and G. Kalton, *Survey Methods in Social Investigations* (2nd edn.); C. A. O'Muircheartaigh and C. D. Payne (Eds.), *The Analysis of Survey Data*.

SM265 Statistical Aspects of Educational Planning

Dr Phillips. Ten lectures, Michaelmas Term.

Whole course for M.Sc.

First five lectures also for Dip. Stats. **Syllabus** Criteria for establishing priorities in planning in advanced and developing countries. Methods of forecasting the demand for education, and the demand and supply of teachers. Methods of forecasting manpower requirements. The analysis of educational expenditures. Computable models of the educational system.

Recommended reading M. Blaug, "Approaches to Educational Planning" (*The Economic Journal*, June 1967); C. A. Moser, P. R. G. Layard, "Planning the Scale of Higher Education in Britain: Some Statistical Problems" (*Journal of the Royal Statistical Society*, Series A, 4, 1964); O.E.C.D., *Mathematical Models in Educational Planning*; G. Orcutt and others, *Microanalysis of Socioeconomic Systems—A Simulation Study*, especially chaps. 1, 2, 3, 8, 9, 10, 13; H. S. Parnes, *Forecasting Educational Needs for Economic and Social Development*, chaps. 1-5; A. Peacock, J. Wiseman, S. Harris, *Financing of Education for Economic Growth*, chaps. 6 and 7; *The Robbins Report*, Appendix One, Part IV; R. Stone, "Input-Output and Demographic Accounting: A Tool for Educational Planning" (*Minerva*, Spring 1966); J. Tinbergen and others, *Econometric Models of Education: Some Applications*; U.S. Department of Health, Education and Welfare, *Equality of Educational Opportunity; Ninth Report of the National Advisory Council for the Training and Supply of Teachers*, especially Part I.

SM265(a) Statistical Aspects of Educational Planning Class

Dr Phillips.

SM266 Fortran Programming (Statistics)

Miss S. A. Brown. Last week, Summer vacation.

For M.Sc.: Statistics, Diploma in Statistics. **Recommended reading** D. D. McCracken, *A Guide to Fortran IV Programming*.

SM267 Statistical Analysis Practical Class

Miss S. A. Brown. Ten classes, Michaelmas Term.

For M.Sc. Statistics.

Fortran computer language will be used.

SM268 Further Statistical Methods
Mr Plewis. Twenty lectures,
Michaelmas and Lent Terms.
For M.Sc.

Syllabus Nonparametric and distribution free techniques, analysis of variance and covariance for various experimental designs. Multiple and regression.

Recommended reading will be given at the start of the course.

SM269 Basic Statistical Theory

Dr C. S. Smith. Forty lectures,
Michaelmas and Lent Terms.
For M.Sc.; Dip. Stats.; Dip. O. R. Students
who already have a knowledge of statistics
need not attend until the fourth week of the
Michaelmas Term.

Syllabus Probability and distribution theory,
estimation theory, regression, analysis of
variance and general linear models.

Recommended reading M. G. Kendall and
A. Stuart, *The Advanced Theory of Statistics*,
Vol. I; P. G. Hoel, *Introduction to
Mathematical Statistics*; O. L. Davies,
*Statistical Methods in Research and
Production*; N. R. Draper and H. Smith,
Applied Regression Analysis.

SM269(a) Statistical Theory Class
Twenty classes, Michaelmas and
Lent Terms.

SM270 M.Sc. Project Seminar
Fifteen seminars, Michaelmas and
Lent Terms.

This course will not be given in
1981-82.
For M.Sc.; Dip. Stats.

SM271 Joint Statistics Seminar
Seminars on statistical theory and
its applications will be held in
conjunction with Birkbeck College,
Imperial College and University
College throughout the session.
Further information about the
seminar may be obtained from
Professor Durbin, Professor
Bartholomew or Professor Stuart.

**SM272 Advanced Lectures on
Special Topics in Statistics**

Short courses of lectures on special
topics in statistical research will be
given on Friday afternoons
throughout the session immediately
following the Joint Statistics
Seminar. These lectures are
intended for research students and
staff members and are held in
conjunction with Birkbeck College,
Imperial College and University
College. Further information may
be obtained from Professor Durbin,
Professor Bartholomew or
Professor Stuart.

**COMPUTING AND
OPERATIONAL RESEARCH**

SM302 Introduction to Computing
Dr Waters and Mr Cornford.
Twenty lectures, Michaelmas and
Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
fields Maths., Stats., Comp., Act. Sci., Man.
Sci.; M.Sc.; Dip. Stats.; Dip. O. R.; Dip.
Man. Sci.

Syllabus Computer hardware: central
processing unit and peripheral devices.
Micro Processors and Micro Computers.
Computer software: loaders, assemblers,
compilers, utilities and operating systems.
Methodology of programming; problem
formulation and coding in machine assembly
and high-level languages (including BASIC
and COBOL).

Recommended reading R. Hunt and J.
Shelley, *Computers and Common Sense*; J.
Martin, *Programming Real-Time Computer
Systems*; C. Evans, *The Mighty Micro*; I.
Barron and R. Curnow, *The Future with
Micro-Electronics*; J. Martin, *Principles of
Data Base Management*; D. W. Baron,
Assemblers and Loaders; E. S. Page and L.
B. Wilson, *Information, Representation and
Manipulation in a Computer*; A. Parker,
Cobol for Students; T. Gibbons, *Integrity and
Recovery in Computer Systems*; F. P.
Brookes, *The Mythical Man Month*.

**SM302(a) Introduction to
Computing Class**
Twenty classes, Michaelmas and
Lent Terms.

**SM303 Fortran Programming
(General)**

The video tape lectures, "A
London FORTRAN Course",
supervised by Miss Hewlett and
others.

The course will be given twice during the
session.

(a) Course lasting five days. Christmas
vacation.

(b) Course lasting five days. Easter vacation.
Anyone wishing to take this course should
register with the Computer Unit
Receptionist (Room S.201).

Recommended reading C. Day, *A London
Fortran Course*; D. D. McCracken, *A Guide
to Fortran IV Programming*.

SM304 Fortran IV

Ten video tape lectures supervised
by Miss Hewlett, Michaelmas
Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
fields Maths., Stats., Comp., Act. Sci., Man.
Sci.; Dip. O. R.; Dip. Man. Sci.; Dip. Stats.;
M.Sc.

Syllabus The syntax of the Fortran IV
programming language.

Recommended reading C. Day, *A London
Fortran Course*; D. D. McCracken, *A Guide
to Fortran IV Programming*.

SM304(a) Fortran IV Class
Miss Hewlett and others. Ten
classes, Michaelmas Term.

SM305 BASIC Programming

Mr Sharp. Nine lectures,
Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u.; M.Sc.;
Dip. Stats.; Dip. O. R.; Dip. Man. Sci.

Syllabus Problem formulation and solution
using the BASIC Programming language.

Recommended reading D. Allcock,
Illustrating Basic; E. B. Koffman and F. L.
Friedman, *Problem Solving and Structured
Programming in BASIC*.

**SM305(a) BASIC Programming
Class**

Nine classes, Michaelmas and Lent
Terms.

SM308 Computer Applications
Dr Waters. Ten lectures, Lent
Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
fields Maths., Stats., Comp., Act. Sci.; Dip.
Man. Sci.; M.Sc.

Syllabus Computer applications in
commerce, production and administration.
Recommended reading will be given at the
beginning of the course.

SM309 Data Processing Methods

Mr F. F. Land. Ten lectures,
Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
fields Maths., Stats., Comp., Act. Sci., Man.
Sci.; Dip. Man. Sci.

Syllabus Data Collection and Data Capture.
Protecting the integrity of the system.

Privacy. Data transmission. The use and
design of code numbering systems.

Definition of D.P. systems: batch and real
time, fast response, management
information and decision support systems,
centralised and distributed systems.

Recommended reading T. Gibbons, *Integrity
and Recovery in Computer Systems*; F. W.
McFarlan, F. Warren, R. C. Nolan and D. P.
Norton, *Information Systems
Administration*; H. D. Clifton, *Business Data
Systems*; J. G. Burch and F. R. Strater,
Information Systems: Theory and Practice;
A. Parkin, *Systems Analysis*.

**SM309(a) Data Processing Methods,
Undergraduate and Diploma Class**
Ten classes, Michaelmas Term.

**SM310 Systems Analysis
Methodology I**

Mr F. F. Land and Mr Stamper.
Twenty lectures, Michaelmas and
Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main
fields Maths., Stats., Comp., Act. Sci.; Dip.
Man. Sci.

Syllabus Introduction to Systems Life Cycle:
Identification and Description of problems
and opportunities, defining objectives,
feasibility study, analysis and design of
computer based information systems,
specification and implementation of systems,

evaluation of systems. Review of approaches to analysis and design. The need for formal methods and tools: flowcharts, decision tables and decision trees, data flow diagrams, precedence matrix, specification languages. Socio-technical and other methods: information requirements analysis, diagrammatic methods—variances and job satisfaction, future analysis. Impact of changes in technology on methods.

Recommended reading J. C. Emery, *Cost Benefit Analysis of Information Systems*; E. Mumford and A. Pettrigrew, *Implementing Strategic Decisions*; P. G. W. Keene and M. S. Scott Morton, *Decision Support Systems*; E. Mumford and D. Henshall, *The Participative Approach to the Design of a Computer System*; E. Mumford and M. Weir, *Systems in Work Design—the ETHICS Method*.

SM310(a) Systems Analysis Methodology I Class

Twenty Classes, Michaelmas and Lent Terms.

SM311 Computer File Organisation

Dr Waters. Ten lectures, Michaelmas Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.; Dip. Man. Sci.; Dip. O. R.; M.Sc. **Syllabus** Data representation, data storage devices, file organisation and processing. **Recommended reading** H. D. Clifton, *Business Data Systems*; J. Martin, *Principles of Database Management*; S. J. Waters, *Introduction to Computer Systems Design*, Selected Papers.

SM312 Numerical Methods

Professor Douglas. Forty lectures, Michaelmas and Lent Terms.
For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci.; Dip. Stats.; Dip. O. R. **Syllabus** An introduction to the use of digital computers in the solution of numerical problems. Fixed and floating point storage and arithmetic. Error analysis. Algorithms for approximation, interpolation, numerical differentiation and integration, solution of differential equations. Evaluations of functions. Solution of non-linear equations. Numerical methods in linear algebra. Random number generation and Monte Carlo methods. Optimization techniques, including steepest descent, gradient and

related methods and elementary linear programming.

Note It will be assumed that students have attended Course SM303 or SM304.

Recommended reading S. D. Conte, *Elementary Numerical Analysis*; J. M. Hammersley and D. C. Handscomb, *Monte Carlo Methods*; T. H. Naylor *et al*, *Computer Simulation Techniques*; L. R. Carter and E. Huzan, *A Practical approach to Computer Simulation in Business*; W. Murray (Ed.), *Numerical Methods for Unconstrained Optimization*.

SM312(a) Numerical Methods Class

Miss Hewlett. Twenty-five classes, Sessional.

SM313 Elements of Management Mathematics

Professor Land, Mr Rosenhead and Mr H. P. J. Karsten. Thirty lectures, Sessional.

For B.Sc. (Econ.) Part II; M.Sc.; Dip. Systems Analysis & Design; Dip. Bus. Stud.; Dip. Econ.

(i) Elements of Probability

Syllabus Definitions and rules of probability; Bayes theorem; random variables and expectation; discrete and continuous distributions; simple stochastic processes. **Recommended reading** A. M. Arthurs, *Probability Theory*; L. L. Lapin, *Statistics for Modern Business Decisions*; T. H. Wonnacott and R. J. Wonnacott, *Introductory Statistics*.

(ii) Elements of Management Mathematics

Syllabus An introduction to mathematical techniques applied to problems of decision-making in business, industry and government. Topics treated will include: vectors and matrices, linear programming, game theory, critical path analysis, production scheduling, decision trees, dynamic programming, Markov chains, replacement theory, stock, control, queueing theory.

Recommended reading J. G. Kemeny, A. Schleifer, J. L. Snell and G. L. Thompson, *Finite Mathematics with Business Applications*; J. C. Turner, *Modern Applied Mathematics*; M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; S. Vajda, *An Introduction to Linear Programming and the Theory of Games*.

SM313(a) Elements of Management Mathematics Class

Sessional.

SM314 Operational Research Techniques

Mr Rosenhead and Dr Howard.

Twenty-five lectures, Sessional.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Stats.; Dip. Man. Sci.; Dip. O. R. **Syllabus** Theory of games. Decision theory. Markov chains. Replacement. Critical path analysis. Scheduling. Dynamic programming. Inventory control. Queueing theory. Simulation.

Recommended reading M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research*; G. H. Mitchell, *Operational Research*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; E. Page, *Queueing Theory in O. R.*

SM314(a) Operational Research Techniques Class

Twenty-four classes, Sessional.

SM315 Mathematical Programming

Professor Land. Fifteen lectures,

Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Stats.; Dip. Man. Sci.; Dip. O. R. **Syllabus** Some aspects of model building in mathematical programming including linear programming, quadratic, unconstrained non-linear optimization, integer programming, network models. A familiarity with simple matrix algebra will be assumed. Students will be expected to formulate and solve problems with the use of library programs, and to become familiar with a large scale mathematical programming package.

Recommended reading D. Smith, *Linear Programming Models in Business*; H. P. Williams, *Model Building in Mathematical Programming*; S. Zionts, *Linear and Integer Programming*.

SM315(a) Mathematical Programming Class

Fifteen classes, Michaelmas and Lent Terms.

SM316 Model Building in Mathematical Programming

Professor Land. Ten lectures, Lent and Summer Terms, beginning in the sixth week of the Lent Term.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.; Dip. O. R. **Syllabus** Workshop on construction of mathematical programming models, matrix generators, use of a large scale mathematical programming package.

Recommended reading H. P. Williams, *Models Building in Mathematical Programming*.

SM316(a) Model Building in Mathematical Programming

Professor Land. Ten classes, Lent and Summer Terms.

SM317 Simulation

Dr Howard. Ten fortnightly lectures, Michaelmas and Lent Terms.

For B.Sc. (Econ.) Part II; B.Sc. c.u. main fields Maths., Stats., Comp., Act. Sci., Man. Sci.; Dip. Man. Sci.; Dip. O. R. **Syllabus** Types and uses of simulation models. Manual simulation models, cycle activity diagrams. Computer simulation model structures. Stochastic input generation and output analysis. **Recommended reading** G. S. Fishman, *Concepts and Methods in Discrete Event Digital Simulation*.

SM317(a) Simulation Classes

Ten fortnightly classes, Michaelmas and Lent Terms.

SM318 Management Sciences Seminars

Professor Land. Ten meetings fortnightly, Michaelmas and Lent Terms.

For B.Sc. c.u. Man. Sci. 1st yr.; Dip. Man. Sci.

Syllabus What are Management Sciences?

ADVANCED COMPUTING AND OPERATIONAL RESEARCH COURSES

SM350 Operational Research Methodology

Mr Rosenhead. Ten meetings of two hours, Michaelmas and Lent Terms.

For M.Sc.; Dip. Systems Analysis & Design.
Syllabus Operational research problems, models and criteria. The practice and context of operational research.

Recommended reading R. L. Ackoff, *Scientific Method: Optimizing Applied Research Decisions*; T. J. Johnson, *Professions and Power*; J. R. Ravetz, *Scientific Knowledge and its Social Problems*; A. Sandberg, *The Limits to Democratic Planning*.

SM351 Basic Operational Research Techniques

Mr Rosenhead. Ten lectures, Michaelmas Term.

For M.Sc.; Dip. Systems Analysis & Design.
Syllabus An introduction to stock control, scheduling, queueing theory, replacement, critical path analysis, dynamic programming and simulation.

Recommended reading M. Sasieni, A. Yaspan and L. Friedman, *Operations Research*; R. L. Ackoff and M. Sasieni, *Fundamentals of Operations Research*; F. S. Hillier and G. J. Lieberman, *Introduction to Operations Research*, 2nd edition; G. H. Mitchell, *Operational Research*; R. E. D. Woolsey and H. S. Swanson, *Operations Research for Immediate Application: A Quick and Dirty Manual*.

SM351(a) Basic Operational Research Techniques Class

Ten classes, Michaelmas Term.

SM352 Advanced Operational Research Techniques

Mr Rosenhead, Dr Howard and Mr Balmer. Fifteen lectures, Lent and Summer Terms.

For M.Sc.
Syllabus Replacement theory, scheduling, inventory control, queueing theory, dynamic programming.

Recommended reading D. W. Jorgenson, J. J. McCall and R. Radner, *Optimal Replacement Policy*; D. R. Cox and W. L. Smith, *Queues*; E. Page, *Queueing Theory in O. R.*; R. E. Bellman and S. E. Dreyfus, *Applied Dynamic Programming*; N. A. J. Hastings, *Dynamic Programming with Management Applications*; K. R. Baker, *Introduction to Sequencing and Scheduling*; G. Hadley and T. M. Whitin, *Analysis of Inventory Systems*.

SM352(a) Advanced Operational Research Techniques Class

Fifteen classes, Lent and Summer Terms.

SM353 Basic Mathematical Programming

Professor Land. Ten lectures, Michaelmas Term.

For M.Sc.; Dip. Systems Analysis & Design.
Syllabus Formulation of operational problems in linear and non-linear programming models; solution of such problems by available computer programs, interpretation of the solutions; limitations of such models.

Recommended reading S. Vajda, *Readings in Linear Programming*; D. Smith, *Linear Programming Models in Business*; H. P. Williams, *Model Building in Mathematical Programming*.

SM353(a) Basic Mathematical Programming Class

Ten Classes, Michaelmas Term.

SM354 Advanced Mathematical Programming

Professor Land. Thirty lectures, Michaelmas and Lent Terms.

For M.Sc.
Syllabus Basic formulations and theories of mathematical programming, convex point sets, linear and non-linear objective functions. Methods of solution.

Recommended reading S. Zions, *Linear and Integer Programming*; G. Hadley, *Linear Programming*; D. Gale, *The Theory of Linear Economic Models*; G. B. Dantzig, *Linear Programming and Extensions*; A. Land and S. Powell, *Fortran Codes for Mathematical Programming*; S. Vajda, *Theory of Linear and Non-Linear Programming*; S. Vajda, *Readings in Linear*

Programming; Garfinkel and Nemhauser, *Integer Programming*; W. Murray, *Numerical Methods for Unconstrained Optimisation*.

SM354(a) Advanced Mathematical Programming Class

Sessional.

SM355 Theory of Games

Professor Land. Four lectures, Summer Term.

For M.Sc. Recommended for other graduate students.

Syllabus The principles of games theory. Zero-sum two-person games in extended and normal form. The minimax principle and its application. Variable sum games and imperfect competition.

Recommended reading J. D. Williams, *The Compleat Strategyst*; 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*; J. von Neumann and O. Morgenstern, *Theory of Games and Economic Behaviour*.

SM356 Graph Theory

Dr Alpern. Ten hours, Michaelmas Term.

For M.Sc. Recommended for other graduate students in Operational Research or Statistics.

Syllabus Fundamental concepts in graph theory, planar and dual graphs, maximum-minimum problems in networks; matching theory.

Recommended reading C. L. Liu, *Introduction to Combinatorial Mathematics*; F. Harary, *Graph Theory*; W. L. Price, *Graphs and Networks*; J. A. Bondy and U. S. R. Murty, *Graph Theory with Applications*.

SM357 Applied Statistics and Forecasting Techniques for Operational Research

Dr Howard. Ten lectures, Michaelmas Term.

For M.Sc.; Dip. Systems Analysis and Design.

Syllabus Point and interval estimation. Tests of normal hypotheses. Goodness of fit tests. Linear regression. The moving average and exponential smoothing techniques of forecasting.

Recommended reading L. L. Lapin, *Statistics for Modern Business Decisions*; A. M. Mood and F. A. Graybill, *Introduction to the Theory of Statistics*; R. G. Brown, *Smoothing, Forecasting and Prediction*; W. Gilchrist, *Statistical Forecasting*.

SM357(a) Applied Statistics and Forecasting Techniques for Operational Research Class

Dr Howard. Five classes, Michaelmas Term.

SM358 Selected Topics in Operational Research

Professor Land and others. Fifteen meetings, Michaelmas and Lent Terms.

For M.Sc.; Dip. Systems Analysis & Design.
Syllabus Various speakers will present illustrations of the practical applications of operational research techniques. Intended for students having a preliminary acquaintance with the subject.

Recommended reading References to current literature will be provided during the course.

SM359 Operational Research Tutorial Class

Professor Land and Dr Howard. One-day session.

For M.Sc.; Dip. Systems Analysis & Design.

SM360 Systems Specifications

Dr Waters. Ten hours, Michaelmas Term.

For Dip. Systems Analysis and Design; M.Sc.

Syllabus Anatomy, objectives and life-cycle of a data processing system. Specifying data dictionary, messages, database and procedures. Documentation standards and high-level systems languages.

Recommended reading B. Langefors, *Theoretical Analysis of Information Systems*; H. D. Clifton, *Business Data Systems*; T. De Marco, *Structured Systems Analysis*; J. Martin, *Principles of Database Management*; C. B. Grindley, *Systematics*; J. D. Cougar and R. W. Knapp, *Systems Analysis Techniques*; S. J. Waters, *Systems Specification*, Selected Papers.

SM361 Information Systems

Mr Stamper. Fifteen lectures, Michaelmas and Lent Terms. For Dip. Systems Analysis and Design; M.Sc.

Syllabus Information as signs and properties of signs; *pragmatics* or signs and behaviour, cultural basis of design properties, applications to informal aspects of systems; *semantics*, various aspects of meaning, prescriptive, descriptive, indicative and evaluative uses of systems, applications to the analysis of information requirements; *syntactics* and structural properties of signs, grammars and machines, logical languages and formal approximations to natural language, applications to data processing; data structures, knowledge structures, applications to DBMS; *empirics* or signalling, entropy, channel, noise, redundancy, coding, applications. **Recommended reading** C. Cherry, *On Human Communication*; R. Stamper, *Information*; J. D. Couger and R. W. Knapp, *Systems Analysis Techniques*.

SM361(a) Information Systems

Fifteen classes, Michaelmas and Lent Terms.

SM362 Information Systems Management

Mr Land and Dr Waters. Ten lectures, Michaelmas Term. For Dip. Systems Analysis and Design; M.Sc.

Syllabus Information Systems. Managing the Project. The systems life cycle. Economic Analysis of Information Systems: data as a resource, the value of information, efficiency and effectiveness. Standards: performance standards, documentation standards, standard methods and tools. Audit and control of information systems. Types of information systems: centralised and distributed, batch and real-time, management information systems and decision support systems.

Recommended reading C. B. Grindley and J. Humble, *The Effective Computer*; J. C. Emery, *Cost-Benefit Analysis of a Computer System*; F. W. McFarlan, F. Warren, R. C. Nolan and D. P. Norton, *Information Systems Administration*; P. G. W. Keene and M. S. Scott-Morton, *Decision Support Systems*; A. Parkin, *Systems Management*.

SM362(a) Information Systems Management Class

Ten classes, Michaelmas Term.

SM363 Systems Analysis Methodology II

Mr Land and Mr Hirschheim. Ten lectures, Lent Term. For Dip. Systems Analysis and Design; M.Sc.

Syllabus Survey of systems analysis methods: structured and top down methods, the Scandinavian School, the system theory and cybernetic approach, human activity systems, the socio-technical approach. Detailed analysis of socio-technical approach: the rationale for participation, diagrammatic tools, variance analysis, job satisfaction analysis, future analysis. Tools for evaluation and design.

Recommended reading *Journal of Applied Systems Analysis*; H. Lucas, F. F. Land, T. Lincoln and K. Supper (Eds.), *The Information System Environment*; J. J. Schneider (Ed.), *Formal Models and Practical Tools for Information Systems Design*; N. Szyperki and E. Groschla (Eds.), *Computer-Based Information Systems*; E. Mumford and H. Sackman (Eds.), *Human Choice and Computers I*; Mowslowitz (Ed.), *Human Choice and Computers II*; Frielink, *Economics of Informatics*; E. Mumford and D. Henshall, *The Participative Approach to the Design of a Computer System*; E. Mumford and M. Weir, *Computer Systems in Work Design—the ETHICS Method*; T. De Marco, *Structured Analysis and Systems Specifications*.

SM363(a) Systems Analysis Methodology II Class

Ten classes, Lent Term.

SM364 Computer Systems Design

Dr Waters. Ten lectures, Lent Term.

For Dip. Systems Analysis and Design; M.Sc.

Syllabus Techniques for designing computer based systems for batch, real-time, centralised and distributed processing. Structured and computer-aided design.

Recommended reading J. Martin, *Design of Real-Time Computer Systems*; S. J. Waters, *Introduction to Computer Systems Design*; B. Langefors, *Theoretical Analysis of*

Information Systems; C. B. Grindley, *Systematics*; I Barron and R. Curnow, *The Future with Microelectronics*; Selected papers.

SM365 Basic Systems Analysis

Professor Douglas and Mr Cornford. Ten lectures, Michaelmas Term.

For M.Sc. **Syllabus** An introduction to systems analysis and the role the systems analyst plays in the design of computer based systems. The relationship between systems analysis and operational research.

Recommended reading A. Daniels and D. Yeates, *Basic Training in Systems Analysis*; S. J. Waters, *Introduction to Computer Systems Design*; H. D. Clifton, *Business Data Systems*.

SM365(a) Basic Systems Analysis Class

Five classes, Michaelmas Term.

SM366 Economics for Operational Research

Dr Lane. Ten hours, Michaelmas Term. For M.Sc.

SM367 Planning and Design Methods

Mr Rosenhead. Ten hours, Lent Term. For M.Sc.

Syllabus The internal structure of design problems; the analysis of interconnected decision areas. Uncertainty and inflexibility in planning; rationalism and incrementalism as planning theories; planning as a sequential and social process; robustness as a criterion of a plan's flexibility.

Recommended reading C. Alexander, *Notes on the Synthesis of Form*; J. K. Friend and W. N. Jessop, *Local Government and Strategic Choice*; A. Faludi, *A Reader in Planning Theory*; A. Sandberg, *The Limits to Democratic Planning*; M. M. Camhis, *Planning Theory and Philosophy*.

SM368 Introduction to Simulation

Mr Balmer. Ten lectures, Lent Term. For M.Sc.

Syllabus Types and uses of simulation models. Random and pseudo-random numbers. Stochastic variate generation. Event and activity sequence and control. Variance reduction. Verification. Simulation languages. Prerequisite, tenth lecture only of course no. SM351.

Recommended reading K. D. Tocher, *The Art of Simulation*; J. M. Hammersley and D. C. Handscorn, *Monte Carlo Methods*; T. H. Naylor, J. L. Balintfy and D. S. Burdick, *Computer Simulation Techniques*; G. S. Fishman, *Concepts and Methods in Discrete Event Digital Simulation*; A. A. B. Pritsker, *The GASP IV Simulation Language*.

SM368(a) Introduction to Simulation Class

Twenty classes, Lent Term.

SM369 Topics in Systems Analysis (Seminar)

Mr Hirschheim and others. Ten fortnightly seminars, Michaelmas Term.

For Dip. Systems Analysis & Design; M.Sc. **Syllabus** System structures, organisation of systems work, interaction of formal and informal systems, teleprocessing systems, data analysis and database design, formalisation of system definitions, program design, computer-related industries and professions, system specification, the data resource function, implications of the electronic office, decision support systems, analysis of the programming problem and its solutions.

Recommended reading J. Martin, *Design of Real-Time Computer Systems*; J. Martin, *Systems Analysis for Data Transmission*; E. Yourdon, *Techniques of Program Structure and Design*; C. B. Grindley, *Systematics, A New Approach to Systems Analysis*; C. B. Grindley and J. Humble, *The Effective Computer*; G. Davis and G. Everest, *Readings in MIS*; J. Martin, *Design of Man-Computer Dialogues*; M. Schwartz, *Computer Communication Network Design and Analysis*; M. Jackson, *Principles of Program Design*; Mumford and Henshall, *A Participative Approach to Systems Design*; M. Lockett and R. Spear, *Organisations as Systems*; T. Crowe and D. Avison, *Management Information from Databases*; P. Keene and M. S. Scott-Morton, *Decision Support Systems*; Fick and Sprague, *Decision Support Systems: Issues and Challenges*.

SM370 Computers in Information Processing Systems

Mr Hirschheim. Twenty lectures and seminars, Michaelmas Term. For Dip. Systems Analysis & Design; M.Sc. **Syllabus** Computer architecture, system software-assemblers, operating systems, loaders, etc., database management technology-DBMS, data modelling, data dictionary systems, communication system organisation, office information systems, micros.

Recommended reading S. Madnick and J. Donovan, *Operating Systems*; D. Hebditch, J. Martin, *Security Accuracy and Privacy in Computer Systems*; C. Gear, *Computer Organisation and Programming*; D. Davies and D. Barber, *Communication Networks for Computers*; J. J. Donovan, *Systems Programming*; D. Tebbs and G. Collins, *Real Time Systems*; S. Deen, *Fundamentals of Database Systems*; A. Cardenas, *Database Management Systems*; R. Uhlig *et al*, *The Office of the Future*; P. Chen, *Entity-Relationship Approach to Systems Analysis and Design*; S. Alter, *Data Base: Structured Techniques for Design, Performance and Management*.

SM370(a) Computers in Information Processing Systems Class

Ten meetings, Michaelmas Term.

SM371 Workshop in Urban and Transport Models

Lecturer to be announced. Ten meetings, Michaelmas Term. For M.Sc.

A practical course in quantitative model-building for students wishing to carry out research in this area.

SM372 Facility Location

Mr Rosenhead. Five lectures, Lent Term. For M.Sc.

Syllabus Theory and application of locational techniques. Location on a network or plane, to minimize cost or distance, or maximum utilization. The effect of the distance metric. Application to location of warehouses, emergency services and health facilities, and to electoral re-districting.

Recommended reading B. Massam, *Location and Space in Social Administration*.

538 *Statistical and Mathematical Sciences*

SM373 Distribution and Scheduling

Five lectures, Lent Term.

For M.Sc. **Syllabus** Applications of scientific techniques to the practical problems of siting, routing, scheduling and control.

Recommended reading S. Eilon, C. D. T. Watson-Gandy and N. Christofides, *Distribution Management*; W. L. Price, *Graphs and Networks: An Introduction*; E. J. Beltrami, *Models for Public Systems Analysis*.

SM374 Modelling Controls in a Dynamic System

Dr Zauberman. Five lectures, Summer Term.

For M.Sc.

Syllabus Optimal control of a dynamic system. Bellman's dynamic programme. Pontryagin's maximum principle of dynamic games. Emphasis on applications. Course Ec249 recommended background.

SM375 Cost-Benefit Analysis

Lecturer to be announced. Five lectures, Lent Term.

For M.Sc.

SM376 Valuation of Intangibles

Lecturer to be announced. Five lectures, Lent Term.

For M.Sc.

L.S.E. Books

Some recent volumes, mostly published under a joint imprint of the School and the listed publishers. Enquiries should be addressed to the Publications Officer.

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L. H. LEIGH (editor)
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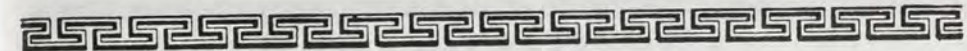
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- Adjustment Costs and Aggregate Demand Theory *Roy E. Bailey and William M. Scarth*
 Baumol and James Mill on "Say's" Law of Markets..... *William O. Thweatt*
 Comments on McCullum *F. H. Hahn*
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 Does Unemployment Cause Future Unemployment? Definitions, Questions and Answers
 from a Continuous Time Model of Heterogeneity and State Dependence.....
James J. Heckman and George J. Borjas
 Domestic Demand Pressure, Relative Prices and the Exports Supply Equation—More
 Empirical Evidence *Ben-Zion Zilberfarb*
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 Econometrics—Alchemy or Science? *David F. Hendry*
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R. A. Jackman and P. R. G. Layard
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 Kingdom, 1954–1970 *David Laidler and Patrick O'Shea*
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Charles Mulvey and John M. Abowd
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Louis N. Christofides, Robert Swidinsky and David A. Wilton
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 Monetarism and Economic Theory *F. H. Hahn*
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 On the Existence and Secular Stability of u-v Loci *Roger J. Bowden*
 The Precautionary Demand for Narrow and Broad Money ... *C. M. Sprenkle and M. H. Miller*
 Seven Centuries of Real Income per Wage Earner Reconsidered *D. Loschky*
 Short-run Inflation-employment Trade-offs and the Natural Level of Employment
Henryk Kierzkowski
 The Theory of Labour Market Intervention *George E. Johnson*
 Unemployment and Unanticipated Inflation in Postwar Britain
R. A. Batchelor and T. D. Sheriff
 Unemployment from a Theoretical Viewpoint *F. H. Hahn*
 Unemployment Insurance: Survey and Extensions *Robert Topel and Finis Welch*
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Joseph Altonji and Orley Ashenfelter
 The Wealth-age Relation with Life Insurance *C. A. Pissarides*

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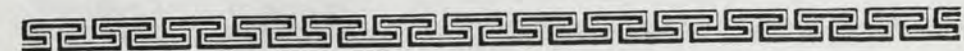
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Jean Woodall

State, Centre and Bureaucracy

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Ghița Ionescu

REVIEW ARTICLE
Integrative Ideas

Roger Morgan

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JOURNAL OF TRANSPORT ECONOMICS AND POLICY

This journal, which is devoted to the study of all forms of transport, appeared for the first time in January 1967. It serves as a means of communication between research workers, planners, administrators and all others interested in the development of transport and its impact on other activities. The Journal attracts articles from many different parts of the world and has subscribers in more than seventy countries.

Editors: Professor M. E. Beesley (*Managing Editor*), Professor B. T. Bayliss and Professor K. M. Gwilliam.

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